

# 24<sup>th</sup> EAA Annual Meeting

BARCELONA,  
5-8 SEPTEMBER 2018

REFLECTING FUTURES

## Programme Book



EAA Annual Meeting has become a very complex event abounding with different activities and options. It is highly recommended that you carefully browse this programme to make sure you do not miss anything.

For instructions on **how to read the scientific programme**, please go to **page 94**.

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## **24<sup>th</sup> EAA Annual Meeting (Barcelona, 2018) – Programme Book**

*Names, titles and affiliations are reproduced as submitted by the session organisers and/or authors. Language and wording of titles and abstracts were not revised.*

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# Welcome to the Annual Meeting by the EAA President



Archaeology is all about the future, because **Archaeology is about the capacity to reflect on how the future came into existence.** Based on materiality and the archaeological record, our discipline has the capacity to provide a deeper insight into the processes that shape what is happening in society, and what has happened. Archaeology is not a science that is capable of anticipating things, or making predictions, although we are pretty good at reflecting on our *future pasts*. We are constantly envisaging retro-futures with the ability of our unique form of hindsight that is not always fully used.

**Archaeology is all about the future.**

This year, our EAA Annual Meeting in Barcelona occurs at a time of worrying political developments in many European countries, and with a very fluid situation in Catalonia resulting from recent claims for independence. Both of these situations fundamentally influence our lives as Europeans, Spaniards, Catalans, citizens and archaeologists: our current assumptions are being disputed and challenged in many ways. When we celebrate the two-hundredth birthday of Marx, **all solids melt**

**A time of worrying political developments in many European countries**

**into air.** Many of us are discouraged and concerned about this fluidity. But what we must embrace is **not a fear of the future, but confidence in our abilities.** As the situation in Barcelona began to appear potentially problematic over the past few months, our membership showed its trust, support and interest in our Annual Meetings and reacted by offering the highest level of participation in the history of the EAA (almost 25 years now): 259 sessions, 3,078 presentations, 2,920 registered attendees at this moment in time (early July). This response from our members fills us all with great pride in the EAA: **it tells us something about the type of organization we are,** the type of values we endorse, and the type of work we do, even when these may have different meanings for each of us.

Throughout its history, the city of Barcelona has always faced up to negotiating new trends and challenges. From medieval times, Barcelona has been the backdrop to struggles and aspirations that have shaped the future, and served to embody the spirit of our times. **Barcelona has been an urban laboratory** since the high Medieval Ages: a place of diversity, a setting for processes on multiple scales that have reflected different ways of constructing the future, a city with a long experience of urban life and social innovation. From the prehistory of Modernity through to Upper Modernity, the city space of Barcelona has reflected the arising modern order, the subsequent modern disorder, struggles for workers' rights, modernist social identities and alternative ways of living. On examining the history of Barcelona, it can be seen that it is a city that has constantly re-invented itself. The early industrial era, the periods of strife such as the Tragic Week of 1909 and the May Day of 1937, the Spanish Civil War, the transition to democracy, or the 1992 Olympics, have all been reflected in its urban layout, and in the way that it is taking shape.

Today, Barcelona is once again facing challenging circumstances. It is not only about the wave of nationalism that defies the modern model of Nation-State and the current consensus that conforms the European Union. Although these events are highly conspicuous, this is not the full picture. Whoever opens their eyes and ears in the city will sense how the city embraces and embodies change. The urban layout, the **new forms of sociability and interaction that have arisen in Late Modernity have demonstrated new ways of reclaiming the city for its citizens.** The recent debate about the balance between tourism and urban life, about the effect of mass tourism on a historical city in any part of the world, or the new urban projects of *superilles* for the modern Eixample, are mirrors of this continuous dialogue between Barcelona and the future present.

**We need to overcome the limits of the neoliberal hegemony, techno-bureaucratic practice, political correctness and wishful thinking.**

The prestige of Barcelona, combined with the success of our Annual Meetings and the EAA itself, the great job carried out by the Local Organisation, the Scientific Committee and the EAA Secretariat (which for the first time in our history played a significant role in the organisation of this AM), and the support of Barcelona City Council, the Generalitat (Catalan Government) and many other Spanish, Catalan and international entities, have all helped to attract a large number of participants from 65 different countries, representing many more different nations. This is a historic record for the EAA, although we cannot be complacent about the figures, about what we have achieved in the recent past. **We have to think about how we can make use of the capacities of this major mobilisation of people beyond the usual limits of our practice,** beyond digging and surveying, recording and processing information, reading and writing. We also need to mobilise the power of our discipline to demonstrate that **we are capable of prototyping present futures.** Archaeologists as a whole need to overcome the limits of the neoliberal hegemony, techno-bureaucratic practice, political correctness and wishful thinking that have been placed upon archaeological and heritage practices. Barcelona 2018 (the 24<sup>th</sup> Annual Meeting of the EAA, shortly before commemorating our 25<sup>th</sup> anniversary) and the European Year of Cultural Heritage (of which our AM forms part) are the ideal setting where the big question can be asked.

**Is Archaeology capable of mobilising a transformative understanding of our societies in times as complicated as these?**

As it straddles **the fold where the future pasts and present futures meet,** is Archaeology not capable of mobilising a transformative understanding of our societies in times as complicated as these?

**Felipe Criado-Boado**  
President of the EAA

# Welcome by the Generalitat de Catalunya

The Generalitat de Catalunya (Catalan Government) welcomes the participants of the 24<sup>th</sup> Annual Meeting of the European Association of Archaeologists that this year takes place in the city of Barcelona.

One of the central themes of the meeting is the commemoration of the European Year of Cultural Heritage. Approaching cultural heritage to the citizenship is a duty of the administrations and of professionals and because of that it is very important that archaeologists can discuss about their implication in management of heritage, preventive archaeology, policies for the value enhancement of sites and all subjects which can make people appraise the archaeological heritage. The slogan of the Meeting "Reflecting Futures" has to be an example of this conjunction between professionals and citizens for the preservation of heritage.

In 1980, the Generalitat de Catalunya assumed the exclusive competences in the protection of cultural heritage, again. The Department of Culture created the Service of Archaeology and from then has worked in the management of archaeological heritage and it has had present at all times the task of archaeologists in different aspects: documentation, inventory, protection, knowledge, prevention and research.

For this motive, we are proud of collaborating in a meeting where European archaeologists have their space to put in common experiences and reflections. Going from the intervention of field to the presentation to the public of the results, from the inventory of the heritage to the studies of environmental impact and urbanistic planning, from the newest techniques in documentation and analyses to the most imaginative techniques in presentation of archaeological heritage, in short of the archaeologists to the people.

The meeting held in Barcelona, a city that has counted on a municipal service of archaeology since the mid-20<sup>th</sup> century, capital of a nation that values her history and her heritage and wants to preserve them for the generation's future.

During the meeting, participants will have the opportunity to make visits to the most important archaeological sites and museums of archaeology of the country. They will obtain like this a vision from the rich cultural heritage that goes from the prehistoric caves and the cave paintings to the monuments of the modern period, going across the Iberian culture, the Greek city of Empúries, the Roman past and the mediaeval world.

We wish that the participants in the meeting obtain benefit and knowledge and that the debates will be an important starting point for international cooperation among all European professionals who have the construction of a future in the study of archaeology and in its management through the understanding and the preservation of the past.

**Elsa Ibar Torras**

General Director for Cultural Heritage

# Welcome to Barcelona by Barcelona City Council



As a historical city, Barcelona has a major archaeological tradition. Research and the recognition of the past have always been the primary aims of the City Council. The city's growth and transformation have been accompanied by the endeavour and involvement of archaeologists who have contributed to the understanding and revelation of the historical city.

In Barcelona, a permanent dialogue has taken place between the past and the present thanks to archaeological work and research. Knowledge of history and the recovery of vestiges from the past have been employed in order to firmly establish a model of city and, accordingly, a way of experiencing the city where the historical account forms a coherent whole together with the day-to-day lives of its citizens. This account of the past is one that archaeology helps us to integrate into the citizen dynamic in all its diversity and complexity with the nuances, perspectives and manifestations that characterise today's society. Beyond doubt, this is largely where the appeal and suggestive aspects of the cities of our generation lie; and archaeology emerges as an essential instrument in making it a reality.

The city is the context of human interaction that provides us with new alternatives and fresh models of coexistence which will enable us to set out a more democratic, inclusive and collective future; a city steeped in history with a forward-looking approach and a critical perspective on the past.

The City Council and all other institutions that promote archaeological work are honoured and delighted that Barcelona is hosting the 24<sup>th</sup> EAA Meeting. We at our institution will also endeavour to ensure the Meeting serves as a platform for spreading the word about our research projects on urban heritage and the city, and indeed for disseminating all the knowledge generated in the various presentations and papers.

It is also of noteworthy importance that El Born, a site of memory and history, is the venue chosen to host the welcoming ceremony. The variety of aspects and complexities of life in the city and of contemporary integration of the present and the past come together in a clear, powerful manner in El Born, and it illustrates the capacity of archaeological work in order to shape new settings, creating new urban realities which, in short, are snippets of the growth and dynamic nature of the city's people.

Barcelona is the latest in a line of European cities that have already hosted earlier editions of the EAA Meeting with the desire to endow the event with its experience, passion and a commitment to archaeological endeavour in a Europe that identifies the values of diversity, tolerance and cultural richness from the standpoint of dialogue with its past and the projection of it in the present.

**Ricard Vinyes**

Memory Programme Commissioner  
Barcelona City Council

# Welcome Message by the Scientific Committee



EAA Annual Meetings have long centred their discussion on key themes considered significant by the Meeting Organisers and the Scientific Committee. Similarly, in the 24<sup>th</sup> Meeting in Barcelona, the Scientific Committee has decided to focus debates on a series of areas. The first two on a list of six, "Theories and methods in archaeology" and "The archaeology of material culture, bodies and landscapes", aim to encompass a myriad of subjects related to the practice and interpretation of past material culture. The next two themes directly connect discussions within the Meeting and the city where it takes place, Barcelona. Moreover, the "Mediterranean seascapes" theme is intended to encourage discussions on the archaeology of the Mediterranean, a sea that has been fundamental in the development of the city.

Barcelona's multi-layered character as one of the major hubs of international tourism, and also as a pole of transnational migration, both coexisting with a long-standing local community, creates an ineludible opportunity for reflection. This is the focus of the fourth theme, "Archaeology and the future of cities and urban landscapes". Furthermore, the celebration of the European Year of Cultural Heritage in 2018 has led the Scientific Committee to consider the need to devote a whole theme to archaeology's value to society. This encompasses a wide range of issues including archaeology's contribution to the economy, its role in European cultural diplomacy and, lastly, the importance of safeguarding Europe's common cultural heritage. The sixth and final theme has been reserved to a segment of archaeological practice not usually represented at EAA Annual Meetings: the museum sector. The growing importance given to the social impact of archaeologists' research has made it urgent to facilitate networking between practitioners of all kinds and those in the profession whose work involves interacting with the public and making archaeological knowledge available to the public.

In 2018, the Scientific Committee had to deal with the highest number of session proposals in the history of the EAA. The large number of requests represented a challenge in terms of evaluation. The Scientific Committee decided to face this huge task with an open mind. The idea was to be inclusive rather than restrictive and, while minimum standards had to be met, the opportunity was given to members from many countries whose interests may be similar but who had not had the chance of previous encounters for networking. International cooperation was further nurtured by strict observance of a rule already in place at previous EAA Meetings: the imposition of at least two session organisers belonging to different countries. Quality control at the level of paper proposals was then undertaken by session organisers, overviewed by members of the Scientific Committee. We hope that the final list of sessions and papers will result in an enjoyable Meeting, even if it will undoubtedly be difficult to choose from so many options.

The last issue to mention in this short presentation of the proceedings of the Scientific Committee refers to the keynote lectures. Organised by the Local Organisers and the EAA President, and overviewed by the Scientific Committee, the selection of speakers has not been an easy task. The biases brought about by both language imperialism and persistent gender inequality in the profession inevitably led to certain colleagues being better known internationally than others. Our selection sought to challenge this partiality, striving to obtain excellent geographical and gender representation. It also intended to look beyond the discipline to invite colleagues from other disciplines to break down the frontiers of our own. Trying to avoid clashes with sessions the decision was taken to allocate them an extra slot during the day. We hope that the joy of learning from these chosen scholars will be worth it.

**Margarita Díaz-Andreu**

ICREA and University of Barcelona  
Chair of the Scientific Committee



# Reflecting Futures by the Local Organising Committee



## THE MOTTO OF THE MEETING

Barcelona, the capital city of the western Mediterranean, faces the sea; a sea formed by water that has accumulated over time and made its way from the land, flowing down the peaks and fertilising the valleys it finds on its way. Just like when we stare into the blue we see reflected its colossal journey, this meeting is the reflection of the past that precedes it and the future it creates.

Archaeological conferences are gatherings where past reflections form the basis of everything that occurs. In the lecture rooms, new proposals are born out of the many hours spent by previous and current generations of archaeologists analysing past material culture, thinking about it, handling it, displaying its remains in museums and communicating its messages to the public. As heirs of these past actions, through their initiatives and dialogues, conference participants produce new knowledge reflecting the past, while also looking into the future. Conferences such as the EAA Annual Meeting allow transnational conveyance of both ideas and practices, sanctioning the multiple peregrination of archaeological knowledge. From the lab to the lecture hall, the past is transformed into the future.

Held during the European Year of Cultural Heritage (EYCH), the programme for the EAA Meeting in Barcelona has embraced discussions about the future of cities and urban landscapes, the current role of archaeology museums and the impact of archaeological heritage in today's Europe. Heritage topics will also permeate the sessions, focussing on particular elements of material culture or periods, for instance, recurrent issues such as conservation and social impact. The future of the past hinges not only on increasingly sophisticated techniques and methods, on more accurate data and on a better approach to the events in periods before ours; it also depends on the value society places on archaeological narratives and how we are able to integrate heritage management and dissemination with actual research. In today's global world, there are challenges faced by Europe and many other places in the world. Migration, social inequalities, gender imbalance in the profession, the re-emergence of a nationalist use of archaeology, the increasing importance of neoliberal, market-approach policies towards archaeological heritage, and the privatisation of culture. These are all truly testing archaeologists' abilities for critical thinking.

As the EAA Local Organisers, we are confident that the positive value of this gathering in Barcelona, on the shores of the Mediterranean, will benefit from its reflection on the past in our movement towards the future.

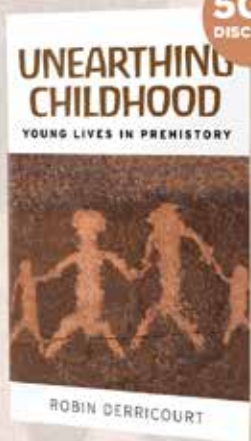
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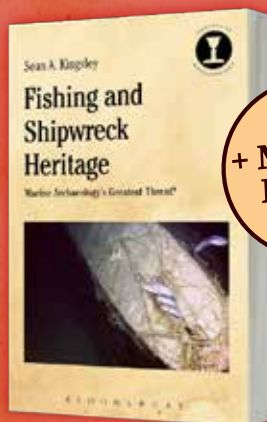
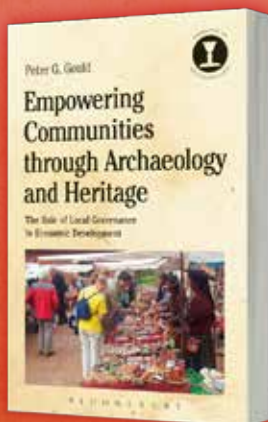
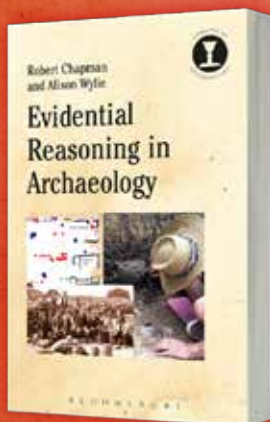
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Chair of the Organising Committee and  
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**Nicolau, Antoni; Gállego, María José**

UTE EAA 2018

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# European Association of Archaeologists

The European Association of Archaeologists (EAA; [www.e-a-a.org](http://www.e-a-a.org)) is a membership-based, non-profit association that is open to all archaeologists and other related or interested individuals or bodies. It is fully democratic and is governed by an Executive Board elected by full members of the Association. A Nomination Committee ensures that the Board is representative of the different regions of Europe and the various sectors of the profession. EAA's membership covers most European countries and also includes residents from all other continents with an interest in European Archaeology.

## EAA Executive Board

---

President	Felipe Criado-Boado	2015 – 2021
Secretary	Karen Waugh	2017 – 2020
Treasurer	Margaret Gowen-Larsen	2014 – 2019
Vice-President	Sophie Hüglin	2014 – 2020
Board Member	Manuel Fernández-Götz	2015 – 2018
Board Member	Maria Gurova	2013 – 2019
Board Member	Esa Mikkola	2015 – 2018
Board Member	Hrvoje Potrebica	2016 – 2019
Board Member	Alessandro Vanzetti	2014 – 2020

## EAA Nomination Committee

---

Committee Member	Bettina Arnold	2016 – 2019
Committee Member	John Robb	2017 – 2020
Committee Member	Margarita Díaz-Andreu	2015 – 2018

The EAA was established in 1994 in an Inaugural Meeting in Ljubljana, Slovenia, where its Statutes were formally approved ([www.e-a-a.org/EAA/About/EAA\\_Statutes/EAA/Navigation/About/EAA\\_Statutes.aspx](http://www.e-a-a.org/EAA/About/EAA_Statutes/EAA/Navigation/About/EAA_Statutes.aspx)). These stipulate that the EAA was created:

- to promote the development of archaeological research and the exchange of archaeological information.
- to promote the management and interpretation of European archaeological heritage.
- to promote proper ethical and scientific standards for archaeological work.
- to promote the interests of professional archaeologists in Europe.
- to promote co-operation with other organisations with similar aims.

- to promote interest in archaeological remains as evidence of the human past and contributing to our knowledge of human culture, and to discourage a focus upon any commercial value that may be attached to such material.
- to work for the elimination of any form of illegal detection and collection and the damage it causes to archaeological heritage.

The EAA has held Annual Meetings since the first Meeting in 1994. Sessions cover topics varying from the interpretation of material culture through theoretical perspectives to cultural heritage management. EAA Annual Meetings have been held in a range of different European cities:

<b>Ljubljana</b>	1994	<b>Krakov</b>	2006
<b>Santiago de Compostela</b>	1995	<b>Zadar</b>	2007
<b>Riga</b>	1996	<b>Malta</b>	2008
<b>Ravenna</b>	1997	<b>Riva del Garda</b>	2009
<b>Gothenburg</b>	1998	<b>The Hague</b>	2010
<b>Bournemouth</b>	1999	<b>Oslo</b>	2011
<b>Lisbon</b>	2000	<b>Helsinki</b>	2012
<b>Esslingen</b>	2001	<b>Pilsen</b>	2013
<b>Thessaloniki</b>	2002	<b>Istanbul</b>	2014
<b>St. Petersburg</b>	2003	<b>Glasgow</b>	2015
<b>Lyon</b>	2004	<b>Vilnius</b>	2016
<b>Cork</b>	2005	<b>Maastricht</b>	2017

The EAA has published a journal since 1993: originally the *Journal of European Archaeology* (1993 - 1997); and since 1998 the *European Journal of Archaeology* (EJA). It also publishes *The European Archaeologist* (TEA) electronic newsletter and the *Themes in Contemporary Archaeology* monograph series.

Since 1999 the Association has awarded the annual European Archaeological Heritage Prize to an individual, institution or a local or regional government for an outstanding contribution to the protection and presentation of European archaeological heritage. A Student Award was instituted in 2002 and is granted annually for the best paper presented at the EAA Annual Meeting by a student or an archaeologist working on a dissertation.

The Association encourages its communities, committees and task forces to be proactive and dynamic: creating networks, working between Annual Meetings, helping to formulate policies, developing standards and informing the EAA decision-making process. EAA communities, committees and task forces currently include:

- Archaeological Legislation and Organisation
- Archaeological Archives and Collections in Europe
- Archaeological Prospection
- Archaeology and Gender in Europe (AGE)

- Archaeology and the EU Environmental Impact Assessment Directive
- Research on Wild Plant Resources (ARCHWILD)
- Illicit Trade in Cultural Material
- Teaching and Training of Archaeologists (CTTA)
- Communication and Media Strategy
- EAA and EAC Working Group on Farming, Forestry and Rural Land Management
- EAA Community for Urban Archaeology
- Medieval Europe Research Community (MERC)
- EAA Community on Climate Change and Heritage
- Political Strategies Committee (PSC)
- Public Archaeology
- Professional Associations in Archaeology Committee
- Community Integrating the Management of Archaeological Heritage and Tourism

The Association has been in partnership with the Medieval Europe Research Community (MERC) since 2012 and has participated in the following projects: Discovering the Archaeologists of Europe (Disco), New Scenarios for a Community-Involved Archaeology (NEARCH) and ArchaeoLandscapes.

The Association promotes ethical professional behaviour through its Code of Practice, the Principles of Conduct for Contract Archaeology and the Code of Practice for Fieldwork Training. The EAA acts as an advisory body on all issues relating to the archaeology of Europe and is affiliated to major institutions active in cultural heritage protection and management. In 1999 the EAA was granted consultative status with the Council of Europe, which in 2003 was upgraded to participatory status. The EAA has joined the European Heritage Alliance 3.3 and has been invited to participate in the special "Voices of Culture & Heritage" process of the European Commission. The EAA is also an active stakeholder in the European Year of Cultural Heritage.



# Themes of the Annual Meeting

## 01. THEORIES AND METHODS IN ARCHAEOLOGY

During the last few decades, scientific techniques and methods borrowed from other disciplines have provided new forms of data and improved ways of analysing archaeological data. The use of digital technologies, new techniques for paleogenetics, developments in dating methods and the application of many new non-destructive methods of recording and analysis have provided far more accuracy in our approach to the study of archaeological sites and material culture. However, more reflection is still needed regarding the integration of this new data in our interpretations and narratives. Likewise, novel discussions within the fields of philosophy and the social sciences are providing new frameworks for the study of archaeology and heritage, and are stimulating modern archaeological debate. Sessions will focus on: how contemporary debates may shape the future of archaeology; the application of new theoretical or ontological perspectives to material culture; the expansion and development of existing theoretical debates; the potential of new scientific techniques and new methodologies in archaeological interpretation; and the integration of scientific and technological approaches with theory. Finally, sessions on the contribution of archaeology to debates such as population mobility, climate change, diversity and sustainability will also be included in this theme.

## 02. THE ARCHAEOLOGY OF MATERIAL CULTURE, BODIES AND LANDSCAPES

To many archaeologists, the social interpretation of material culture and archaeological record continues to be the defining and ultimate purpose of their work. Sessions and papers addressing this theme are invited to discuss this topic in the broadest sense, including the interpretation of people's tangible and intangible worlds in the past. Sessions will provide reflection on the social and spatial aspects of archaeological sites and archaeological landscapes and incorporate themes related to subsistence and economics, politics, social behaviour and ideology. The broad scope of the theme also applies to chronology, covering the timeframe that ranges from early human evolution through to contemporary archaeology. Sessions may focus on archaeological interpretation linked to a wide range of theoretical concepts including (but not limited to) technological knowledge, gender, transmission, networks, social and cultural contact, mobility, colonisation, landscapes, soundscapes, wetlands, gardens, ritual, body, myth and even rubbish. Sessions covering related topics in which broad perspectives are examined are particularly encouraged. Theoretical considerations on tangible and intangible culture and the archaeological record are also welcome.



### **03. MEDITERRANEAN SEASCAPES**

The Mediterranean Sea has historically been a seaway connecting the North and the South, the East and the West. The crossroads of cultures over millennia, it has shaped the character, structure, languages and cultural traditions of Mediterranean societies. The modern seascapes are, therefore, the result of this historical interaction. Sessions are invited to explore trans-Mediterranean relations from a variety of different perspectives and types of evidence: the nature of coastal settlements, population, ports, ships and boats, trade and the circulation of goods. Theoretical debates are encouraged addressing the following: identity, mobility, migration, navigation and colonisation; also, case studies from all periods and all Mediterranean regions in Europe, Africa and Asia are welcome. A focus of discussion will also be how these Mediterranean communities influenced each other in the past and sessions may also examine the influence of Mediterranean ecosystems on daily life, subsistence and society in the past.

### **04. ARCHAEOLOGY AND THE FUTURE OF CITIES AND URBAN LANDSCAPES**

In today's Europe, 72.5% of its citizens live in cities. Archaeological heritage is increasingly becoming a key element of urban sustainability. This theme will provide the framework for discussion on the role of archaeological heritage in relation to contemporary challenges such as population growth, urbanisation, unequal access to socio-economic opportunities, the increasing trend of urban gentrification, degradation and the impact of mass tourism. Within the framework established by the UN 2030 Agenda and Goals for Sustainable Development, debates may consider the place for archaeology in a plan of action for people, planet and prosperity. In today's globalised world it is vital to reflect on how archaeology may assist in strengthening universal peace and freedom and ensure sustainable development by contributing to the eradication of poverty. Other topics for deliberation in sessions under this theme may include the impact of climate change on archaeological urban heritage and the inherent potential of well-managed heritage for reducing disaster risks. Sessions may also examine current experiences of bottom-up and stakeholder and citizen participation in heritage policy formulation, management and preventive conservation. The potential of archaeology for integration of immigrant populations in urban landscapes deserves critical attention and will hopefully be at the centre of debates linked to this theme. Finally, sessions may be organised to assess possible strategies for managing both the challenges and opportunities created by the global expansion of tourism and tourism-related industries.

## 05. ARCHAEOLOGY AND THE EUROPEAN YEAR OF CULTURAL HERITAGE

2018 has been declared the European Year of Cultural Heritage (EYCH). The EYCH aims to highlight the social and educational value of heritage, its contribution to jobs and growth, and its role in raising the profile of the EU in the world. Sessions and round tables within this theme will debate any or a combination of the specific objectives of the European Year, which are to:

- a.** encourage approaches to cultural heritage that are people-centred, inclusive, forward-looking, more integrated, sustainable and cross-sectoral;
- b.** promote innovative models of participatory governance and management of cultural heritage, involving all stakeholders, including public authorities, the cultural heritage sector, private actors and civil society organisations;
- c.** promote debate, research and the exchange of good practices on the quality of conservation, safeguarding, innovative reuse and enhancement of cultural heritage, and on contemporary interventions in the historical environment;
- d.** promote solutions which make cultural heritage accessible to all, including via digital means, by removing social, cultural and physical barriers, taking into account people with special needs;
- e.** highlight and enhance the positive contribution of cultural heritage to society and the economy through research and innovation, including by strengthening the evidence base for such a contribution at Union level;
- f.** encourage synergies between cultural heritage and environment policies by integrating cultural heritage into environmental, architectural and planning policies, and by promoting energy-efficiency;
- g.** encourage regional and local development strategies that tap into the potential of cultural heritage, including through the promotion of sustainable tourism;
- h.** support the development of specialised skills and improve knowledge management and knowledge transfer in the cultural heritage sector, taking into account the implications of the digital shift;
- i.** promote cultural heritage as a source of inspiration for contemporary creation and innovation, and highlight the potential for cross-fertilisation and stronger interaction between the cultural heritage sector and other cultural and creative sectors;
- j.** raise awareness of the importance of Europe's cultural heritage through education and lifelong learning, in particular by focussing on children, young and elderly people, local communities and hard-to-reach groups;

k. highlight the potential of cooperation in matters of cultural heritage for developing stronger ties within the Union and with countries outside the Union and for encouraging intercultural dialogue, post-conflict reconciliation and conflict prevention;

l. promote research and innovation in relation to cultural heritage, facilitate the uptake and exploitation of research results by all stakeholders, in particular public authorities and the private sector, and facilitate the dissemination of research results to a broader audience;

m. encourage synergies between the Union and the Member States, including by strengthening initiatives to prevent the illicit trafficking of cultural goods; and

n. highlight, during 2018, significant events that have a symbolic importance for Europe's history and cultural heritage.

## **06. MUSEUMS AND CHALLENGES OF ARCHAEOLOGICAL OUTREACH IN THE 21<sup>ST</sup> CENTURY**

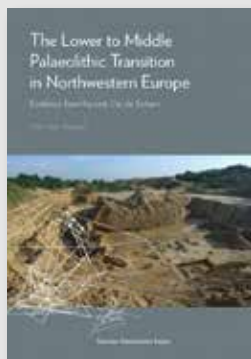
Archaeology in museums is a theme that Barcelona, a city of many museums, does not want to leave aside. It is the first time a full conference theme on the topic of museums has been proposed for a Meeting of the European Association of Archaeologists. It is a welcome opportunity to assess the current situation of archaeological and associated museums in Europe. This is an important step that will identify specific museum-related topics that need to be discussed in depth in the context of European archaeology and beyond. Sessions should bring together archaeological museums, archaeologists, heritage managers and museum professionals from all over Europe. Debate among all these sectors will provide a basis for sharing experiences, discussing issues and problems, and establishing relations and potential ties. Topics may include:

**a.** Museums as a form of public engagement. It is more formal than public outreach and it is advised that similarities and differences between these two forms are discussed and analysed.

**b.** The major attractions of museums: the role of hands on experience, how best the public can gain experience of the materiality of the past.

**c.** The role of electronic media and digital formats of presentation in museums and in engaging with heritage. Used in tandem with other electronic forms of public engagement, what is their added value for museums? How have museums responded to the visual revolution? How can museums incorporate virtual media in spreading their message and achieving their mission in the 21<sup>st</sup> century, as well as enhancing the visitor experience and accessibility?

- d.** The challenges of the educational process in museums, specifically in relation to other forms of extramural and vocational training in the field of archaeology and archaeological heritage.
- e.** The future of archaeological museums and their role within contemporary society. How visible are archaeological museums within their communities? How visible is archaeology in museums (e.g., history museums)? How do or can archaeological museums boost the local, regional and national economy? What marketing strategies do or should archaeological museums develop?
- f.** The future of archaeological museums and their role within contemporary society. How can museums contribute to the social integration of recently arrived immigrants through archaeological heritage? What is the role of museums in a globalised, culturally diverse Europe?
- g.** Potential synergies between other types of institutions and archaeological museums regarding education and outreach.
- h.** Striking a balance between conservation, research and documentation in museums and the generation of new narratives concerning the increasingly diverse populations in our cities.



## The Lower to Middle Palaeolithic Transition in Northwestern Europe

*Evidence from Kesselt-Op de Schans*

Ann Van Baelen

€ 59.50 | ISBN 978 94 6270 098 7 | paperback | 242 pp.

## Minoan Earthquakes

*Breaking the Myth through Interdisciplinarity*

Simon Jusseret, Manuel Sintubin (eds)

€ 69.50 | ISBN 978 94 6270 105 2 | hardback | 408 pp.



## Glass Making in the Greco-Roman World

*Results of the ARCHGLASS project*

Patrick Degryse (ed.)

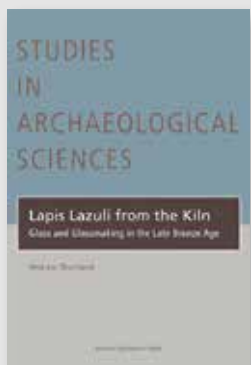
€ 25.00 | ISBN 978 94 6270 007 9 | hardback | 190 pp.

Free ebook at OAPEN Library [www.oapen.org](http://www.oapen.org)

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Aaron N. Shugar, Jennifer L. Mass (eds)

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Patrick Degryse, Julian Henderson,

Greg Hodgins (eds)

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# Annual Meeting General Information

## VENUES

The Annual Meeting has two venues which are next to each other.



### CCCB - Centre of Contemporary Culture of Barcelona

Montalegre 5, 08001 Barcelona

This is where registration, the Help Desk, the EAA Desk, the European Archaeology Fair (EAF) and some sessions are.

### Faculty of Geography and History (UB)

Montalegre 6, 08001 Barcelona

This is the main venue where most sessions will take place and where the poster area will be located in the corridors (see map).

The nearest metro stations to the venues are **Catalunya** (L1, L3) and **Universitat** (L1, L2). Find your route at [www.tmb.cat/en/barcelona/going-to/start](http://www.tmb.cat/en/barcelona/going-to/start).

There will be also some sessions on September 6<sup>th</sup> at the **Archaeology Museum of Catalonia MAC**, metro station **Poble Sec** (L3).

Passeig Santa Madrona, 39/41.

## HELP DESK OPENING HOURS

The main help and registration desk is in the hall of the CCCB but there will also be a Help Desk at the entrance to the UB.

### The opening hours will be:

Wednesday 5	12:00 – 19:00
Thursday 6	7:30 – 18:30
Friday 7	7:30 – 18:30
Saturday 8	7:30 – 13:00

Volunteers with a turquoise t-shirt will be on hand in all places to help you.

## CLOAKROOM

There will be a cloakroom service on the 6, 7 and 8 September from 8:00 to 20:00 at the CCCB hall.

## MEETING ROOMS

Meeting rooms will be in both venues, most in the UB. There are also some sessions in the Archaeology Museum of Catalonia MAC on September 6<sup>th</sup>. Meeting rooms have different capacities, from 30 to 240 persons, with a maximum number of chairs. **Once a room is full (all seats taken) no more participants will be allowed to come in.**

## BADGE

Participants must always wear their badge at the Annual Meeting venues and for social events. Only regular delegates (no guests) can attend the scientific programme.

## WI-FI

Wi-Fi will be available at both venues:

— **UB Net**

Please check username and password on the message boards on each floor (they will be different for each floor).

— **CCCB Net**

User: EAA2018 - Password: EAA2018

## SECURITY

Please note that both the CCCB and the UB are public spaces. Citizens will not be able to attend the sessions but they can be in the buildings, corridors, exhibition, bar. Please do not leave any belongings alone even in the meetings rooms.

## COFFEE BREAKS

Coffee will be served both at the CCCB building and the UB building.

UB: Bar on the -1 floor below ground level and small halls on floors 2, 3 and 4.

CCCB: Hall and Pati de les Dones where the European Archaeology Fair (EAF) takes place.

## LUNCHES

Packed lunch will be delivered at the hall of the CCCB from 12:30 to 14:30 **only to those participants who bought their tickets in advance.**

For those who have not bought their ticket, please note that the bars at the CCCB and the UB do offer a lunchtime menu. Also, the bar in the Pati de les Dones at the CCCB sells sandwiches.

The area around the venues has many pleasant, cosy restaurants with a midday menu with prices ranging from €10 to €16. You can also ask the Help Desk for a list of restaurants in the area with a midday menu price.

## EUROPEAN ARCHAEOLOGY FAIR (EAF)

The EAF will take place at the CCCB Buiding.

Wednesday 5	12:00 – 16:00
Thursday 6	9:00 – 19:00
Friday 7	9:00 – 18:30
Saturday 8	9:00 – 19:00

## SMOKING

Smoking is allowed only in the Pati de les Dones at the CCCB and at the terrace of the bar in the UB.

## FIRE OR EVACUATION SECURITY

Both venues have an emergency plan. In the event of an emergency, participants should follow the signs and the instructions from staff.

## USING SOCIAL MEDIA: #EAA2018 #REFLECTINGFUTURES

Starting with this Annual Meeting, we are implementing a new policy on communication and social media that we hope will help to make our work and presentations more visible and also accessible to those who cannot attend and might want to participate online.

We encourage you to share your experiences at any social media with the general hashtags of the Annual Meeting, so they can be easily tracked by any user: **#EAA2018** and **#ReflectingFutures**.

But we also expect you to participate in the online discussions that might occur and share your reflections about the academic program, using a specific hashtag with the session number (**#s000**, where 000 is the number of the session) which will make it easier to follow every specific session. Every room will clearly state the hashtag of the session and the team of volunteers will try to ensure a basic stream of the different papers taking place. However, your participation is essential to gain visibility and encourage debate! Let's make archaeology a trending topic during the Annual Meeting!

  @EAA.archaeology     @archaeologyEAA      @eaa2018



# Safer Space Policy

The EAA is committed to ensure that all participants of our Annual Meetings experience a safe and hospitable environment, regardless of age, gender, sexual identity, disability, physical appearance, race, ethnicity, religion or belief. EAA will not tolerate direct or indirect discrimination against any person on grounds of any of the above.

We ask all participants to respect the personal boundaries of others, whether they be physical, emotional or cultural. The EAA believes that people from different backgrounds can bring fresh ideas, thinking and approaches which will make our Annual Meetings both innovative and effective. We support the right of all our members to be able to express their viewpoints without undue interruption. Constructive criticism and dissent are welcome, but should be focussed on the issue, not the person. Please consider the effect your own words and actions may have on others.

The EAA will not tolerate inappropriate, intimidating or offensive behaviour, whether verbal, written or physical, including harassment or unwarranted and unwelcome attention in any form.

Failure to abide by this policy will result in appropriate action being taken by the EAA or the Annual Meeting organisers. If necessary local authorities will be informed.

Any behaviour during the Annual Meeting that contravenes this policy and that has affected you personally or that you have witnessed, should be reported immediately to the EAA Secretary, either in person, by email to [secretary@e-a-a.org](mailto:secretary@e-a-a.org), or by leaving a note with contact details at the EAA desk. Any reports received will be handled by the EAA Board and the Annual Meeting organisers with the utmost confidentiality.

# About Barcelona

## TRANSPORT

Public transport operates an integrated fare system enabling passengers to obtain a free transfer from one means of public transport to another within a period of 1 hour and 15 minutes. There are different types of travel cards and transport passes in Barcelona, valid throughout the public transport network (metro, buses, tram and suburban rail). They can be purchased at metro stations, tram stations and in tobacconists and newsagents.

- Single ticket: €2.20 (single journey only, does not allow free transfers within 1,15h)
- T-10 card which is valid for 10 journeys: €10.20
- Day passes: Hola BCN!

The Hola BCN! Barcelona transport pass offers unlimited journeys on the metro, bus (TMB) and the rest of the Barcelona public transport network at any time of day for a period of 48 h (€15), 72 h (€22), 96 h (€28.50) or 120 h (€35) counting from the moment you first use the ticket. The card is also valid for metro journeys from Barcelona Airport to the city centre and vice versa.

**Bicing** is not a public bicycle rental system; it is only for subscribed users.

**Taxis** with a green light can be hailed in the street when you raise your hand.

Taxi telephone: Taxi Ecològic +34 932 78 30 00 – Radio Taxi + 34933033033

All taxis accept credit cards.

## FREE ACCESS TO MUSEUMS

The Local Organisers have agreed with most public museums that any participant of the Annual Meeting will have free access upon presentation of the Annual Meeting badge.

This is the list of museums with free access for Annual Meeting participants. You will find the same list with the museums URL at the 24<sup>th</sup> Annual Meeting website: [www.e-a-a.org/eea2018/FreeMuseums](http://www.e-a-a.org/eea2018/FreeMuseums).

<b>Museums</b>	<b>Address</b>
<b>Museu Picasso</b>	Carrer Montcada 15-23, Barcelona
<b>Museu de Ciències Naturals de Barcelona</b>	Plaça Leonardo da Vinci 4-6, Barcelona
<b>Museu Blau</b>	Plaça Leonardo da Vinci 4-6, Barcelona
<b>Jardí Botànic de Barcelona</b>	Montjuïc Mountain, Barcelona
<b>Museu Martorell</b>	Parc de la Ciutadella, Barcelona

<b>Museu de la Música</b>	Carrer de Lepant 150, Barcelona
<b>Museu Frederic Marès</b>	Plaça Sant Iu 5, Barcelona
<b>Museu d'Història de la Ciutat de Barcelona</b>	Baixada de la Llibreteria 7, Barcelona
<b>MUHBA Temple d'August</b>	Carrer Paradís 10, Barcelona
<b>MUHBA Plaça del Rei</b>	Plaça del Rei s/n, Barcelona
<b>MUHBA La Porta de Mar i les Termes Portuàries</b>	Carrer Regomir 7-9, Barcelona
<b>MUHBA Via Sepulcral Romana</b>	Pl. de la Vila de Madrid, Barcelona
<b>MUHBA Domus de Sant Honorat</b>	Carrer de la Fruita 2, Barcelona
<b>MUHBA El Call</b>	Placeta de Manuel Ribé s/n, Barcelona
<b>MUHBA Park Güell</b>	Carrer d'Olot s/n, Barcelona
<b>MUHBA a Fabra i Coats</b>	Carrer Sant Adrià 20, Barcelona
<b>MUHBA Oliva Artés</b>	Carrer d'Espronceda 142-146, Barcelona
<b>MUHBA Casa de l'Aigua</b>	Torrent de la Perera s/n, Barcelona
<b>MUHBA Refugi 307</b>	Carrer Nou de la Rambla 175, Barcelona
<b>MUHBA Turó de la Rovira</b>	Carrer Marià Labèrnia s/n, Barcelona
<b>Museu Monestir de Pedralbes</b>	Baixada del Monestir 9, Barcelona
<b>Museu Torre Balldovina</b>	Plaça de Pau Casals s/n, Santa Coloma de Gramenet
<b>Museu de l'Hospitalet</b>	Carrer de Joan Pallarès 38, L'Hospitalet de Llobregat
<b>Museu de Badalona</b>	Plaça de l'Assemblea de Catalunya 1, Badalona
<b>Museu d'Arqueologia de Catalunya</b>	Passeig de Santa Madrona 39 - 41, Barcelona
<b>Museu Etnològic de Barcelona</b>	Passeig de Santa Madrona 16, Barcelona
<b>Museu del Disseny de Barcelona</b>	Plaça de les Glòries Catalanes 37, Barcelona
<b>Museu d'Art Contemporani de Barcelona</b>	Plaça dels Àngels 1, Barcelona
<b>Museu d'Història de Catalunya</b>	Palau de Mar, Plaça de Pau Vila 3, Barcelona
<b>Museu d'Història de la Immigració de Catalunya</b>	Carretera de Mataró 124, Sant Adrià de Besòs
<b>Museu Marítim de Barcelona</b>	Av. de les Drassanes s/n, Barcelona
<b>Museu Nacional d'Art de Catalunya</b>	Palau Nacional, Parc de Montjuïc s/n, Barcelona
<b>Born Centre Cultural</b>	Plaça Comercial 12, Barcelona
<b>Arts Santa Mònica</b>	La Rambla 7, Barcelona
<b>Castell de Montjuïc</b>	Carretera de Montjuïc 66, Barcelona
<b>Museu de les Cultures del Món</b>	Montcada 12, Barcelona

## **SECURITY ALERT**

Barcelona is a safe city but do not leave your belongings unattended. As a tourist destination, pickpockets are always poised.

## **SMOKING**

Smoking is banned in public spaces, including the Annual Meeting venues, except in the designated smoking areas (see above).

## **WEATHER**

Barcelona enjoys a mild Mediterranean climate. In September, average temperatures vary between 26 and 30°C during the day and 20 - 24°C at night.

## **CREDIT CARDS AND TIPPING**

Most establishments accept credit cards. Tipping in bars and restaurants is not mandatory in Barcelona, but if you want to leave a tip, 5% is recommended.

## **OPENING HOURS**

Banks are open from 8:30 to 14:00. ATMs are widely available throughout Barcelona and most are operational 24 hours a day.

Shops usually open from 10:00 to 21:00 in the city centre and they close from 14:00 to 17:00 in other neighbourhoods.

## **LANGUAGE**

In Barcelona there are two official languages, Spanish and Catalan, but English is spoken in many stores, bars and restaurants in the city centre.

## **WATER**

Tap water is safe to drink in Barcelona but it does not have a pleasant taste.

## **EMERGENCY**

In emergency situations, you can contact the local police, ambulance service, fire department and other emergency services by calling 112. The nearest police station from the venue is at Carrer Nou de la Rambla, 76-78. For medical emergencies, the nearest hospital is Hospital del Mar at Passeig Marítim, 25-29.

All European citizens may go to a hospital with the European Health Insurance Card. All other participants will need a personal insurance health card.

## **ELECTRICITY AND PLUGS**

The plugs in Barcelona are the European style and have two round-pin outputs and a voltage of 220V.

## **TIME ZONE**

The time in Spain is UTC + 01:00.

# ONLINE SEMINAR SERIES

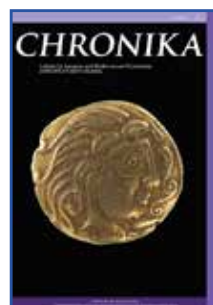
Join us for professional development and skills-building lectures from expert archaeologists on topics including:

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 College of Arts and Sciences



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# GENERAL PROGRAMME

# General Programme Summary

## SATURDAY 1 SEPTEMBER

Pre-conference excursion to Menorca

## TUESDAY 4 SEPTEMBER

### VENUE

Pre-conference excursions

09:00 - 18:00 EAA Executive Board Meeting

UB1SA

## WEDNESDAY 5 SEPTEMBER

### VENUE

09:00 - 13:00 Pre-conference excursions

09:00 - 16:00 EJA Editorial Board Meeting

UB1SA

09:00 - 16:00 EAA Communities & Committees Meetings

UB - 2<sup>nd</sup> floor

12:00 - 16:00 European Archaeology Fair (EAF)

CCCB - Hall and Pati de les Dones

12:00 - 19:00 Registration of delegates

CCCB - Hall, -1 floor

13:30 - 16:00 President's Working Lunch

7Portes Restaurant

17:00 - 19:00 Opening Ceremony

Santa Maria del Mar

19:00 - 20:30 Welcome Reception

El Born CCM

20:30 - 23:00 Awards Dinner

## THURSDAY 6 SEPTEMBER

### VENUE

07:30 - 18:30 Registration of delegates

CCCB - Hall, -1 floor

08:30 - 18:30 Parallel sessions

UB, CCCB and MAC

09:00 - 19:00 European Archaeology Fair (EAF)

CCCB - Hall and Pati de les Dones

12:40 - 14:00 Keynote lecture

José Manuel Fernández de Labastida

UB4M

13:00 - 14:00 Meeting with new EAA members

EAA Desk

18:40 - 20:00 Keynote lectures

Eszter Bánffy

CCCB4M

Dianne Gifford-Gonzalez

CCCB11A

Brit Solli

CCCB-1A

Alfredo González-Ruibal

UB4M

George Abungu

UB4G

19:00 Opening of the exhibition "The Splendour of Catalan Medieval Castles"

MAC

21:00 - 23:59 Annual Party

Razzmatazz



<b>FRIDAY 7 SEPTEMBER</b>		<b>VENUE</b>
07:30 - 16:00	<b>Registration of delegates</b>	CCCB – Hall, -1 floor
08:30 - 18:30	<b>Parallel sessions</b>	UB and CCCB
09:00 - 18:30	<b>European Archaeology Fair (EAF)</b>	CCCB – Hall and Pati de les Dones
13:00 - 14:00	<b>Meeting with EAA corporate members</b>	UB1SA
16:30 - 18:30	<b>President's Forum (session 797)</b>	UB4M
18:40 - 20:00	<b>Annual Membership Business Meeting</b>	UB4M
20:00 - 23:59	<b>MERC Party</b>	Chicken Restaurant – Olympic Port

<b>SATURDAY 8 SEPTEMBER</b>		<b>VENUE</b>
07:30 - 08:30	<b>Meeting with student volunteers</b>	UB201
07:30 - 13:00	<b>Registration of delegates</b>	CCCB – Hall, -1 floor
08:30 - 18:30	<b>Parallel sessions</b>	UB and CCCB
09:00 - 19:00	<b>European Archaeology Fair (EAF)</b>	CCCB – Hall and Pati de les Dones
13:00 - 15:00	<b>Meeting with prospective Annual Meetings' organisers</b>	UB1SA
18:40 - 20:00	<b>Keynote lectures</b>	
	Sophia Labadi	CCCB-1A
	Sultana Maria Valamoti	CCCB11A
	Paloma González-Marcén	UB4M
	Jean-Paul Demoule	UB4G
	Predrag Novaković	CCCB4M
21:00 - 23:59	<b>Annual Dinner</b>	Reials Drassanes

<b>SUNDAY 9 SEPTEMBER</b>	
Post-conference excursions	

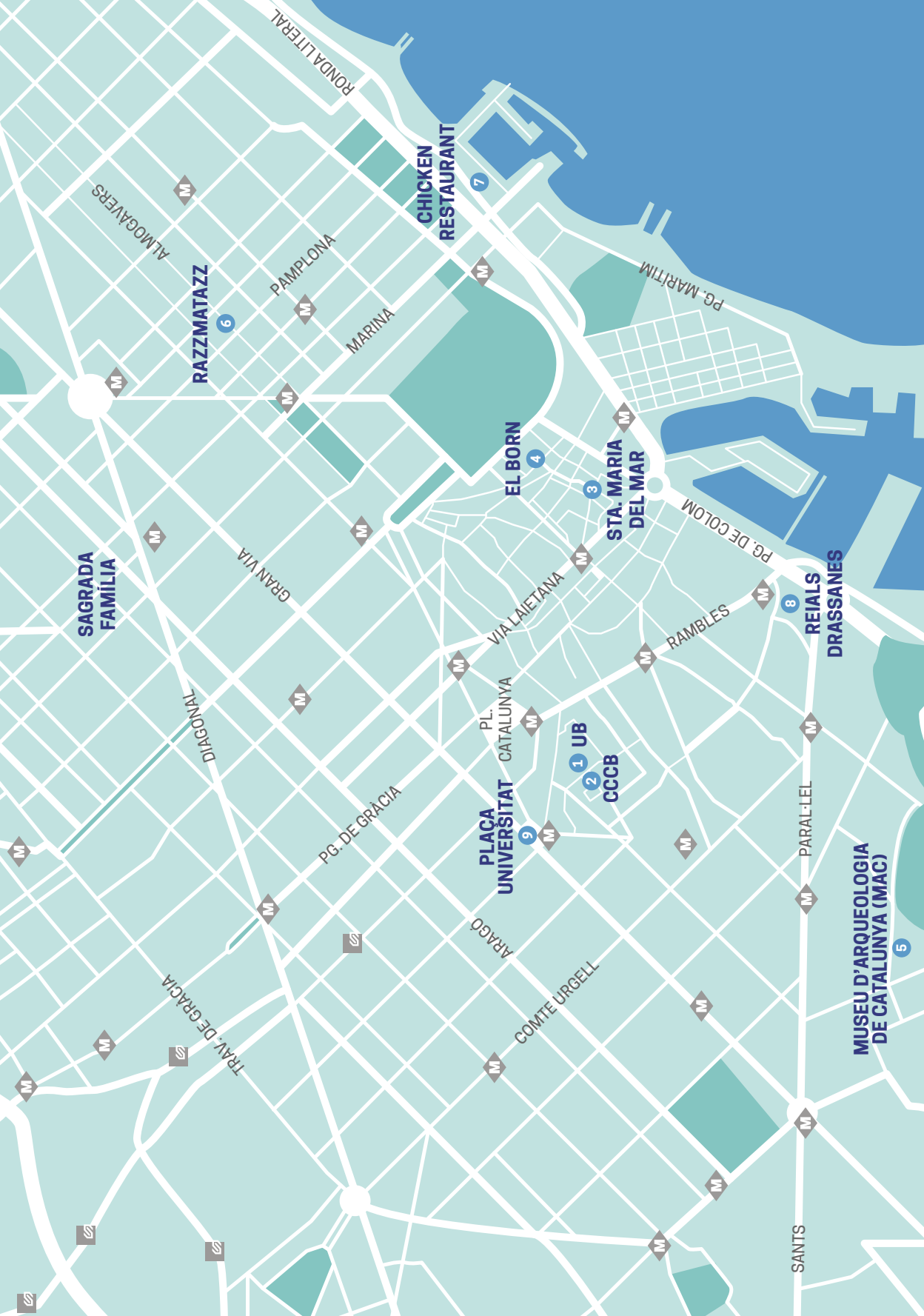
All rooms starting with UB are located at the University of Barcelona building.

All rooms starting with CCCB are located at the CCCB building.

Two sessions will have place at the Archaeology Museum of Catalunya on September 6<sup>th</sup>.

# Map of Barcelona: the Annual Meeting Venues

- 1 Faculty of Geography and History (UB)**  
EAA main venue - meeting rooms  
*Montalegre, 6*  
L1/L3 Catalunya L1/L2 Universitat
- 2 CCCB - Centre of Contemporary Culture of Barcelona**  
EAA main venue - European Archaeology Fair  
*Montalegre, 5*  
L1/L3 Catalunya L1/L2 Universitat
- 3 Santa Maria del Mar**  
Opening Ceremony. Wednesday 5 September at 17:00  
*Plaça de Santa Maria, 1*  
L4 Jaume I
- 4 Born Centre for Culture and Memory**  
Welcome Reception. Wednesday 5 September at 19:00  
*Plaça Comercial, 12*  
L4 Jaume I
- 5 Museu d'Arqueologia de Catalunya (MAC)**  
Sessions, Exhibition, Opening and Cocktail. Thursday 6 September at 19:00  
*Passeig de Santa Madrona, 39-41. Parc Montjuïc.*  
L3 Poble Sec
- 6 Razzmatazz**  
Annual Party. Thursday 6 September at 21:00  
*Carrer dels Almogàvers, 22*  
L4 Llacuna/Bogatell- L1 Marina
- 7 Chicken Restaurant**  
MERC Party. Friday 7 September at 20:00  
*Carrer de la Marina, 16. Olympic Port*  
L4 Ciutadella
- 8 Reials Drassanes**  
Annual Dinner. Saturday 8 September at 21:00  
*Avinguda de les Drassanes, s/n*  
L3 Drassanes
- 9 Plaça Universitat**  
Bus excursions departure  
L1/L2 Universitat



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REIALS DRASSANES

TRAV. DE GRACIA

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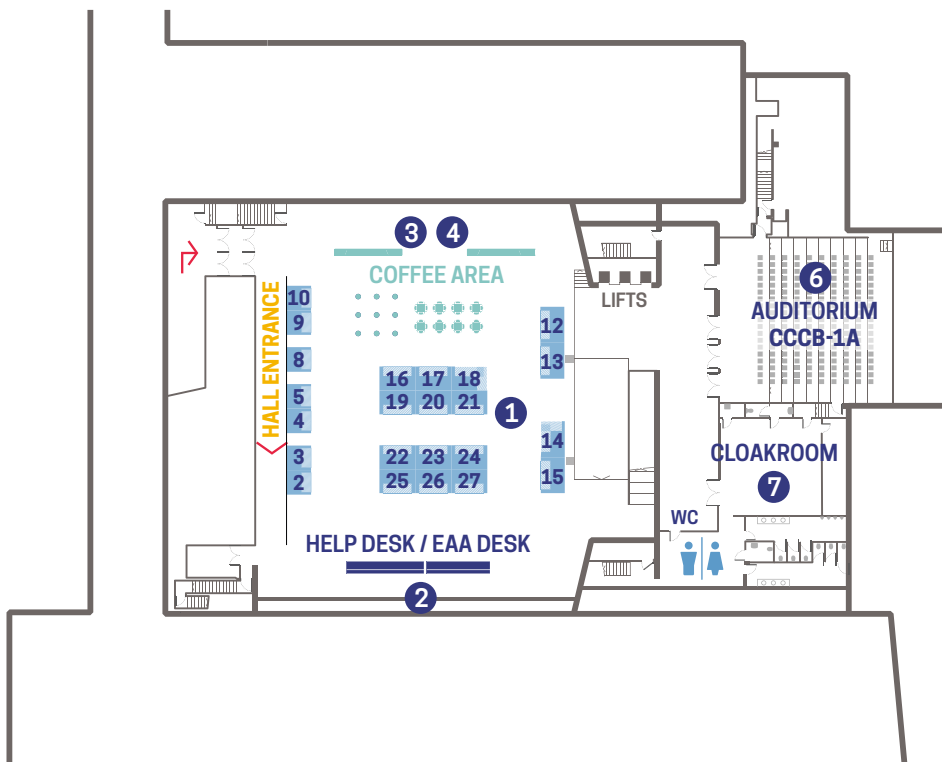
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# CCCB Venue

Montalegre, 6

Hall,  
-1 floor



- 1** EAF - European Archaeology Fair
- 2** Help Desk/EAA Desk  
Registration
- 3** Coffee Area
- 4** Packed Lunch
- 5** Meeting Point
- 6** Meeting rooms  
CCCB11A / CCCB12A /  
CCCB4M / CCCB-1A
- 7** Cloakroom

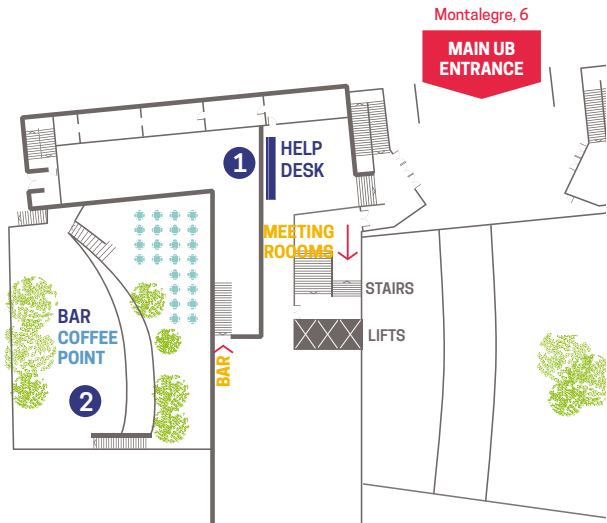
# UB Venue

(Faculty of Geography and History. University of Barcelona)

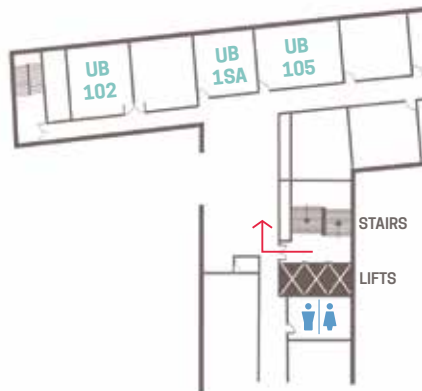
Montalegre, 6

- 1 **Ground floor**  
Help Desk
- 2 **- 1 floor bar**  
Coffee point
- 3 **1<sup>st</sup> floor meeting rooms**  
UB102 / UB1SA / UB105
- 4 **2<sup>nd</sup> floor meeting rooms**  
UB201 to UB222  
Posters 66 to 493  
Coffee points
- 5 **3<sup>rd</sup> floor meeting rooms**  
UB301 to UB311  
Posters 495 to 614  
Coffee points
- 6 **4<sup>th</sup> floor meeting rooms**  
UB401 to UB412  
Poster 618 to 790  
Coffee points

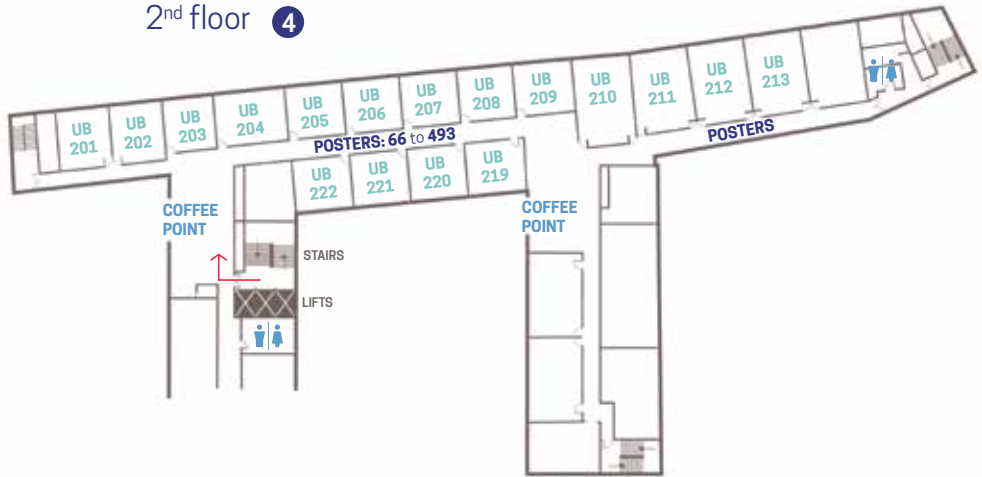
Ground floor



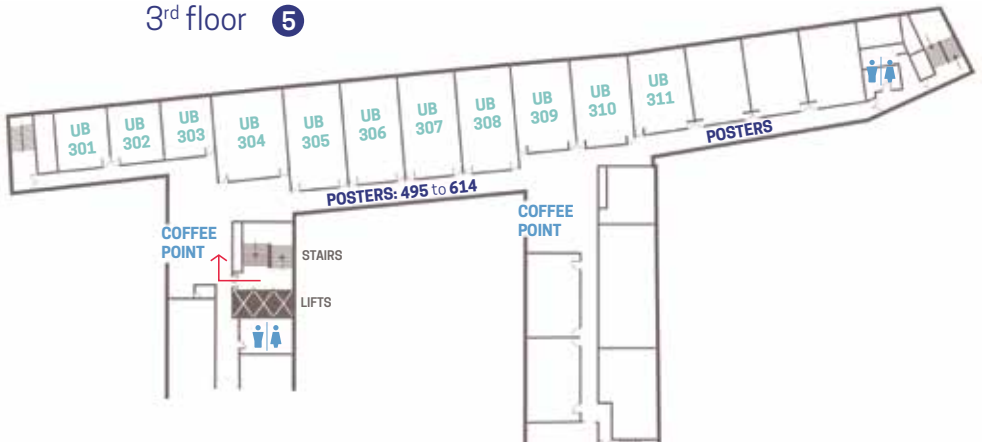
1<sup>st</sup> floor 3



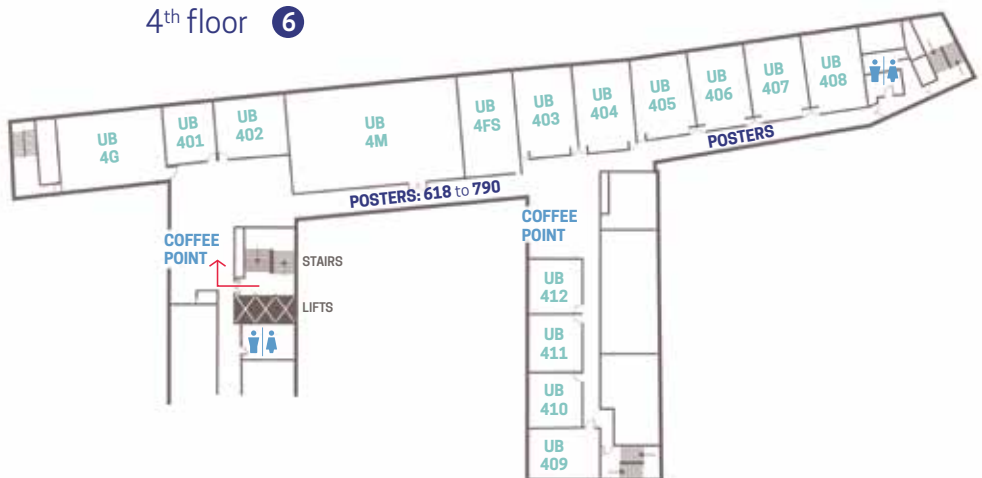
2<sup>nd</sup> floor 4



3<sup>rd</sup> floor 5



4<sup>th</sup> floor 6



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# Annual Meeting Social Programme

## OPENING CEREMONY

**Wednesday 5 September 2018, 17:00 - 19:00**

**Santa Maria del Mar**

*Plaça de Santa Maria, 1*

The Opening of the Annual Meeting will take place in Santa Maria de Mar. The Basilica of Santa Maria del Mar is one of the most interesting Gothic buildings in Catalonia. It is a building with three naves, an ambulatory and a crypt, with a highly expressive decorative style that pays tribute to those who made its construction happen: the humble people of the neighbourhood of La Ribera in Barcelona. Accordingly, it has entered collective memory as "the cathedral of the poor". The fact is that the workers of the guilds in the neighbourhood (ship builders, dock workers, etc.) contributed with money and labour in order to construct the religious building.

The basilica is built on an earlier Romanesque style church which, in turn, was built over a paleo-Christian temple on a burial ground in the suburbium of the Roman city.

### Opening by

**Local Organising Committee**

**Margarita Díaz-Andreu**, ICREA and University of Barcelona

**Raquel Piqué**, Autonomous University of Barcelona

**Sandra Montón**, ICREA and Pompeu Fabra University

**Joan Elias i Garcia**, Rector of the University of Barcelona

**A representative** from the Autonomous Government of Catalonia

**A representative** from Barcelona City Council

**David Abadías**, Dean of the Faculty of Archaeology and Christian Arts Antoni Gaudí

Performance: **Guitar Concert**

### Words of

**Felipe Criado-Boado**, President of EAA

**Presentation of the European Archaeological Heritage Prize 2018**

**Presentation of 2018 Student Award**

Performance: **Guitar Concert**

### Lectures by

**Sonia Gutiérrez**, University Institute for Research into Archaeology and Historical Heritage-INis. APH, University of Alicante

**Francisco Gracia Alonso**, Department of History and Archaeology, University of Barcelona

Performance: **Organ of Santa Maria del Mar**

## WELCOME RECEPTION

**Wednesday 5 September 2018, 19:00 - 20:30**

**El Born Centre for Culture and Memory**

*Plaça Comercial, 12*

A Welcome Reception will be offered at El Born Centre for Culture and Memory, the former El Born wholesale market situated in Barcelona city centre, three minutes walking distance from Santa Maria del Mar.

There will be a performance by "castellers" (human towers) and a welcome drink offered by Barcelona City Council.

One of Catalonia's most famous traditions is that of the "castells" (human towers), formed by teams of people who climb on one another's shoulders to reach skyward, sometimes as many as ten storeys high. There is no mechanical form of assistance and tens or even hundreds of people can take part in it. The "castellers" are the people who take part in this activity which is over 200 years old.

Acknowledged as Intangible Cultural Heritage by UNESCO, its origin is believed to be around the area of Tarragona, Catalonia's second most important province after Barcelona. During the 20<sup>th</sup> century this practice spread all over Catalonia. The "castellers" are grouped into "colles" or teams which normally take the name of their place of origin.

## EXHIBITION AT THE ARCHAEOLOGY MUSEUM OF CATALONIA

### Opening and Cocktail

**Thursday 6 September at 19:00**

Only for those who have booked in advance through registration.

The badge is necessary for admission.

### Archaeology Museum of Catalonia

*Passeig de Santa Madrona, 39-41. Parc de Montjuïc, 08038 Barcelona*

[www.mac.cat](http://www.mac.cat) | @macarqueologia

### The splendour of Catalan medieval castles

As a border territory for most of the Middle Ages, Catalonia is an ideal location for the observation, study and understanding of the evolution of castles. This was even truer when the region became a place for the sharing of knowledge and technical advances due its geographical location and its historical context of confrontation-relations between two very powerful yet permeable cultures in the Iberian Peninsula: Muslims and Christians.

## **ANNUAL PARTY**

**Thursday 6 September at 21:00**

**Sala Razzmatazz**

*Carrer dels Almogàvers, 22*

The Annual Party will be held at Sala Razzmatazz, an industrial building converted into a club. Open from 21:00 to 23:59.

Live music, Catalan rumba Sabor de Gràcia at 22:00 and at 23:15.

Disc-jockey. One free drink will be offered to all participants.

## **ANNUAL MEMBERSHIP BUSINESS MEETING**

**Friday 7 September 2018, 18:40 - 20:00**

**UB4M - UB Building**

*Montalegre, 6*

The EAA Annual Membership Business Meeting (AMBM) is open to all EAA members attending the Annual Meeting. At the meeting, the EAA Board reviews the past years achievements and the Association's financial condition, and discusses with the members the new initiatives programmed for the coming year. All members are encouraged to contribute and participate in the AMBM proceedings and have the right to vote on issues that are relevant and important to the business and operation of the Association. The results of the annual EAA elections are announced during the AMBM and members are traditionally invited to attend the next year's Annual Meeting by the local organisers.

The agenda for the AMBM is normally circulated to all current members by email no later than 15 days before the Annual Meeting.

## **MERC PARTY**

**Friday 7 September at 20:00**

**Chicken Restaurant**

*Olympic Port. Carrer de la Marina, 16*

This party includes dinner and drinks but is only for participants who have paid for it through the registration form. If you wish to attend and have not yet registered, please ask at the Help Desk if there is still availability.

## ANNUAL DINNER

**Saturday 8 September at 21:00**

**Reials Drassanes**

*Avinguda de les Drassanes, s/n*

The architectural complex of the Royal Shipyards of Barcelona is home to the Maritime Museum. It is one of the most important civil Gothic monuments in the world. It is a first-class cultural facility located in the historic centre of Barcelona with ample capacity to host events.

The dinner will take place in the Sala Marquès de Comillas, a space covering 1,700 sq. m. which is the spectacular, emblematic result of the enlargement of the Gothic naves of the building which date back to the 17<sup>th</sup> century. The recently restored building forms the hub of the Royal Shipyards and provides an incomparable setting for concerts and other events.

**The dinner is not included in the registration fee.** The price is €55 (incl. 10% VAT).

Tickets can be purchased at the Help Desk until 6 September, if available.

Typical Spanish food will be served in a buffet setting.

Disc-jockey

After dinner drinks. If you do not want to attend the dinner, come and join us for a drink after 22:30. Drinks should be paid directly at the bar.



14



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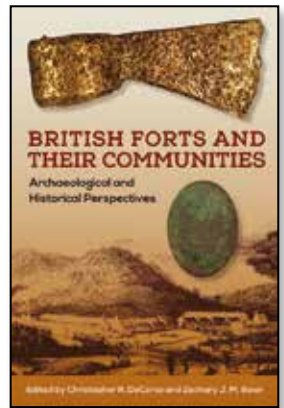
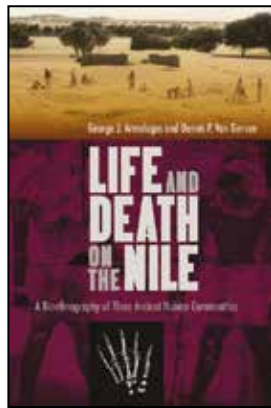
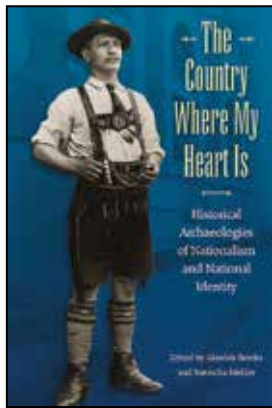
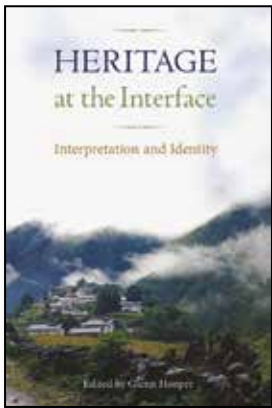
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*Archaeological and Historical Perspectives*  
 CHRISTOPHER R. DECORSE AND ZACHARY J. M. BEIER, EDS.

**Victims of Ireland's Great Famine**  
*The Bioarchaeology of Mass Burials at Kilkenny Union Workhouse*  
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For pricing information and to order in the US:  
[upress.ufl.edu/EAA18](http://upress.ufl.edu/EAA18) • 800.226.3822

# Excursions

Excursions are for those participants who have purchased them through the registration form. If you have not booked and you are interested in any of the excursions on 9 September, please ask at the Help Desk if there is still availability. All excursions will be guided by a volunteer and explained by an archaeologist. A detailed programme is on the website: [www.e-a-a.org/ea2018/excursions](http://www.e-a-a.org/ea2018/excursions)

## 1-4 SEPTEMBER

### Menorca (four-day excursion)

## 4 SEPTEMBER

### Ullastret and Empúries

08:00 **Departure from Barcelona**  
Plaça Universitat by bus

20:00 **Arrival in Barcelona**  
Plaça Universitat

**Lunch included**

### Tarraco

07:30 **Departure from Barcelona**  
Plaça Universitat by bus

19:00 **Arrival in Barcelona**  
Plaça Universitat

**Lunch included**

### Vilars d'Arbeca and Seu Vella

08:00 **Departure from Barcelona**  
Plaça Universitat by bus

18:20 **Arrival in Barcelona**  
Plaça Universitat

**Lunch included**

### Serinyà prehistoric cave and La Draga neolithic site

08:30 **Departure from Barcelona**  
Plaça Universitat by bus

17:30 **Arrival in Barcelona**  
Plaça Universitat

**Lunch included**

## 5 SEPTEMBER

### Mines of Gavà archaeological site

09:00 **Departure from Barcelona**  
Plaça Universitat by bus

12:15 **Arrival in Barcelona**  
Plaça Universitat

**Lunch not included**

### Iberian citadel in Calafell (Baix Penedès region)

09:30 **Departure from Barcelona**  
Plaça Universitat by bus

14:30 **Arrival in Barcelona**  
Plaça Universitat

**Lunch not included**

### Sites in Barcelona

09:00 **Departure from CCCB on foot**  
13:30 **Return by public transport**

**Lunch not included**

### Roca dels Moros rock art site at Cogul

08:00 **Departure from Barcelona**  
Plaça Universitat by bus

13:30 **Arrival in Barcelona**  
Plaça Universitat

**Lunch not included**

## 9 SEPTEMBER

### Churches of Sant Pere de Terrassa and the archaeological site of L'Esquerda

08:00 **Departure from Barcelona**

Plaça Universitat by bus

17:30 **Arrival in Barcelona**

Plaça Universitat

**Lunch included**

### Abric Romaní / Romaní cave

08:30 **Departure from Barcelona**

Plaça Universitat by bus

13:00 **Arrival in Barcelona**

Plaça Universitat

**Lunch not included**

### Badalona Museum

09:00 **Departure from CCCB by public transport**

13:30 **Arrival in Barcelona by public transport**

**Lunch not included**



# Archaeology in the Street



## A SPECIAL PROGRAMME FOR BARCELONA CITIZENS

In order for archaeology to reach out to everybody in Barcelona during the EAA Annual Meeting, a host of activities have been planned for citizens and visitors to the city, although participants to the Annual Meeting are also welcome. This event has been funded by the University of Barcelona and Barcelona City Council and is connected to the aims of the European Year of Cultural Heritage (EYCH) 2018. The programme has been organised by M. Díaz-Andreu, Laura Coltofean and Isidre Pastor.

The Archaeology in the Street events will take place in a constellation of public spaces of Barcelona, including the area where the EAA Annual Meeting is taking place, and will include cinema, talks given in many neighbourhoods of Barcelona, a heritage walk, three historical reenactment performances and hands-on archaeo-activities.

No registration or booking is required, but please take into account that Catalan will be used for most activities.

You can find the full programme at [www.e-a-a.org/EAA2018/PublicEvents](http://www.e-a-a.org/EAA2018/PublicEvents). Of them all, please find below the following activities that will take place at the venue of the Annual Meeting:

### THURSDAY 6 SEPTEMBER

17:00 - **OPEN DAY Archaeological excavation of the Antoni Tarrés ornamental pottery factory (18<sup>th</sup>-19<sup>th</sup> centuries)**  
19:00

at the Faculty of Geography and History

Organiser: Josep M. Gurt

The site will be explained by UB UG students.

19:00 **PARTICIPATIVE WALK THROUGH THE URBAN HERITAGE OF BARCELONA**

Group: Group of Public Archaeology and Heritage (GAPP)

Meeting point: Gate of the Faculty of Geography and History

### FRIDAY 7 SEPTEMBER

17:00 - **OPEN DAY Archaeological excavation of the Antoni Tarrés ornamental pottery factory (18<sup>th</sup>-19<sup>th</sup> centuries)**  
19:00

at the Faculty of Geography and History

Organiser: Josep M. Gurt

The site will be explained by UB UG students.

18:00 - **HISTORICAL REENACTMENT**  
20:00 Projecte Phoenix – enlightening demonstration on particular aspects of Roman civilisation, from everyday lifestyle to state ceremonies, military and political demonstrations.  
[www.tarracoviva.com](http://www.tarracoviva.com)  
Group: Projecte Phoenix  
Location: Plaça de Joan Coromines  
Language: Catalan

## **SATURDAY 8 SEPTEMBER**

11:00 - **HISTORICAL REENACTMENT**  
14:00 Ibercalafell – various historical reenactment performances intended to raise awareness of Iberian culture in a pleasant, entertaining way for people of all ages, regardless of educational background.  
[ibercalafell.org.es](http://ibercalafell.org.es)  
Group: Ibercalafell  
Location: Plaça de Joan Coromines  
Language: Catalan

11:00 - **ARCHAEOexperimentation**  
12:00 **Cuisine: archaeological food workshops**  
and Archaeological food workshops. This activity offers an interesting, original insight into the Roman world through a sensory-based, active task where the senses of taste and smell are used by participants to discover the realm of spices and condiments in an entertaining manner.  
12:00 -  
13:00  
Group 1: KuanUm (Roman cuisine demonstration)  
[kuanum.blogspot.com.es](http://kuanum.blogspot.com.es)

### **Palaeolithic experimentation**

Location: Maria Victòria dels Àngels Gardens, Faculty of Geography and History  
Language: Catalan

11:00 - **ARCHAEOexperimentation**  
12:00 **Pre-historic archaeology**  
and We offer the general public an insight into life in the past. Based on experimentation and hands-on tasks, participants become the stars of prehistory.  
12:00 -  
13:00  
Group 2: Antoni Palomo (MAC) (experimental archaeology)  
Location: Maria Victòria dels Àngels Gardens, Faculty of Geography and History  
Language: Catalan

### **ARCHAEOcinema**

**in the Filmoteca de Catalunya in original language**

Please see program at [www.filmoteca.cat](http://www.filmoteca.cat).

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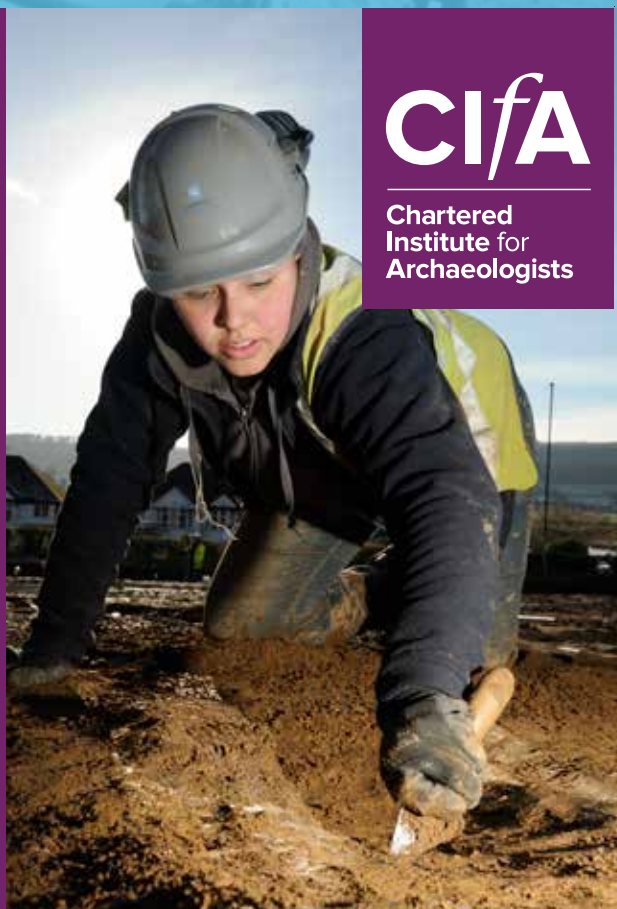
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[www.archaeologists.net](http://www.archaeologists.net)



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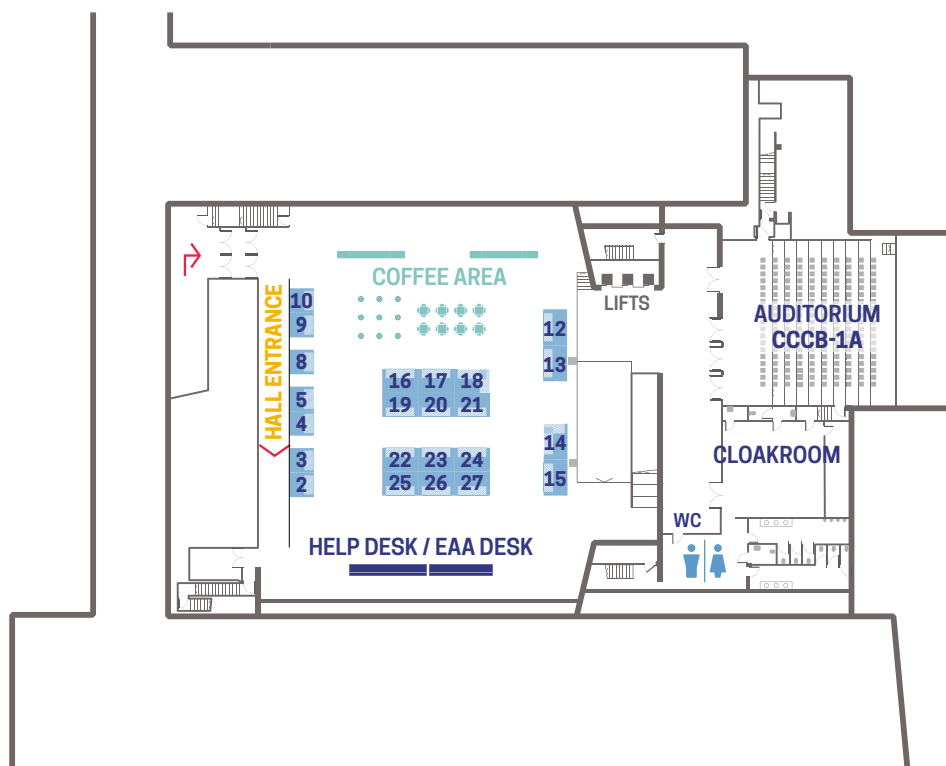
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# EUROPEAN ARCHAEOLOGY FAIR

Hall, -1 floor, CCCB

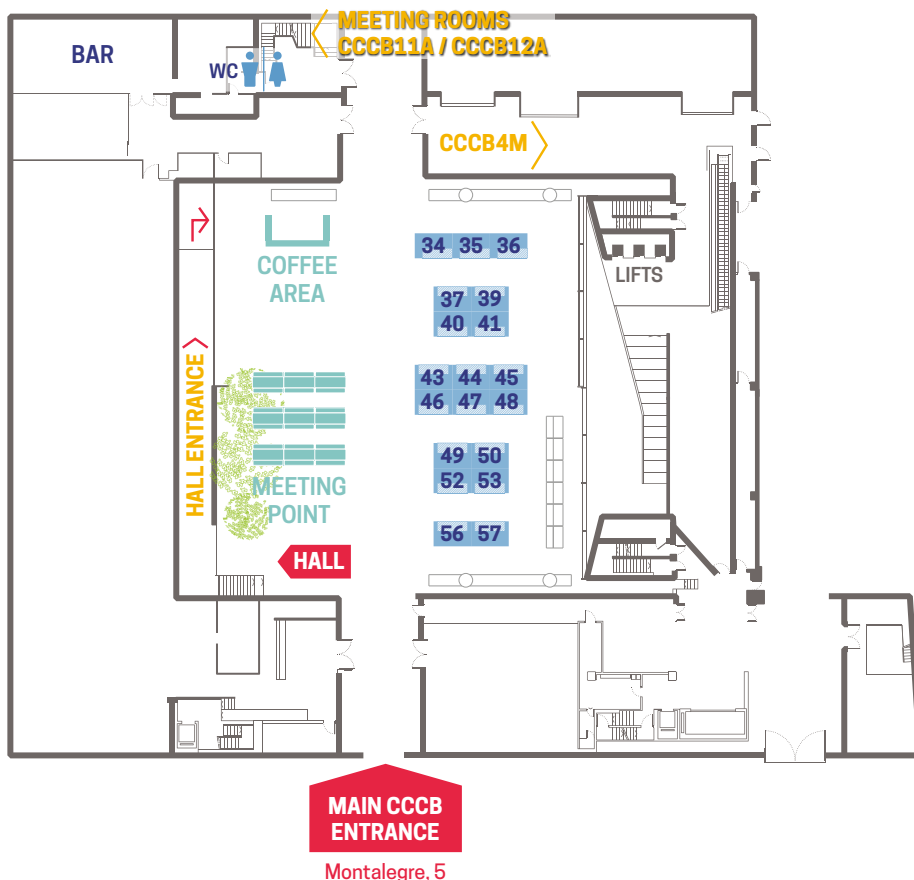


## EXHIBITORS LIST

- |  |  |
|--|--|
| 02. Society for American Archaeology                     | 17. Bruker   |
| 03. Institute for European and Mediterranean Archaeology | 18. Oxbow Books  |
| 04. Department of Archaeology, Durham University         | 19. Cambridge University Press                               |
| 05. Archaeological Institute of America                  | 20. Equinox Publishing Ltd.                                  |
| 08. Intrasis   | 21. Groningen Institute of Archaeology                       |
| 09. Chartered Institute for Archaeologists               | 22. Archaeology Campus UAB                                   |
| 10. Marie Curie Alumni Association                       | 23. Generalitat de Catalunya (Catalan Government)            |
| 12. 7Reasons Medien GmbH                                 | 24. Barcelona City Council                                   |
| 13. The Island Council of Menorca                        | 25 / 26. European Association of Archaeologists              |
| 14. Archaeopress   | 27. EAA 25 <sup>th</sup> Annual Meeting in Bern, Switzerland |
| 15. SENSYS Sensorik & Systemtechnologie GmbH             |  |
| 16. Taylor & Francis                                     |  |

# EUROPEAN ARCHAEOLOGY FAIR

Pati de les Dones, CCCB



## EXHIBITORS LIST

- |   |   |
|---|---|
| 34. CRC 1266  | 44. CSIC Editorial  |
| 35. University of Barcelona   | 45. Sensors & Software  |
| 36. Axencia Galega de Innovación (GAIN), Consellería de Economía, Emprego e Industria, Xunta de Galicia | 46. Beta Analytic   |
| 37. Brepols Publishers  | 47. All'Insegna del Giglio, Edipuglia, SAP Società Archeologica |
| 39. Daiichigosei Co. Ltd.   | 48. Archaeolingua Foundation                                    |
| 40. BAR Publishing  | 49. Oxford University Press                                     |
| 41. Amélie SARL   | 50. The Island Government of Gran Canaria                       |
| 43. ArchAIDE  | 52. Editions de Boccard   |
|   | 53. Lithodomos  |
|   | 56/57. Strati Concept / Strati-Arqueogal                        |

# European Archaeology Fair (EAF)

The European Archaeology Fair (EAF) is held from 5 to 8 September 2018 at the Centre of Contemporary Culture of Barcelona (CCCB) in the entrance hall and courtyard:

- The hall (-1 floor, underground)
- The courtyard on the ground floor

## EAF OPENING TIMES

- |                              |               |
|------------------------------|---------------|
| — Wednesday 5 September 2018 | 12:00 – 16:00 |
| — Thursday 6 September 2018  | 09:00 – 19:00 |
| — Friday 7 September 2018    | 09:00 – 18:30 |
| — Saturday 8 September 2018  | 09:00 – 19:00 |



## 02. SOCIETY FOR AMERICAN ARCHAEOLOGY



The Society for American Archaeology (SAA) is an international organisation dedicated to the research, interpretation and protection of the archaeological heritage of the Americas. With more than 7,500 members, the SAA offers a variety of benefits, including access to *American Antiquity*, *Latin American Antiquity* and *Advances in Archaeological Practice* as well as *The SAA Archaeological Record*. Member benefits include the Online Seminar Series, a Government Affairs newsletter and discounts on titles from The SAA Press and certain journals from Cambridge University Press, as well as SAA meeting registrations. The SAA hosts an annual meeting and specialised meetings. Members can participate in more than 40 committees and 20 interest groups. Awards and scholarships programmes are also available.

Learn more at [www.saa.org](http://www.saa.org)

## 03. INSTITUTE FOR EUROPEAN AND MEDITERRANEAN ARCHAEOLOGY



The Institute for European and Mediterranean Archaeology (IEMA) is a premier research centre at the University of Buffalo with interdisciplinary faculty drawn from Anthropology, Classics, Art History and Biological Sciences. The IEMA offers interdisciplinary master's programmes, fieldwork opportunities in Europe, scholarships, laboratories and publications with SUNY Press.

[iema.buffalo.edu](http://iema.buffalo.edu)

## 04. DEPARTMENT OF ARCHAEOLOGY, DURHAM UNIVERSITY



Welcome to Durham Archaeology. Our research, teaching and reputation are world-class: we are ranked one of the top two archaeology departments in the UK (e.g., *Research Excellence Framework 2014*, *The Guardian University Guide 2018*, *Complete University Guide 2018*) and one of the top four globally (*World University QS rankings 2017*). Our expertise covers a broad chronological and geographical span, from the Palaeolithic to the present-day, and from South Asia to Europe and the British Isles; we run fieldwork projects across the world. We have cutting-edge laboratories, extensive commercial infrastructure and a network of heritage-sector collaborators. We pride ourselves on producing thoughtful, intelligent and employable students at all levels. Find out more about our taught undergraduate and postgraduate courses, research degrees, or our research activities at:

[www.dur.ac.uk/archaeology](http://www.dur.ac.uk/archaeology)

## 05. ARCHAEOLOGICAL INSTITUTE OF AMERICA



The Archaeological Institute of America (AIA), founded in 1879, is North America's oldest and largest archaeological organisation. The AIA works to create an informed public interest in the cultures and civilisations of the past; supports archaeologists, their research and its dissemination; promotes the ethical practice of archaeology; advocates for the preservation of archaeological heritage; and encourages community-based outreach. Today, the AIA has over 200,000 members and 110 local societies in the United States, Canada and overseas. Each year the AIA offers fellowships for travel, study and publications to deserving scholars and students. Through its Site Preservation programme the AIA supports projects in more than a dozen countries around the world.

To find out more about the AIA, go to [www.archaeological.org](http://www.archaeological.org).

## 08. INTRASIS



Intrasis is owned by The Archaeologists, National Historical Museums, Sweden. The Archaeologists is Sweden's leading consultant on archaeology and cultural environments, with a focus on knowledge building. It is part of the government agency National Historical Museums (SHMM). The organisation comprises about 100 employees in five different offices in five regions: Hägersten, Uppsala, Linköping, Lund and Mölndal. The aim is to conduct modern and effective archaeology with high scientific ambitions and rational methods. In addition to archaeologists, the organisation has a range of other specialists. They focus on areas including geoarchaeology, osteology, archaeobotany, analysis of old maps and method development. The Archaeologists also have experts in digital documentation, battlefield archaeology and archaeological prospecting.

[www.arkeologerna.com](http://www.arkeologerna.com) · [www.intrasis.com](http://www.intrasis.com)

## 09. CHARTERED INSTITUTE FOR ARCHAEOLOGISTS



CIFA is the leading professional body representing archaeologists working in Europe. We strive to:

- represent the interests of archaeology and archaeologists to government, policy makers and industry;
- set standards and issue guidelines;
- improve career prospects by promoting professional development and providing training opportunities;
- improve employment practices and raise standards of work through our Registered Organisations scheme.

Our members are professionally accredited and skilled in the study and care of the historic environment. They sign up to a rigorous code of conduct, professional development (CPD) schemes and complaints procedures to uphold competence and standards in archaeology.

ClfA champions professionalism in archaeology, which is good for practitioners, clients and the public. We do this by setting standards, improving careers and promoting good practice.

[www.archaeologists.net](http://www.archaeologists.net)

## 10. MARIE CURIE ALUMNI ASSOCIATION



We envision a future in which knowledge will be used to benefit society. We support and contribute to the advancement of knowledge for a global, diverse and informed society. The MCAA connects researchers throughout Europe and around the world to enable international transdisciplinary collaborations.

We have a number of aims, including to:

- enhance the flow of knowledge across different countries, sectors of the economy and scientific disciplines;
- encourage networking, cooperation and mutual understanding among MCAA members and external stakeholders; and
- serve as a forum of debate for researchers and citizens.

The Marie Curie Alumni Association was launched initially as a restricted-access website in 2012. In November 2013, the first general meeting of registered users of this website was held in Brussels; this paved the way for the official creation of the MCAA as an AISBL (international non-profit association) under Belgian law on 7 February 2014. Membership of the MCAA is free of charge and open to any past or present Marie Curie researcher; i.e., any past or current beneficiary of funding under any of the past or present schemes proposed as part of the European Commission's Marie Curie programme, which encourages international mobility among researchers. Around 100,000 researchers have already benefitted from the programme and this number is rising fast. The association is governed by a Board elected by the MCAA members; a small group of board members constitute an Executive Committee. Funding and support for the MCAA is provided by the European Commission (Directorate General for Education and Culture) in the form of a service contract set up (following a public call for tender) with a contractor (a consortium of two commercial companies, Inovamais and Intrasoft International) who undertakes a range of actions to assist in the creation, development and running of the association.

[www.mariecuriealumni.eu](http://www.mariecuriealumni.eu)

## 12. 7REASONS MEDIEN GMBH



For over 15 years, 7reasons has produced multimedia content and supplied information technology solutions for renowned companies and institutions. Lately, beside classical media production, we have specialised in visualising and explaining research results in exhibitions, documentaries, print and interactive media, as well as the development of robust hardware for use in public areas such as museums, exhibitions and the point of sale. Our multidisciplinary team, based in Vienna and Barcelona, includes software developers, hardware specialists, designers, 3D artists, architects, archaeologists and cultural heritage specialists so the gap between science and art can be easily bridged.

Apart from traditional content presentation, we offer 3D documentation, 3D modelling, app development, AR and VR technology, 3D printing, motion capture services, large screen projections and aerial photography.

[www.7reasons.net](http://www.7reasons.net)

## 13. THE ISLAND COUNCIL OF MENORCA



The pre-history of Menorca is currently nominated to reach World Heritage status. A culture with unique, exclusive traits which evolved in an insular environment over more than 2,000 years sprang up on this island. This uniqueness, along with the integrity of its monumental cyclopean constructions, can still be seen today due to their great state of preservation. Some of these constructions, such as funerary navetes and taulas, are unique in the world. The density of archaeological sites is also unusual: Menorca, with a surface area of just 700 sq. km, has more than 1,500 pre-historic sites. The interrelation between landscape, territory and archaeology makes Talaiotic Menorca unique.

## 14. ARCHAEOPRESS



Archaeopress is an Oxford-based publisher run by archaeologists Dr David Davison and Dr Rajka Makjanic. Archaeopress is devoted to publishing academic work on all aspects of archaeology worldwide across multiple imprints including Archaeopress Archaeology (peer-reviewed monographs and edited volumes) and Access Archaeology (refereed open access/print monographs and edited volumes). The range of our publications includes monographs, conference proceedings, catalogues of archaeological material, excavation reports and archaeological biographies. Material is published in various formats including print, e-books, journals and open access. Our growing journal list includes the *Journal of Greek Archaeology* (print/online), the *Journal of Hellenistic Pottery and Material Culture* (print/open

access), *Ash-sharq: Bulletin of the Ancient Near East* (print/online), *ARAMAZD: Armenian Journal of Near Eastern Studies* (print/online), *EX NOVO*, archaeology and heritage studies (print/open access) and *Proceedings of the Seminar for Arabian Studies* (print/online). Archaeopress is also pleased to distribute a selection of archaeological presses in the UK and Europe including Pottingair Press, Cornucopia Books and JAS Arqueología S.L.U. Visit our website to see our full range of books, e-books, journals and open access content: [www.archaeopress.com](http://www.archaeopress.com)

## 15. SENSYS SENSORIK & SYSTEMTECHNOLOGIE GMBH



SENSYS is a manufacturer of non-invasive geomagnetic and electromagnetic survey systems for archaeological and geophysical prospection. The product range varies from handheld magnetometer devices, push-cart systems to vehicle towed multi-channel magnetometer systems (up to 32 probes) using precise RTK D-GPS equipment. Such systems scan up to 10 hectares a day and are used across Europe, Asia and recently in Ohio, USA, to get a full picture of the Hopewell Mound Group and Seip Earthworks. [www.sensysmagnetometer.com](http://www.sensysmagnetometer.com)

## 16. TAYLOR & FRANCIS



Routledge, an imprint of the Taylor & Francis group, is one of the world's leading publishers of scholarly journals, books, e-books, text books and reference works. The Taylor & Francis Group partners with world-class authors, from leading scientists and researchers, to scholars and professionals operating at the top of their fields. Together, we publish in all areas of the Humanities, Social Sciences, Behavioural Sciences, Science, Technology and Medicine sectors. The Routledge journals in the archaeology portfolio include publications such as *World Archaeology*, *Environmental Archaeology* and the *Journal of Field Archaeology*.

## 17. BRUKER



Bruker is known worldwide as a leader in all forms of analytical equipment useful for archaeological investigations, including FT-IR, Raman and X-ray fluorescent spectrometers. The ALPHA II FT-IR identifies molecular structures and components to help determine optimum cleaning methods and solvents. Bruker's BRAVO handheld Raman analyser determines molecular content of inorganic and organic compounds. The TRACER series handheld XRF spectrometer is the de facto standard in portable XRF analysers used for archaeological studies to provide elemental identification and quantification. The ELIO portable XRF analyser integrates with a programmable X-Y scanner for dramatic visualisation of the distribution of elements.

## 18. OXBOW BOOKS



Oxbow Books was founded in 1983 by David Brown and started life in a shed in the garden of St Cross College, Oxford. Now a major academic publisher, distributor and bookseller, Oxbow Books is a one-stop shop for books covering all areas of archaeology, ancient history and the medieval world. Oxbow Books aims to produce high-quality publications, provide our customers with the best information on the books in our field and provide a single destination where they can be bought.

## 19. CAMBRIDGE UNIVERSITY PRESS



Cambridge University Press' publishing in books and journals combines state-of-the-art content with the highest standards of scholarship, writing and production. Visit our stand to browse new titles, available at 20% discount, and to pick up sample copies of our journals. Visit our website to find out more about what we do:

[www.cambridge.org/academic](http://www.cambridge.org/academic) / [www.cambridge.org/academic](http://www.cambridge.org/academic)

## 20. EQUINOX PUBLISHING LTD



Equinox Publishing Ltd is an independent academic publisher based in Sheffield, UK. In archaeology we have over 55 published titles and about 6 new books each year. Our recently published titles include *Regional Approaches to Society and Complexity* (Knodell and Leppard, eds), *The Sheep People* (Oma) and the three volume set *The Early Settlement of Northern Europe* (series ed: Glørstad). Our archaeology journals include *Journal of Mediterranean Archaeology*, *Journal of Contemporary Archaeology*, *Journal of Islamic Archaeology*, *Journal of Glacial Archaeology* and *Journal of Skyscape Archaeology*. In 2017 we launched *Archaeological and Environmental Forensic Science*. For libraries, we offer attractively priced e-book and journal packages in archaeology.

## 21. GRONINGEN INSTITUTE OF ARCHAEOLOGY



The Groningen Institute of Archaeology, the oldest archaeological Institute in the Netherlands, engages in archaeological research and runs international field projects in north-western Europe, the Mediterranean, the Near East and the Polar Regions. The Institute stimulates the study of past human societies and their environments, from Palaeolithic hunter-gatherers to complex urban societies. It possesses unique archaeological, zooarchaeological and archaeobotanical reference collections, excellent conservation and GIS laboratories, as well as drawing facilities and technical support.

The Institute of Archaeology is closely connected to the Department of Archaeology. The Bachelor and the 1-year Master in Archaeology have been evaluated as the best Archaeology programmes in the Netherlands for several years in a row. In 2017 we launched the new 2-year (English-speaking) Research Master in Archaeology, already the best Archaeology Master in the Netherlands!

[www.rug.nl/research/groningen-institute-of-archaeology](http://www.rug.nl/research/groningen-institute-of-archaeology)

## 22. ARCHAEOLOGY CAMPUS UAB



The UAB Archaeology and Palaeontology Campus is a network of 14 archaeological sites, museums and archaeological parks where the UAB develops its research and its teaching in partnership with the local region. The campus helps with training, research and scientific development in the fields of archaeology, palaeontology and cultural heritage, as well as with their management, conservation and dissemination, and promoting local development through the valuation of archaeological and paleontological heritage.

## 23. GENERALITAT DE CATALUNYA



Through the **Directorate-General for Cultural Heritage**, the **Department of Culture of the Generalitat de Catalunya** (Catalan Government) is responsible for protecting, defending, documenting and promoting cultural heritage; consequently, it leads and fosters programmes, projects and activities the purpose of which is to focus on, enhance and disseminate archaeological heritage.

The **Archaeology and Paleontology Service** manages the archaeological heritage of Catalonia, ensures the application of regulations, coordinates and directs archaeological intervention and protection programmes, defines preventive policies, prepares environmental evaluation reports, and promotes research and scientific dissemination. It is represented within the territory through the figure of regional archaeologists.

In 2014, the **Catalan Agency for Cultural Heritage** was set up with the objective of managing the network of monuments and archaeological sites of the Generalitat and of invigorating, preserving, investigating and showcasing cultural heritage, with the incorporation of information and communication technologies into management and reporting on the subject of cultural heritage.

<http://cultura.gencat.cat>

<http://patrimoni.gencat.cat>

<http://tribunadarqueologia.blog.gencat.cat>

## 24. BARCELONA CITY COUNCIL



El Born Centre for Culture and Memory (CCM)  
History Museum of Barcelona (MUHBA)  
Archaeology Service of Barcelona

Barcelona is a city steeped in history which works to preserve, disseminate and research its heritage.

Archaeology in Barcelona is founded on a solid scientific tradition which had already attained a high standard by the 1950s, the 1960s and later. Nevertheless, it was not until the 1980s that urban archaeology established itself ultimately as one of the local programmes centred on the understanding and safeguarding of the archaeological heritage of the city, whilst the task of archaeology and the figure of the archaeologist were becoming ever more professionally-oriented. Within Barcelona City Council, three organisations have been set up to promote and endeavour for the growth and dissemination of our archaeological heritage: El Born CCM, the MUHBA and the Archaeology Service.

The site of El Born is exceptional due to a number of factors: it occupies an area of 8,000 sq. m. within the urban fabric of the city; it is in an excellent state of preservation and enables an understandable reading of its structures; and, lastly, it is a site that can be documented on account of the various archive records preserved. The MUHBA benefits from several heritage centres where various moments in the city's history are explained, from the Roman colony to industrial archaeology and even the military conflicts of the 20<sup>th</sup> century. It also acts to safeguard the city's archaeology collections. The Archaeology Service is responsible for managing all archaeological interventions carried out and it coordinates projects for research into and dissemination of heritage.

## 25 / 26. EUROPEAN ASSOCIATION OF ARCHEOLOGISTS



The EAA is a membership based, non-profit association open to archaeologists and related or interested individuals or organisations. The EAA organises Annual Meetings, publishes the *European Journal of Archaeology* and the series *Themes in Contemporary Archaeology*, and releases a newsletter.

## 27. EAA 25<sup>TH</sup> ANNUAL MEETING IN BERN, SWITZERLAND



The 25<sup>th</sup> edition of the Annual Meeting of the EAA will be hosted in 2019 in Bern, Switzerland. The scientific program will take place at the facilities of the University of Bern while the social programme will make it possible to



explore the city and its surroundings. Bern as capital and political center of Switzerland, but with a decelerating atmosphere, offers numerous opportunities to experience prehistoric, Celtic, Roman and medieval history. This will also be reflected in the themes of the EAA 2019. Promising you a great view of the Alps, we would like to invite you to join us next year in Bern!

### 34. CRC 1266



The CRC 1266 adopts a long-term perspective to investigate processes of transformation in a crucial period of human history, from late Pleistocene hunter-gatherers to early state societies between 15,000 BCE to 1 BCE. Past archaeological and environmental archives are explored in different social constellations and landscapes, from the Mediterranean to the Arctic. In 18 subprojects around 60 scientists from disciplines as diverse as archaeology, palaeo-ecology, geoscience, philosophy, genetics, or informatics work together in order to identify triggers and components of prehistoric transformation through case studies, theoretical and methodological approaches and modelling.

The Integrated Research Training Group supports 17 PhD candidates by providing a framework of supervision, mentoring and supplementary training. The CRC is based at Kiel University, Germany, and funded by the German Research Foundation.

[www.sfb1266.uni-kiel.de/en](http://www.sfb1266.uni-kiel.de/en)

### 35. UNIVERSITY OF BARCELONA



The University of Barcelona, founded in 1450, is one of the oldest in the country. Its archaeology studies, with research from prehistory to the contemporary world, rank 33<sup>rd</sup> in the QS World University Rankings. The Department of History and Archaeology currently has two on-going ERC grants. UB research deals with archaeological heritage across all continents. Its Archaeology and Prehistory Section offers a BA in Archaeology and an MA in Advanced Studies in Archaeology. PhD students are included in the PhD programme Society and Culture and post-doctoral students are funded by a range of funding bodies, including MSCA fellows. Publications such as *Pyrenae/Journal of Western Mediterranean Prehistory and Antiquity* and the Instrumenta collection have international recognition.

### 37. BREPOLS PUBLISHERS

BREPOLS  PUBLISHERS

Brepols Publishers is an international academic publisher of works in the humanities. Our mission is to publish books and journals in English, French and other languages with an outstanding academic reputation in the field of history, archaeology, languages and literature, music and art.

On our BREPOLiS platform, we provide one of the leading online bibliographical search tools on pre-modern Europe as well as indispensable full text databases.

Brepols Publishers was founded in 1796 and is based in Turnhout, Belgium. It also has offices in Chicago, Nottingham and Thessaloniki. Besides publications under the Brepols name and its imprints Harvey Miller and Corpus Christianorum, we distribute works from many world-class academic institutions.

[www.brepols.net](http://www.brepols.net) – [info@brepols.net](mailto:info@brepols.net)

### 39. DAIICHI GOSEI CO. LTD.



What does TASUKI do? We are... A company that handles various products related to cultural heritage, from excavational investigation to organising, preserving, storing, exhibiting and experiencing. We have been offering almost everything that is necessary for cultural heritage handling for 40 years. TASUKI (Daiichi Gosei) takes pride in being the leading company in the field of Japanese cultural heritage and artefacts. It is not a stretch to say that no one has ever worked with artefacts without encountering our products. For many years, our product has served the field. Our original product, the Mako (bamboo profile gauge) has become common among specialists in the field nationwide, and is a required tool for students starting out in the study of archaeology.

[www.tasuki-japan.com/en](http://www.tasuki-japan.com/en)

### 40. BAR PUBLISHING



BAR Publishing is a leading publisher in academic archaeology. Founded in 1974 with a mission to innovate, the BAR Series covers all key areas in worldwide archaeological research, publishing in five languages (English, German, French, Spanish and Italian). The well-established and internationally recognisable brand consists mainly of monographs, but also includes site reports, conference proceedings and edited collections of papers. The BAR Series is the largest series of archaeological research in the world.

Our focus is to provide a first-class publishing service for archaeologists, enabling researchers to publish important content quickly and efficiently, which is then distributed to the broadest possible audience worldwide. All proposals are peer reviewed and our friendly and professional team guides authors through the publication process from beginning to end.

## 41. AMÉLIE SARL



Amélie is a French company created in 2007, providing a broad range of paleo-environmental and archaeometric analyses to the international archaeological and heritage management community. Our in-house speciality is geochemical mapping by pXRF – whether your interest is in the organisation of buildings or paleo-pollution generated by human activities, or the structuring of sites or landscapes, we can design and implement a study adapted to your questions and budgets. We can work directly on-site or on bulk samples, from a few dozen shots to several thousand measurements – we have already conducted surveys of sites measuring 5 ha in size (and with over 3,000 measurements). Our aim as field archaeologists is to develop these technologies launching the 3<sup>rd</sup> revolution in our discipline.

[www.ameliefrance.com](http://www.ameliefrance.com)

## 43. ARCHAIDE



ArchAIDE is funded by the European Union's Horizon 2020 research and innovation programme and aims to create a new system for the automatic recognition of archaeological pottery from excavations around the world. ArchAIDE is developing a new app for tablets and smartphones that aims to change the global practice of archaeology, thanks to the latest automatic image recognition technology. Today, this characterisation and classification of ceramics is carried out manually, through the expertise of specialists and the use of analogue catalogues held in archives and libraries. ArchAIDE will support the work of archaeologists during both fieldwork and post-excavation analysis. The goal of ArchAIDE is to optimise and economise this process, making knowledge accessible wherever archaeologists are working.

## 44. CSIC EDITORIAL



The mission of CSIC Editorial is to disseminate research, technological development, innovation and the findings of the whole scientific community. To do so, it produces, distributes and markets books, monograph collections and scientific journals that are published each year as part of the CSIC publishing collection. Its catalogue includes more than 2,000 titles from books in all fields of knowledge, theme-based collections (6 on pre-history and archaeology) in print and many in e-format, as well as 37 journals of acknowledged renown, most in the following electronic formats: PDF, XHTML and XML-JATS. These publications are also included in Webs of Science, Scopus, REDIB, DOAJ and other major international databases. Its management system meets the specifications required by standard UNE-EN ISO 9001:2015.

CSIC Editorial was the first Spanish and Ibero-American academic publishing house to be included in the Book Citation Index (BkCI) database of Clarivate Analytics Web of Science.

## 45. SENSORS & SOFTWARE



Sensors & Software designs and manufactures ground-penetrating radar (GPR) products for customers worldwide. Understanding what lies beneath the surface of materials like soil, rock, pavement and concrete helps solve many problems. Our years of experience, world-leading products and responsive service enable delivery of effective solutions.

[www.sensoft.ca](http://www.sensoft.ca)

## 46. BETA ANALYTIC



Beta Analytic is an ISO 17025-accredited carbon-14 dating and stable isotope laboratory with a standard turnaround time of 14 business days for AMS dating. Expedited services are available (2-6 business days). The standard service includes  $\delta^{13}C$  measurements (IRMS), calendar calibration when applicable, quality assurance reports and 24/7 web or app access to past results and pending analyses, including pictures of samples analysed. Beta Analytic also provides  $\delta^{15}N$  (IRMS) %C, %N, C:N and % collagen yield at no additional cost for non-cremated bones submitted for AMS dating. All analyses are performed in-house by professional scientists. Multiple instruments ensure redundancy and dependable delivery. Respected worldwide for accuracy, quality and customer care. Results are accessible 24/7 via web access. Convenient shipping to our multiple forwarding facilities.

## 47. ALL'INSEGNA DEL GIGLIO, EDIPUGLIA, SAP SOCIETÀ ARCHEOLOGICA

### ALL'INSEGNA DEL GIGLIO



Since 1976, we publish journals, series and monographs relating to archaeology, history, architecture and other disciplines.

[www.insegnadelgiglio.it](http://www.insegnadelgiglio.it)

### EDIPUGLIA



Edipuglia prides itself on decennial experience in publishing works relating to antiquity sciences (archaeology, epigraphy, history). These works are assembled in numerous series of studies, carried out thanks to collaboration with professors of Italian and foreign universities, Institute of Research and Italian Superintendences. [edipuglia.it](http://edipuglia.it)

### SAP



Founded in Mantua (Italy) in 1994 by 6 archaeologists with 10 years' experience, SAP Società Archeologica is at present one of the most important archaeological companies in Italy. Since its creation, SAP

has developed both field archaeology and a publishing house devoted exclusively to archaeology. Today, it publishes 8 series and an international scientific journal: *European Journal of Post-Classical Archaeologies*. [www.archeologica.it](http://www.archeologica.it)

## 48. ARCHAEOLINGUA FOUNDATION



The Archaeolingua Foundation is a Budapest-based non-profit organisation promoting interdisciplinary research in archaeology, historical linguistics and related fields, as well as disseminating knowledge of digital applications and cutting-edge technologies in archaeology. Through the publication and worldwide distribution of academic and educational books, Archaeolingua contributes to the preservation of cultural values and heritage.

Archaeolingua has two main book series, which are published in cooperation with national and international institutions (e.g. European Archaeological Council; Central European University, Budapest; Institute of Archaeology, Hungarian Academy of Sciences). Other series include the recently launched Archaeopress Central European Heritage series in collaboration with Archaeopress Oxford, alongside special theme-based series with the Pázmány Péter Catholic University and the Department of Egyptology of Eötvös Loránd University, Budapest.

Archaeolingua also publishes an online, bilingual (Hungarian and English) journal, *Hungarian Archaeology* ([www.hungarianarchaeology.hu](http://www.hungarianarchaeology.hu)), addressing diverse topics of archaeology, cultural heritage and international research projects.

Archaeolingua is project partner in an INTERREG project, "Monumentalized Early Iron Age Landscapes in the Danube River Basin" ([www.interreg-danube.eu/approved-projects/iron-age-danube](http://www.interreg-danube.eu/approved-projects/iron-age-danube)). This international project began in January 2017 and has a set duration of 30 months. Our team has decades of experience in academic scholarship and its public promotion alongside experience in transnational-level projects. This project will be instrumental in the revitalization of the Iron Age site of Sopron-Burgstall.

## 49. OXFORD UNIVERSITY PRESS



Oxford University Press is a department of the University of Oxford. It furthers the University's objective of excellence in research, scholarship, and education by publishing worldwide.

[www.oup.com](http://www.oup.com)

## 50. THE ISLAND GOVERNMENT OF GRAN CANARIA



The Cabildo of Gran Canaria (Island Government) manages the historical heritage that our island conserves and defends the maximum protection of all sites. In the context of the UNESCO World Heritage Convention, in December 2014, this Island Government decided to promote the inclusion of the cultural landscape of Risco Caído and the sacred mountains of Gran Canaria in the World Heritage List, in collaboration with the Canary Island Government and with the support of the Spanish central government.

This cultural landscape is located in a wide mountainous area of the island and hosts outstanding archaeological manifestations of a Berber (Amazigh)-Northern African culture that remained isolated over a period of at least 1,500 years.

[cabildo.grancanaria.com](http://cabildo.grancanaria.com) / [riscocaido.grancanaria.com](http://riscocaido.grancanaria.com)

## 52. ÉDITIONS DE BOCCARD



Éditions de Boccard has been a leader in the publication and distribution of scholarly books for more than a century. It carries the publishing reputation of the Académie des inscriptions et belles-lettres, the École française of Rome, the École française of Athens, the Collège de France, French archaeological missions in Central Asia and elsewhere, the Centre d'études alexandrines, and labs under the supervision of the CNRS. Since 2013, Éditions de Boccard has also been representing Droz, Olschki, Gangemi, Gerlach Press and a significant number of learned societies.

The works published and distributed by Boccard cover such complementary fields as history, archaeology, literary history, philology, palaeography, epigraphy, sigillography, numismatics, ceramology, topography, prosopography, and bibliography. Publishing and distributing approximately three hundred new titles each year, Boccard now possesses a general catalogue of some 17,000 titles published between the 1860s and the present.

[www.deboccard.com](http://www.deboccard.com)

## 53. LITHODOMOS



An Ancient Greek word which means "stonemason".

We are digital masons of today and provide VR, AR, MR and 3D reconstruction services for archaeological projects, governments and tourism companies. We are archaeologists and artists, and

we use technology to breathe life back into the ancient world through our work. Importantly, our research allows us to re-create the ancient world with historical accuracy and academic authenticity. Our technology ensures we reconstruct ancient spaces and places that are immersive, educational, engaging and entertaining. Lithodomos VR will enhance the experience of any place, immerse visitors in a detailed exploration of artefacts and provide it to any users anytime anywhere in the world.

**[lithodomosvr.com](http://lithodomosvr.com)**

## 56 / 57. STRATI CONCEPT STRATI-ARQUEOGAL



Strati Concept's passion for creating and manufacturing high-quality tools has continued for more than 25 years. We equip archaeologists with specialised and professional tools worldwide.

Our products make life on the excavation easier and help you to achieve perfect results in the field but also in the laboratory and for your publications.

Our products are manufactured in our workshops in Brittany, France, and stem from European suppliers according to the principles of responsible economy, favouring local and planet-friendly production. Our products are durable and long-lasting.

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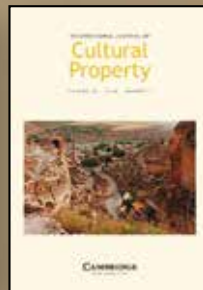
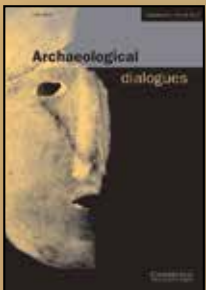
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# Opening Ceremony and Keynote Lectures Abstracts

## EXPLAINING THE PAST THROUGH THE PRESENT: THE ARCHAEOLOGY OF AL-ANDALUS

Sonia Gutiérrez

**Wednesday 5 September, 17:00 – 19:00**

**SANTA MARIA DEL MAR**

A reflection on the expectations and future of medieval archaeology and the singularity of al-Andalus as a historical subject in the current panorama is an inescapable obligation. It is not so much a question of a historiographical approach to the discipline but rather a critical analysis of problems, research perspectives and strategies, conceptual trends, dynamism and introspection, relationships with "other" archaeologies, and the emergence of professional archaeology. In short, it is interesting to discuss its role in the construction of the European imaginary and its relationship – in no way innocent – with the current state of affairs, generating a collective reflection on uses, languages and trends in the historical-archaeological research devoted to the Mediterranean and European Middle Ages.

The Arab-Berber conquest of Hispania in 711 AD (or Arab-Islamic, depending on whether the analysis is carried out from the perspective of peoples or language and religion) resulted in the formation of an Islamic society in the West, which ended up being called al-Andalus. A complex geographical reference, its territorial limits varied between the 8<sup>th</sup> and 15<sup>th</sup> centuries, while its social implications extended as far as the 17<sup>th</sup> century with the expulsion of the "Moriscos" (forced converts). The idea of al-Andalus as an Islamic and Eastern society diverged from the continuist vision, posing very different historical problems to those referring to the rest of medieval Europe. Its archaeology opened up unsuspected methodological perspectives and al-Andalus became a fashionable "brand".

The 21<sup>st</sup> century has marked a maximum interest in al-Andalus as a contemporary historical object, but the current historiographical account ignores the European territories that were part of Dār al-Islam during the Middle Ages. However, the archaeology of al-Andalus, one of the most powerful and complex societies to emerge in Western Europe after the end of the Roman Empire, has a crucial role to play in the critical, rational and collected construction of European history.

## SCIENCE AND NATION. A BRIEF HISTORY OF ARCHAEOLOGICAL RESEARCH IN CATALONIA

Francisco Gracia Alonso

**Wednesday 5 September, 17:00 – 19:00**

**SANTA MARIA DEL MAR**

Groups of scholars and enthusiasts established the bases of archaeological research in Catalonia during the second half of the 19<sup>th</sup> century. When the cultural and political movements of the *Renaixença* and the *Noucentisme* decided to define the ideological bases of Catalonia as a nation, Enric Prat de la Riba, in his work *La Nacionalitat Catalana* (1905), would use archaeology as a reference for structuring the past. Founded in 1907, the Institute of Catalan Studies would then set up its Department of Archaeological Research in 1915. Directed by Pere Bosch Gimpera, this was the first public organisation dedicated to research into the historical and archaeological heritage of Catalonia and its conservation and dissemination, a task that was truncated by the dictatorship of Primo de Rivera (1923-1930) but which the Catalan Government resumed after the proclamation of the Second Republic and continued until the end of the Civil War (1931-1939). During the Franco period (1939-1977), this research was severely restricted due to the processes of purge, the lack of economic resources, and organisational and personal disagreements with the General Committee of Archaeological Excavations, the governing body of Francoist archaeology. The political isolation of the dictatorship, despite the development of initiatives of great importance such as the *Empúries International Courses of Archaeology* (1947), and the international reputation of researchers such as Lluís Pericot and Martín Almagro Basch, would prevent archaeology in Catalonia – and by extension, in Spain – from absorbing the new, ground-breaking theoretical currents emerging in the areas of the theory of analysis and interpretation and intervention methodology. For more than a century, research and interpretation have been subject to the vagaries of different political groups that have attempted to use the results of scientific work as a basis to argue in favour of their respective positions. An ideological confrontation that has continued down to the present day.

## THE EUROPEAN RESEARCH COUNCIL

**José Manuel Fernández de Labastida**, Head of the Scientific Management Department of the European Research Council

**Thursday 6 September, 12:40 – 14:00**

**UB4M**

The European Research Council has become one of the most prominent funders of frontier research worldwide. Since its creation it has been an important part of the research funding policy of the European Union. More than 8,000 research projects have been funded in all areas of knowledge following an evaluation criteria based exclusively on excellence. The outcome of the research funded through all these projects is having an important scientific impact in many research areas. Currently, the funding schemes run by the European Research Council are part of *Horizon 2020*, the framework programme of the European Commission for research,

technological development and innovation. I will present the main features of this organisation and the accomplishments achieved during its first ten years in existence. I will also make some reflections on the key aspects that have led to its success. I will complete my presentation providing some information on the research funded by the European Research Council in the area of archaeology. In addition, some aspects of the role that the European Research Council will play in the future framework programme Horizon Europe will be also addressed.

## **THE NORTHERN BOUNDARY OF NEOLITHIC "CLAYSCAPES" AND THE ROOTS OF THE BANDKERAMIK**

**Eszter Bánffy**, Romano-Germanic Commission (RGK), German Archaeological Institute

**Thursday 6 September, 18:40 – 20:00**

**CCCB4M**

This talk will demonstrate the process of fundamental cultural change during the European Early Neolithic that took place in the northern marginal zones of the Balkans in the first half of the 6<sup>th</sup> millennium cal BC. This zone, the southern part of the Carpathian basin, is part of the south eastern "world of clay", where clay was used as the fundamental building block of its architecture and finds material expression in artefacts and rituals: truly "clayscapes". The marginal ecological position of these lands beyond the warm riverine lowlands was significant: the hilly forested landscapes brought on a crisis, a challenge, but they simultaneously triggered changes that led to new and creative mental patterns and, in consequence, innovative ritual activities. Following the human-material relations, a newly identified early Neolithic monumental horned figurine type appeared. It acts as the cornerstone of my presentation as an embodiment of the last instance among the south-east European early farming communities of the clayscapes. Research into a contextual reconstruction of the ritual involved in making and using these figurines includes consideration of zooarchaeological and environmental issues, and connections with early dairy consumption. At the same time, changes around the distant edge of the clayscapes gave birth to a no less stunning world constructed more from timber and stone, with transformations in subsistence, material culture and rituals. It is inextricably bound with the formation of the first farming communities of central Europe – the Bandkeramik or "LBK" – to which they brought previously unknown concepts of subsistence, landscape perception, architecture and cognition. The aim of my talk is to present one possible narrative concerning the frontier zone of the south east European – the "clay" half of the European Neolithic – and its role in forging the identity of central European farming societies.

## **ARCHAEOLOGY HAS METHOD: DOES IT NEED AN "ARCHAEOLOGICAL THEORY"?**

**Diane Gifford-Gonzalez**, Department of Anthropology, University of California, Santa Cruz

**Thursday 6 September, 18:40 – 20:00**

**CCCB11A**

Since the emergence of processual archaeology in the 1960s, archaeologists have increasingly developed what David Clarke called "critical self-consciousness", not only recognizing how little we really know about past people but also understanding the extent to which theory underlies all aspects of practice. However, after a half-century of critically self-conscious work, archaeology is still without anything like a general theory, and archaeologists debate suitable bodies of "high theory" to inform their work. This presentation begins by asserting that a lack of general theory might not be due to any failure on our part but rather that archaeology may be on the brink of recognising its role as an historical tool of a particular and sophisticated sort. From this viewpoint, we can examine theory drawn from fields situated in the ever-fleeing here and now – ontologies drawn from STS and other fields, feminist studies, practice theory, indigenous research practices, etc. – and assess each as a candidate tool for the toolkit we use to address problems that we deem important. The second part of this talk addresses "what we deem important", reflecting on the interplay of examined and unexamined ethical commitments with archaeological practice at the community level. I am not the first archaeologist to reflect on the unexpected and occasionally distressing lessons archaeologists learn when working with communities that may diverge from our own values in surprising ways. This presentation explores how archaeologists' expectations are conditioned by pervasive tropes of individualism and history that emerged in the Enlightenment. It also reflects on global predicaments as these expectations are increasingly challenged by global climate change, on the one hand, and by the worldwide broadening of access to both energy and public discourse set into motion by the Enlightenment, on the other.

## **ARCHAEOLOGY IN THE ANTHROPOCENE – WHY SHOULD WE BOTHER?**

**Brit Solli**, Museum of Cultural History, University of Oslo

**Thursday 6 September, 18:40 – 20:00**

**CCCB-1A**

Are we now living in a new geological epoch called the Anthropocene? Have we left the Holocene? In 2000, Nobel laureate chemist Paul J. Crutzen and his partner, marine science specialist Eugene F. Stoermer, suggested in a short statement that planet Earth has entered a new geological "era"; namely, the Anthropocene (Crutzen & Stoermer, 2000). In 2002, Crutzen developed his argument further under the headline "Geology of mankind" in the journal *Nature*. Geoscientists discuss whether there is a need for a new concept covering the last 250 years' immense human impact on the Earth. Does the eventual introduction

of a new geological epoch have any consequences for how we engage in and consider archaeology? Whose Anthropocene is it anyway? Why should we as archaeologists bother about this ongoing discussion among earth scientists? Archaeologists are engaged in the direct consequences of climate change concerning archaeological sites, e.g., the rise in sea levels, erosion due to more extreme weather conditions, the thawing of ice in the Alps and subarctic regions, etc. But should we also concern ourselves with the mere concept of the Anthropocene and its epistemological consequences? Are there new artefacts, e.g., hyperobjects to be included in future archaeological assemblages?

## **WELCOME CONFLICT. ARCHAEOLOGY AND THE RETURN OF THE POLITICAL**

**Alfredo González-Ruibal**, INCIPIT, CSIC

**Thursday 6 September, 18:40 – 20:00**

**UB4M**

Politics in archaeology has been dominated over the last couple of decades by discourse that has emphasised identity, multivocality, ethics, negotiation and consensus. The truly political – which is characterised by agonism and radical disagreement – was thus replaced in many cases by policy or harmless politics: what Chantal Mouffe and other political philosophers have called "post-politics". Even those fields of practice that have had to face the harshest controversies, such as conflict archaeology, indigenous archaeology or the archaeology of the contemporary past, have all too often skewed the political, seeking refuge in ethics or bland forms of political engagement. The current global situation, dominated by a reactionary backlash and the spread of extreme right populism, has caught archaeologists largely unprepared. If archaeology wants to become relevant in social debates, it will inevitably have to change the paradigm. This implies a willingness to accept conflict as part of our daily work, to take sides and opt for unpopular discourse. In this talk, I would like to illustrate my points through my archaeological research on the Spanish Civil War (1935-1939). This is a conflict that left deep wounds in the social fabric that have never properly healed. Defending the dictatorship that followed the war and which lasted 40 years is still seen as legitimate and attempts at producing narratives that challenge accepted views of the war and the dictatorship are met with hostility. In this context, the conceptual tools of social archaeology as is usually practiced are of little help. Here, I will defend a relationship between archaeology and politics that fully embraces conflict and keeps away from apolitical positivism and the post-political – but also from activism.

## DOING ARCHAEOLOGY AND HERITAGE IN AFRICA: DECONSTRUCTING AND DECOLONISING THE NARRATIVES

**George Abungu**, Independent International Heritage Consultant, Okello Abungu Heritage Consultants

**Thursday 6 September, 18:40 – 20:00**

**UB4G**

Archaeology and heritage in Africa are often interlinked and even intertwined. While heritage that often includes archaeology is practiced, lived and cherished, archaeology as looked at through the Western lens has remained an elitist, university/museum-practiced subject divorced from society. At times it has been looked upon with suspicion and, in many parts of the continent, has recently remained a subject for white scholars, mostly foreign elites and their few African counterparts and students, many of whom have been trained in Europe or America. In the footsteps of the colonial practice of archaeology, this group has maintained the status quo, hardly recognising the role of communities in the production of archaeological knowledge, let alone the ownership of their past. This trend is however changing as the concept of community archaeology comes into play and communities realise the power of the past and call for its appropriation. As scholars grudgingly cede some power of archaeological knowledge production to communities through engaging them as partners, there is a swinging pendulum that may be good for the subject in the long run. The co-ownership and co-production of archaeological knowledge and resources is part of the deconstruction and the decolonising of African heritage resources. This presentation looks at the history of archaeology in Africa and the changing landscape where heritage including archaeological practice is taking a negotiated approach rather than "the scholar knows it all". "Not for us without us" is becoming the motto across the continent.

## IS HERITAGE IRRELEVANT?

**Sophia Labadi**, Classical & Archaeological Studies (CLAS), University of Kent

**Saturday 8 September, 18:40 – 20:00**

**CCCB-1A**

This keynote speech will reflect upon and bring together some ideas that I have researched and written about over the past few years, primarily the issue of diversity (discussed in the book *Museums, Immigrants and Social Justice*, Routledge, 2017) and sustainability (discussed in the edited volume *Urban Heritage, Development and Sustainability*, Routledge, 2015). Diversity and sustainability are key themes of the EU Year of Cultural Heritage. These two themes are regularly used to argue for the relevance of heritage and museums in contemporary society.

The first part of this speech will critically assess the importance given to diversity in museums and heritage sites, as well as the failure of these institutions to take seriously concerns for diversity in their programmes and activities. Some explanation for this failure will be provided. The impact of this lack of diversity will be discussed, including issues of relevance for museums and heritage sites. The second part of this speech will turn to the notion of sustainability, under-

stood as the socio-economic impact of heritage and archaeology. It will detail the issues with these ideas and the threats posed to heritage by the concept of sustainability and of the need to demonstrate to public officials and funders that heritage has socio-economic impacts. A final part of this keynote will propose some potential solutions and a way forward.

## **EATING THE PAST: FROM PREHISTORIC CUISINES TO MODERN FOOD TRENDS**

**Soultana Maria Valamoti**, Aristotle University of Thessaloniki, Dept. of Archaeology, School of History and Archaeology

**Saturday 8 September, 18:40 – 20:00**

**CCCB11A**

Food studies over the past decade have grown into a dynamic trend in archaeology with numerous field projects, interdisciplinary long-term research projects, conferences and publications inquiring into the subject of food as reflected in the material culture of past societies. Studying food in past societies goes beyond a mere subsistence investigation as the focus has now shifted to the investigation of social and cultural processes underlying daily practice where identities are forged, power is negotiated and alliances are built. The strong sensory experience of food preparation and consumption generated a powerful mnemonic tool for prehistoric communities of Europe. It transformed nature into culture through the culinary practice of daily meal preparation as well as feasting and fasting that marked special occasions. Archaeobotany has played a significant role in generating raw data to approach these issues as well as launching research questions as regards food choice, identity formation and culinary changes over time. In our inquiry into the origins of cereal cultivation or wine making, for example, it is the archaeobotanical data that hold the answers in our current paradigm of archaeological science. Although we no longer need myth to explain how viticulture reached Greece or agriculture reached Europe, the archaeobotanical evidence generated to address these questions forms the basis for generating modern, urban lifestyle narratives. These narratives, at times at the heart of modern food mythologies, link small-scale food production and the marketing of foodstuffs that prevailed in prehistory but were later abandoned as the needs of past societies that consumed them changed through time. An archaeobotany of food provides analytical tools for understanding past societies and at the same time offers an emerging arena for generating modern food consumption trends and identities.

## **MEANINGFUL STORIES: WHAT ARCHAEOLOGY CAN TELL**

**Paloma González-Marcén**, Autonomous University of Barcelona

**Saturday 8 September, 18:40 – 20:00**

**UB4M**

Archaeology has been experiencing two opposite trends in recent years. On the one hand, we are facing increasing hyperspecialisation and technification fuelled by the race for impact factors in the neoliberal academic system; on the other, a parallel growth of public archaeology and related grassroots initiatives, demand-

ing more democratic, socially relevant disciplinary aims and practice. Between these two poles, stories about one side and the other emerge without a connection being established. In this talk I wish to address the centrality of sharing stories and their various forms and ways of construction to redefine concepts and praxis of archaeology, proposing them as a necessary meeting point.

Just as the archaeological record only acquires its scientific meaning in a relational context, research only acquires social meaning when it merges with values, worries, experiences and expectations beyond academic interests. Storytelling, story creation and sharing, in their many forms, are the basic and universal tools of communication of humanity, and the stories that archaeology can tell may positively affect the lives of people if it is willing not only to share them but to put them at the service of a more inclusive, equitable and democratic society. To illustrate this position, I will present certain cases and projects, mainly but not exclusively from the educational sphere, which link their public and social calling with a concept of archaeology understood as the creator of meaningful stories.

## **THE EUROPEAN UNION AND THE RESCUE OF OUR ARCHAEOLOGICAL HERITAGE**

**Jean-Paul Demoule**, University of Paris I Panthéon - Sorbonne

**Saturday 8 September, 18:40 – 20:00**

**UB4G**

Archaeology has never been independent of the society where it is practised. In France, for example, as the archaeology of the national territory never played any role in the construction of national identity, preventive archaeology only really started in the 1980s, long after it did in other European countries. In any event, since 1992 all European countries (and not just the European Union) have been subject to the Malta Convention (also called the Valetta Convention), even though not all have ratified it entirely a quarter of a century later. In any case, the Convention says nothing about the actual organisation of preventive archaeology. In reality, in Europe today there are two opposing conceptions: one where the state should be responsible for the entire organisation of preventive archaeology, the other where, in the context of economic liberalism, this should be left to private initiative and commercial competition. Between these two extremes, there is a whole range of intermediary situations, often in constant transformation, although not always in a positive manner (as the recent case of Hungary has shown). It is not enough to say that it is just the quality of research that counts, since these legislations have a direct effect on the organisation of work and on the scientific results; hence, this paper will try to make a provisional assessment of the various archaeological policies implemented in Europe and draw some conclusions, also from the perspective of a possible modification of the Malta Convention.



## PAST AND PRESENT SOCIAL LANDSCAPES OF ARCHAEOLOGY IN EUROPE

**Predrag Novaković**, Department of Archaeology, University of Ljubljana

**Saturday 8 September, 18:40 – 20:00**

**CCCB4M**

Being an organiser of the EAA inaugural Meeting in Ljubljana in 1994 and serving for 17 years on EAA bodies gave me the chance to closely observe the changes the discipline and practice of archaeology went through over the past three decades. My personal and professional experiences of studying and working in one (socialist) country, former Yugoslavia, and continuing in another one, Slovenia, contribute another component to my re-thinking of these changes and the role of the EAA in them. Since it is impossible to elaborate on all aspects of the recent transformations in one lecture, I will focus on what I have termed the social landscape of archaeology, i.e., the social structures, conditions and changes which affect the discipline of archaeology and archaeologists, and where the influence of the EAA was probably felt the most.

For the sake of this keynote lecture, I see "European archaeology" as a cluster of regional and local scholarly traditions which, over the past century or so, have been greatly determined by past and present national political frameworks. Each major political change resulted also in the considerable reshaping of the archaeological discipline. The last major transformation following the end of polarised Europe most directly affected "Eastern" archaeologies (but also catalysed considerable changes in the "West"), not only in ideological terms but also with regard to differences in technological development and funding or travel opportunities, as well as the weak communication between the archaeologists from the "two Europes", the lack of publications, the language barriers, etc. It is these aspects that increased the gap and somehow isolated the "East" rather than ideology alone. And indeed, it is in these fields where, since the 1990s, the greatest advances were made and where the EAA contributed the most.

# Virtual Reality Exhibition

## 6-8 SEPTEMBER 2018

Location: UB4FS

Time: 10:00 – 18:30

Organisers: **Laia Pujol-Tost**, Pompeu Fabra University, & **Joan A. Barceló**, Autonomous University of Barcelona

Virtual reality is again in fashion, in part due to the widespread availability of virtual reality headsets. Game companies, movie producers, artists and researchers contribute in different ways to push the boundaries of the digital medium. The EAA Organisers circulated an international call and invited four projects featuring immersive virtual reconstructions using VR headsets: Çatalhöyük 3D (ANAMED, Turkey); Augmented History (Disir Productions, Sweden); La Draga (UAB, IIIA-CSIC, Spain) and Ullastret 3D (ACdPC/MAC-Ullastret, Spain). The VR exhibition is open to EAA participants and is linked to some of the scientific sessions. Join us to travel in space and time!

**Keywords:** Immersive virtual reality, VR headsets, playful reconstructions, storytelling, virtual archaeology.

**Morning:** 10:00 – 13:00

- Çatalhöyük 3D (ANAMED, Turkey)
- La Draga (UAB, IIIA-CSIC, Spain)
- Ullastret 3D (ACdPC/MAC-Ullastret, Spain)

**Afternoon:** 14:00 – 18:30

- Çatalhöyük 3D (ANAMED, Turkey)
- Augmented History (Disir Productions, Sweden)
- Ullastret 3D (Catalan Cultural Heritage Agency)

# Virtual Museums Exhibition

## 6-8 SEPTEMBER 2018

Location: UB203

Time: 10:00 – 18:30

Organisers: **Laia Pujol-Tost**, Pompeu Fabra University, & **Joan A. Barceló**, Autonomous University of Barcelona

Digital Technologies have made possible André Malraux's old dream of the "Imaginary Museum". By means of a desktop computer or a mobile device, audiences can now visit brick-and-mortar museums, discover lost archaeological sites or even explore completely digital-born collections. The EAA Organisers circulated an international call for projects and invited three projects displaying online virtual museums: ViMM (EU-funded international project); La Roca dels Bous 2.0 (UAB, Spain); and Historic England Web Tours (ArtasMedia, UK). The Virtual Museums exhibition is open to EAA participants and is linked to some of the scientific sessions. Join us to explore the most engaging digital visiting experiences around the world!

**Keywords:** Virtual museums, virtual tours, digital storytelling, Internet-based platforms, virtual archaeology.

**Morning and afternoon:** 10:00 – 13:00 and 14:00 – 18:30

- ViMM (EU-funded international project)
- La Roca dels Bous 2.0 (UAB, Spain)
- Historic England Web Tours (ArtasMedia, UK)

# Virtual Archaeology Video Show

## FRIDAY 7 SEPTEMBER 2018

Location: CCCB-1A

Time: 19:00

Organisers: **Joan A. Barceló**, Autonomous University of Barcelona, & **Laia Pujol-Tost**, Pompeu Fabra University

In 1998, the CAA conference organised the very first exhibition of archaeological virtual reconstructions in Barcelona with huge success. 20 years later, we would like to rediscover what was presented then, to understand what has changed along the way and to set the challenges for the future. The EAA Organisers circulated an international call for projects and have now produced a 30-minute video displaying short snippets of virtual reconstructions, from early solid-modelling projects to the latest laser-scanned, multi-agent interactive environments. The video session is open to EAA participants, but also to Barcelona citizens and tourists in a fully open event aimed at the widest audience possible. Join us to visualise the evolution of virtual archaeology!

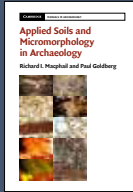
**Keywords:** Video show, virtual reality, solid-modelling, interactive environments, virtual archaeology.

OUTSTANDING SCHOLARSHIP FROM CAMBRIDGE

**Applied Soils and Micromorphology in Archaeology**

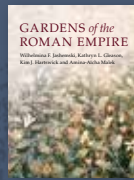
Richard I. Macphail,  
Paul Goldberg

*Cambridge Manuals in Archaeology*



**Gardens of the Roman Empire**

Edited by  
Wilhelmina F. Jashemski,  
Kathryn L. Gleason,  
Kim J. Hartswick,  
Amina-Aïcha Malek



**Trade and Civilisation  
Economic Networks and Cultural Ties, from Prehistory to the Early Modern Era**

Edited by Kristian Kristiansen,  
Thomas Lindkvist, Janken Myrdal

**Climate without Nature**

**A Critical Anthropology of the Anthropocene**

Andrew M. Bauer,  
Mona Bhan



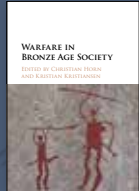
**Quaternary of the Levant  
Environments, Climate Change, and Humans**

Edited by Yehouda Enzel,  
Ofar Bar-Yosef



**Warfare in Bronze Age Society**

Edited by  
Christian Horn,  
Kristian Kristiansen



**Colonization and Subalternity in Classical Greece**

**Experience of the Nonelite Population**

Gabriel Zuchtriegel



**The Archaeology of Imperial Landscapes**

**A Comparative Study of Empires in the Ancient Near East and Mediterranean World**

Edited by Bleda S. Düring,  
Tesse D. Stek



**Writing and Power in the Roman World  
Literacies and Material Culture**

Hella Eckardt



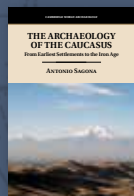
**Creativity in the Bronze Age  
Understanding Innovation in Pottery, Textile, and Metalwork Production**

Lise Bender Jørgensen, Joanna Sofaer,  
Marie Louise Stig Sørensen



**The Archaeology of the Caucasus  
From Earliest Settlements to the Iron Age**

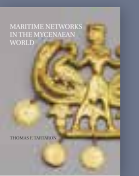
Antonio Sagona  
*Cambridge World Archaeology*



**NOW IN PAPERBACK**

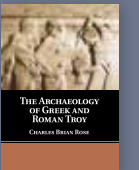
**Maritime Networks in the Mycenaean World**

Thomas F. Tartaron



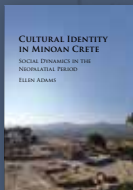
**The Archaeology of Greek and Roman Troy**

Charles Brian Rose



**Cultural Identity in Minoan Crete  
Social Dynamics in the Neopalatial Period**

Ellen Adams



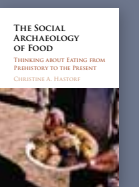
**The First Farmers of Europe  
An Evolutionary Perspective**

Stephen Shennan  
*Cambridge World Archaeology*



**The Social Archaeology of Food**

Thinking about Eating from Prehistory to the Present  
Christine A. Hastorf







# Guidelines for Session Organisers and Presenters

Please refer to the full version of the EAA guidelines on the website [www.e-a-a.org/EAA2018/Guidelines](http://www.e-a-a.org/EAA2018/Guidelines). However, please keep in mind the following aspects in particular:

## For organisers of sessions

- Make sure you check with the Registration desk to verify that all presenters have indeed arrived at the Annual Meeting. If you have speakers you are not personally acquainted with, please make sure you meet them before your session is scheduled.
- Familiarise yourself with the room your session will be held in and the equipment available. There will be a volunteer on hand in each room throughout the session to assist with visual aid; there will be one technician to each floor in case any problem arises.
- Make sure all your speakers are present before the session starts and that they know the “running order” of speakers and how long they are allowed to speak for.
- Ensure speakers have uploaded their PowerPoint presentations before the session begins.
- Brief speakers on how you will indicate to them that their allotted time has expired, and how you will be handling questions and discussion.
- If a gap occurs in the session’s running order due to the absence of a speaker, please do not shift the order (delegates may be coming in for a particular presentation); instead, use the time for discussion.

## For speakers

- A PC computer with Microsoft Office 2016 and projector will be provided in each lecture room.
- Bring your presentation on a memory stick or have it stored in the cloud and upload it on the computer at least 20 minutes before the session begins. Make sure your filename includes your name or initials. There will be a volunteer in each room to help you upload your file.
- Acquaint yourself with the session running order and the time allowed for your presentation: ask the session organiser(s) if in doubt.



## For poster presentations

— Posters will be displayed on all floors of the UB building (see plans in pages 40-41). Poster slots will be labelled by the EAA organisers with a specific code composed of the session number and a letter. Ask volunteers to find out where to hang your poster. Posters will be attached (adhesive material and pins will be provided by local organisers) onto the supporting board available on-site. No free-standing banners are allowed for security reasons.

— Since your poster is associated with a specific session, you should attend this session: you may be asked to briefly present your poster, answer questions and follow up on specific points with the audience.

# Medieval Europe Research Community (MERC)



The purpose of the Medieval Europe Research Community (MERC) is to promote research into medieval archaeology in every country throughout Europe by providing a hub for existing societies and researchers, aiding practitioners in Europe and the rest of the world. Its ethos is a medieval archaeology without borders. The MERC is the successor of the Medieval Europe Congresses that were held in York, Bruges, Basel and Paris from 1992 to 2007.

The MERC brings the medieval archaeologists at every Annual Meeting together at their Forum and at their Annual Party – in Barcelona this will be a tapas party.

The MERC is pleased to be affiliated with several sessions at this Annual Meeting and hopes that these sessions will encourage archaeological debate. The views expressed in those sessions are those of the contributors and may not represent those of the MERC.

# Chartered Institute for Archaeologists (CIfA)



The Chartered Institute for Archaeologists (CIfA) is the leading professional body representing archaeologists working in the UK and overseas. It promotes high professional standards and strong ethics in archaeological practice, to maximise the benefits that archaeologists bring to society.

Founded in 1982, the CIfA is the authoritative and effective voice for archaeologists, bringing recognition and respect to our profession. It represents professional archaeology to government, policy-makers and business.

The CIfA sets standards, issues guidelines and improves career prospects through training and learning opportunities and by providing information about developments in professional practice. CIfA professionals are accredited and skilled in the study and care of the historic environment. They, and CIfA's Registered Organisations, sign up to a rigorous code of conduct, professional development (CPD) schemes and complaints procedures to uphold competence and standards in archaeology. In these ways, the CIfA acts as a self-regulatory body for the archaeological profession.

The CIfA is pleased to be affiliated with several sessions at this Meeting and hopes that these sessions will encourage archaeological debate. The views expressed in those sessions are those of the contributors and may not represent those of the CIfA.

# Society of Africanist Archaeologists (SAfA)



The Society of Africanist Archaeologists (SAfA) is an organisation of archaeologists, researchers from associated disciplines and others who share an interest in African archaeology and African societies. Our membership is international, with participation from Africa, the Americas, Europe and Asia. Members are actively involved in research in many African countries.

The SAfA is pleased to be affiliated with several sessions at this annual Meeting and hopes that these sessions will encourage archaeological debate. The views expressed in those sessions are those of the contributors and may not represent those of the SAfA.

## How to Read the Scientific Programme

The scientific part of the Programme Book is ordered firstly by lecture day (Thursday 6 September – Saturday 8 September) and subsequently by session number. Each lecture day consists of four 2-hour session blocks separated by coffee (30 minutes) and lunch (60 minutes) breaks, and finished by the keynotes:

<b>Session block 1:</b>	08:30 – 10:30
<b>Coffee break:</b>	10:30 – 11:00
<b>Session block 2:</b>	11:00 – 13:00
<b>Lunch break:</b>	13:00 – 14:00
<b>Session block 3:</b>	14:00 – 16:00
<b>Coffee break:</b>	16:00 – 16:30
<b>Session block 4:</b>	16:30 – 18:30
<b>Keynote lectures:</b>	18:40-20:00 (only Thursday, Saturday)

The scientific programme printed in the Programme Book was last updated on 23<sup>rd</sup> July 2018; any later changes are available on the Annual Meeting website [www.e-a-a.org/EEA2018/ScientificProgramme](http://www.e-a-a.org/EEA2018/ScientificProgramme), where detailed programme search and abstracts are also available.

Author affiliation is stated in brackets following the author's name; where authors share the same affiliation, it is only stated once.

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Photographing is allowed without restrictions unless the author of a presentation explicitly disapproves photographing by saying so at the beginning of the presentation.





# Thursday 6 September

	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
UB102			<b>245</b> Issues on the Archaeology of Jewish Cemeteries: Urban Development, Heritage Preservation and Risk Management 14:00-18:30	
UB105	<b>481</b> Traditional and (Alternative) New Media: Different Ways to Communicate upon Archaeology 8:30-10:30	<b>761</b> Why Ancient Lipid Analyses in Archaeology? A Discussion Aimed at Widening the Archaeologist Interpretation Toolset 11:00-13:00	<b>192</b> The "Geospatial Turn": Critical Approaches to Geospatial Technologies in Archaeological Research 14:00-16:00	
UB202	<b>384</b> The Self-organization of Archaeologists in Europe: Roles and Needs, Responsibilities and Legitimacy 8:30-13:00		<b>562</b> Comparative Microregional Research in Bronze Age Central and Eastern Europe: Theories, Methods and Future Perspectives 14:00-16:00	<b>725</b> The EU EIA Directives and Archaeology: What Have We Learnt and Where Next? 16:30-18:30
UB203		<b>Virtual Museums Exhibition</b> 10:00-18:30		
UB204	<b>790</b> Insights in Archaeology Today 8:30-18:00			
UB205	<b>110</b> Disentangling Human from Natural Factors: Taphonomical Value of Microanatomical Features on Archaeological Wood and Charcoal Assemblages 8:30-15:00			<b>739</b> Reflections on Archaeological Tourism in the Mediterranean Area 16:30-18:30
UB206	<b>519</b> Mediterranean Cultural Diffusion in Prehistory 8:30-10:30	<b>535</b> From Public Archaeology to Public Humanities: Time for a More Transdisciplinary Approach? 11:00-16:00		<b>555</b> Using CIDOC CRM for Archaeologists: From Theory to Concrete Practices 16:30-18:30
UB207	<b>614</b> Environment, Food Production and Lifestyle in Bronze Age Europe 8:30-13:00		<b>224</b> Bioarchaeological Approaches towards Understanding Diet and Subsistence, and Their Role in the Formation of Early Societies 14:00-18:30	
UB208	<b>602</b> For Future Reference: Understanding the City, (Re)presentations of the Urban Landscape and the Past-as-present 8:30-13:00		<b>674</b> Archaeology for All: Social Impact of Archaeological Research in Collectives with Social and Special Needs and Newcomers 14:00-18:30	

# Thursday 6 September

	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
UB209	<b>599</b> Interdisciplinary Approaches to Early Medieval Transitions 8:30-13:00		<b>170</b> AGE EAA Session on "Gender and Colonialism" 14:00-18:00	
UB210	<b>700</b> Re-approaching Identity in Archaeology 8:30-18:30			
UB211	<b>081</b> Political Matters in Prehistory: Papers in Honor of Antonio Gilman Guillén 8:30-17:30			
UB212	<b>492</b> From Excavation to Sedimentation: The Multiproxy and Biomolecular Environmental Revolution in Archaeology 8:30-13:00		<b>730</b> Mounds in the Digital Era: Data Acquisition, Analysis and Interpretation of Past Funerary Landscapes through Geospatial Technologies 14:00-18:00	
UB213	<b>275</b> Human-made Environments - The Development of	Landscapes as Resource Assemblages		
UB219	<b>464</b> Divergent Lifeways: Tracing Socio-cultural and Economic Variability within the Mediterranean and Balkan Neolithic 8:30-13:00		<b>513</b> Bridging Oceans and Theoretical Approaches to Lithic Analysis 14:00-18:30	
UB220	<b>150</b> Museum Presentation in a Challenged World 8:30-13:00		<b>467</b> Disaster-led Archaeology: Anticipations and Responses to Heritage-impacting Catastrophes 14:00-17:30	
UB221	<b>197</b> Harbours and Routes of the Eastern Mediterranean during the Bronze Age and Early Iron Age 8:30-12:30		<b>522</b> The Making of Adriatic and Ionian Seascapes. Interpreting Seaborne Social and Economic Interactions during Late Prehistory 14:00-17:30	
UB222	<b>121</b> Children at Work 8:30-12:30		<b>583</b> Non-invasive Applications in Research and Heritage Management Strategies in Central and Eastern European Archaeology 14:00-18:00	
UB302	<b>377</b> Urbanization in Iberia and Mediterranean Gaul in the First Millennium BC 8:30-12:30		<b>420</b> Sensitivity and Resilience of Human Communities to Coastal Environmental Changes during the Early to Mid-Holocene 14:00-18:00	
UB303	<b>773</b> Documenting Endangered Heritage Sites 8:30-12:30		<b>780</b> Archaeological Uncertainty: A Journey through the Ruins of a Discipline 14:00-18:00	



# Thursday 6 September

	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
UB304	<b>753</b> Interpreting Ancient Metal Working 8:30-16:00			<b>452</b> The Intersections of Memory and Rock Art: Towards a Multidisciplinary Approach 16:30-18:30
UB305	<b>325</b> Inhumations and Cemeteries during the Neolithic: A Comparative Approach from Central to the South of Europe 8:30-16:00			<b>480</b> Research on Archaeological Practices and Knowledge Work in the Digital Environment 16:30-18:30
UB306	<b>527</b> Water Mentalities. Archaeological Clues to Changes in Water Management during the Middle Ages 8:30-10:30	<b>791</b> Funerary Ritual along Holocene Period 11:00-18:30		
UB307	<b>745</b> Grave Good Biographies of Pre-Metallurgical European Societies 8:30-15:30			<b>485</b> Transforming Infrastructures: Socio-environmental Dimensions of Site and Settlement Pattern Changes 16:30-18:30
UB308	<b>676</b> Land Use in Africa: New Methods, Perspectives, and Data Challenges 8:30-10:30	<b>598</b> Archaeology and Interdisciplinarity & Interdisciplinarity in Archaeology: Stories of a Long and Diversified Journey (19th-21st Centuries) 11:00-18:30		
UB309	<b>628</b> The Past and Future of Hillforts - Challenges, Chances, Perspectives 8:30-16:00			<b>611</b> (National) Perspectives on the Significance and Effects of the International Cultural Tourism Charter. From Theory to Practice in Archaeological Tourism 16:30-18:30
UB310	<b>557</b> Geoarchaeology of Bronze Age Europe 8:30-16:00			<b>724</b> Engendering Strategies for the Dissemination in Archaeological Sites and Museum 16:30-18:30
UB311		<b>223</b> Anthropomorphism in Material Culture and Landscape: Approaching a Fundamental of Human Cognition 11:00-18:00		

# Thursday 6 September

	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
UB401	<b>723</b> Creating Reproducible Research. New Developments in Computational and Quantitative Methods 8:30-12:00		<b>689</b> The Archaeology and heritage of saltscapes: the synergy of environment and culture 14:00-18:00	
UB402	<b>201</b> Rethinking Time in (Contemporary) Archaeological Context 8:30-10:30	<b>760</b> '...In with the New!': The Future of Archaeological Research in Medieval Europe 11:00-17:30		
UB403	<b>732</b> Archaeological Education beyond Archaeology: Looking at the Cultural and Social Relevance of Research 8:30-15:30			
UB404		<b>501</b> Storage Structures and Storage Goods from the Neolithic to the Iron Age: Archaeological, Archaeobotanical and Ethnographic Perspectives 11:00-18:00		
UB405	<b>609</b> From Local to Global Land Use in the Holocene 8:30-13:00		<b>248</b> Controls and Uncertainties in Creating Sr Isotope Biosphere Maps for Migration Studies 14:00-18:30	
UB406	<b>592</b> Pathways to the Neolithic in Europe: Tracing the Rhythm and Spread of Neolithisation 8:30-13:00		<b>482</b> Meaningful Places: Integrating Theories, Methods and Scientific Techniques in the Archaeological Study of a Dwelling Place 14:00-18:30	
UB407	<b>765</b> Know Your Place: Defining the Role of Geophysics in Development-led Archaeology 8:30-13:00		<b>709</b> Raw Materials Sourcing and Exploitation in Mountain Regions: Resource-human-landscape Dynamics from Prehistory to Historical Periods 14:00-18:30	
UB408	<b>432</b> From Data Description to Historical Explanation in Archaeological Spatial Analysis: Integrating Geostatistical Methodology and Social Theoretical Models 8:30-13:00		<b>600</b> Advancing Archaeological Synthesis: Using the Past to Benefit the Future 14:00-18:30	
UB409	<b>407</b> Archaeological Biomolecules from Museum Specimens: Striking a Balance between Curation and Destructive Sampling 8:30-12:00		<b>208</b> To Your Health! Tracing Health in Urban Environments in Medieval Northern Europe 14:00-18:30	
UB410	<b>750</b> Ancient and Medieval Harbours - Gateways between Cultures and Communities 8:30-12:00		<b>748</b> 'Archaeology and...' - Inter-disciplinary Working in Planning and Design 14:00-18:00	

# Thursday 6 September

	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
UB411	<b>736</b> Dairy and Pastoralism in Archaeology 8:30-12:30		<b>679</b> Medieval Non-Places: Sites of Transience in the Medieval World 14:00-17:30	
UB412	<b>266</b> Public Participation in European Archaeology: the Legal Framework 8:30-10:30	<b>631</b> African Cosmopolitans: the Horn of Africa and the World (1st-20th Centuries AD) 11:00-13:00	<b>687</b> Revamping Value(s): on the Destruction of Value during the Bronze and Iron Age in Europe and the Mediterranean 14:00-17:30	
UB4M	<b>091</b> Continuity and Transformation in Western Mediterranean Communities during the First Millennium BCE 8:30-12:30		<b>091 (continues...)</b> 14:30-16:00	
UB4FS		<b>Virtual Reality Exhibition</b> 10:00-18:30		
UB4G	<b>677</b> Communities, Environment and Resources: the Structuration of Cultural Landscapes in Prehistoric Sicily and the Central Mediterranean Basin 8:30-16:00			
CCCB -1A	<b>520</b> Archaeometallurgy in the 21st Century 8:30-16:00			
CCCB 11A	<b>652</b> Understanding Change during the Upper Palaeolithic and Mesolithic 8:30-13:00		<b>188</b> Outside Influences. Expressions through Portable Material Culture in Later Prehistory 14:00-18:30	
CCCB 12A	<b>668</b> Field Systems, Centuriations and the Shaping of Cultural Landscapes: Integrated and Long-term Analysis 8:30-13:00		<b>713</b> The Fourth and Third Century BC - a Pan-European Turning Point 14:00-18:30	
CCCB 4M	<b>515</b> Building Story Structures - Early Monumentalism in Neolithic Europe 8:30-18:30			
MAC Auditorium	<b>540</b> Approaches to Medieval Buildings: the Past, Present, and Future of Interpretation and Management 8:30-18:00			
MAC Library	<b>431</b> Elite Culture in Medieval and Post-medieval Archaeology 8:30-15:00			

Coffee-break offered by



# Thursday 6 September

## KEYNOTES

UB4M	<b>The European Research Council</b> José Manuel Fernández de Labastida 12:40-14:00	<b>Welcome, Conflict. Archaeology and the Return of the Political</b> Alfredo González-Ruibal 18:40-20:00
UB4G	<b>Doing Archaeology and Heritage in Africa: Deconstructing and Decolonising the Narratives</b> George Abungu 18:40-20:00	
CCCB -1A	<b>Archaeology in the Anthropocene - Why Should we Bother?</b> Brit Solli 18:40-20:00	
CCCB 11A	<b>Archaeology Has Method: Does It Need an 'Archaeological Theory'?</b> Diane Gifford-Gonzalez 18:40-20:00	
CCCB 4M	<b>The Northern Boundary of Neolithic 'Clayscapes' and the Roots of the Bandkeramik</b> Eszter Bánffy 18:40-20:00	

## 081 POLITICAL MATTERS IN PREHISTORY: PAPERS IN HONOR OF ANTONIO GILMAN GUILLÉN

ROOM: UB211

TIME: 8:30 - 17:30

THEME: The archaeology of material culture, bodies and landscapes

FORMAT: Regular session

ORGANISERS: Lillios, Katina (University of Iowa) - Díaz-del-Río, Pedro (CSIC)

### ABSTRACTS

#### 8:30 ANTONIO GILMAN AND HIS CAREER: AN INTRODUCTION

Lillios, Katina (University of Iowa) - Díaz del Río, Pedro (CSIC)

#### 8:45 EXPLORING BIASES IN RADIOCARBON CHRONOLOGIES: THE IBERIAN MESOLITHIC-NEOLITHIC TRANSITION IN LIGHT OF ANTONIO GILMAN'S CARBON-14 DATABASE

Uriarte, Antonio (Instituto de Historia CSIC) - Fernández Freire, Carlos (CCHS - CSIC) - Vicent García, Juan M. (Instituto de Historia CSIC)

#### 9:00 LONG-LASTING SACRED LANDSCAPES: THE NUMERICAL CHRONOLOGY OF THE MEGALITHIC PHENOMENON IN SOUTHEASTERN IBERIA

Aranda Jimenez, Gonzalo - Sánchez Romero, Margarita - Lozano Medina, Águeda (Dpto. de Prehistoria y Arqueología. Universidad de Granada) - Díaz-Zorita Bonilla, Marta - Escudero Carrillo, Javier (Institut für Ur- und Frühgeschichte und Archäologie des Mittelalters. University of Tübingen)

#### 9:15 EMBODIED INEQUITY? BIOARCHAEOLOGICAL APPROACHES TO INEQUALITY IN COPPER AGE IBERIA

Beck, Jess (University of Cambridge)

#### 9:30 RETHINKING THE ELITES OF THE IBERIAN CHALCOLITHIC

Kunst, Michael (Deutsches Archäologisches Institut)

#### 9:45 CIRCULATION OF EXOTIC RAW MATERIALS: IBERIAN AMBER AS A CASE STUDY

Murillo Barroso, Mercedes (Universidad de Granada)

#### 10:00 SOCIAL COMPLEXITY IN COPPER AGE IBERIA: DEBATING ANTONIO GILMAN'S IDEAS

García Sanjuán, Leonardo (Departamento de Prehistoria y Arqueología)

#### 10:15 DISCUSSION SLOT

#### 11:00 THE ORIGINS OF SOCIAL INEQUALITY IN PREHISTORIC EUROPE: RITUALS AND MONUMENTS TO CONTROL WEALTH IN BRONZE AGE OF LA MANCHA

Benítez de Lugo Enrich, Luis (Department of Prehistory and Archaeology. Universidad Autónoma de Madrid; Department of Prehistory and Archaeology. Universidad Nacional de Educación a Distancia) - Mejías Moreno, Miguel (Instituto Geológico y Minero de España) - Esteban, César (Instituto de Astrofísica de Canarias; Department of Sciences. Universidad de la Laguna) - López Sáez, José Antonio (Instituto de Historia. Consejo Superior de Investigaciones Científicas)

- 11:15 METAL PRODUCTION IN EL ARGAR CULTURE: RECYCLING AND METAL CONSUMPTION**  
Montero Ruiz, Ignacio (Instituto de Historia - CSIC) - Rovira Llorens, Salvador (Museo Arqueológico Nacional) - Murillo-Barroso, Mercedes (Universidad de Granada)
- 11:30 PROJECT AU: THE ARCHAEOLOGY OF GOLD**  
Perea, Alicia (CSIC)
- 11:45 REVISITING GERMANIC SOCIETIES IN LATER PREHISTORIC IBERIA**  
Blanco-González, Antonio (Universidad de Salamanca)
- 12:00 THE Taulas of Minorca and its Ideological Function during the Postalalyotic Period**  
Prados Torreira, Lourdes (Universidad Autónoma de Madrid, Departamento de Prehistoria y Arqueología)
- 12:15 SUBMISSION VERSUS REBELLION COSTS: WHY THERE ARE NO SOCIAL HIERARCHIES IN IBERIAN NORTHWESTERN IRON AGE UNTIL ROMAN RULE**  
Sastre, Inés - Sánchez-Palencia, Francisco Javier (IH.CSIC) - Currás, Brais (Universidade de Coimbra) - Orejas, Almudena (IH.CSIC)
- 12:30 POLITICAL RESISTANCE, BODY AND MATERIAL CULTURE. THE CASES OF THE AWÁ (BRAZIL) AND THE GUMUZ AND DATS'IN (ETHIOPIA)**  
Hernando, Altmudena (Universidad Complutense, Madrid)
- 12:45 DISCUSSION SLOT**
- 14:00 THE MIDDLE PALEOLITHIC REVOLUTION**  
Zilhao, Joao (Univ de Barcelona, Fac de Geografia i Historia)
- 14:15 A SPECTRE IS HAUNTING EUROPE... THE IMPACT OF ARCHAEOGENETICS AS SEEN FROM IBERIA**  
Vicent García, Juan - Martínez Navarrete, Isabel (Instituto de Historia CSIC)
- 14:30 THE RESEARCH OF POLITICAL ORGANISATION IN ARCHAEOLOGY**  
Micó, Rafael - Lull, Vicente - Rihuete-Herrada, Cristina - Risch, Roberto (Universitat Autònoma de Barcelona)
- 14:45 MODES OF PRODUCTION AND THE EUROPEAN BRONZE AGE**  
Kristiansen, Kristian (University of Gothenburg) - Earle, Timothy (Northwestern University)
- 15:00 STUDYING DEVELOPMENT OF INEQUALITY IN VIKING AGE ICELAND - THE COERCIVE POWER OF ANTONIO GILMAN**  
Steinberg, John (UMass Boston)
- 15:15 WHY ARCHAEOLOGICAL SURVEY? FROM THE COMPLEXITY OF SURFACE RECORD TOWARDS AN AGRARIAN HISTORY OF LANDSCAPES**  
Mayoral Herrera, Victorino (Merida Institute of Archaeology. Spanish Council of Research)

**15:30 AGRICULTURE, COMMUNITIES AND THE LANDSCAPE IN THE PREHISPANIC PERIOD IN THE HIGHLANDS OF THE ATACAMA DESERT (RIO SALADO, NORTHERN CHILE)**

Parcero-Oubiña, César (Instituto de Ciencias del Patrimonio, Consejo Superior de Investigaciones Científicas) - Troncoso, Andrés - Salazar, Diego (Departamento de Antropología, Universidad de Chile) - Hayashida, Frances (Department of Anthropology, University of New Mexico) - Fábrega-Álvarez, Pastor (Instituto de Ciencias del Patrimonio, Consejo Superior de Investigaciones Científicas) - Borie, César (Programa de Doctorado, Universidad de Tarapacá-Universidad Católica del Norte) - Pino, Mariela (Freelance archaeologist)

**15:45 DISCUSSION SLOT**

**16:30 PRELIMINARY SPATIAL AND CHRONOLOGICAL ANALYSIS OF PREHISTORIC SITES IN TAIWAN: TOWARDS SOCIAL COMPLEXITY**

Cruz Berrocal, Maria (IIIIPC, Universidad de Cantabria) - Sebastián López, María (Universidad de Zaragoza) - Serrano Herrero, Elena (IIIIPC, Universidad de Cantabria) - Tsang, Chenghwa (University of Tsing Hua) - Uriarte González, Antonio (CSIC)

**16:45 ANTONIO GILMAN AND SOUTH AMERICAN ARCHAEOLOGY**

Costin, Cathy (Department of Anthropology California, State University Northridge)

**17:00 DISCUSSION SLOT**

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**091 CONTINUITY AND TRANSFORMATION IN WESTERN MEDITERRANEAN COMMUNITIES DURING THE FIRST MILLENNIUM BCE**

**ROOM:** UB4M

**TIME:** 8:30-12:30, 14:30 - 16:00

**THEME:** Mediterranean seascapes

**FORMAT:** Regular session

**ORGANISERS:** Balco, William (University of North Georgia) - Ferrer Martín, Meritxell (Universitat Pompeu Fabra) - Sevara, Christopher (University of Vienna)

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**ABSTRACTS**

**8:30 CULTURAL CONTACTS, SOCIAL AND ETHNIC DYNAMICS IN CENTRAL AND SOUTHERN SICILY DURING THE FIRST MILLENNIUM BC**

Panvini, Rosalba (Università degli Studi di Catania)

**8:45 CONTINUITY AND TRANSFORMATION IN THE COMMUNITIES OF SOUTHERN SICILY DURING THE 1ST MILLENNIUM BC**

Gulli, Domenica (Soprintendenza Beni Culturali di Agrigento)

- 9:00 A NEW SETTLEMENT OF THE GREEK AGE IN THE HINTERLAND OF GELA (SICILY)**  
Muratore, Sebastiano (Tubingen Universitat) - Congiu, Marina (Soprintendenza di Caltanissetta) - Calà, Gianluca (Soprintendenza di Caltanissetta)
- 9:15 INVESTIGATING MOVEMENT AND PERCEPTION AS AN AID TO UNDERSTANDING SOCIOECONOMIC CHANGE AND CULTURAL RELATIONSHIPS IN PRE- AND PROTOHISTORIC WESTERN SICILY**  
Sevara, Christopher - Doneus, Michael (Department of Prehistoric and Historical Archaeology, University of Vienna) - Draganits, Erich (Institute of Applied Geology, University of Natural Resources and Life Sciences, Vienna) - Salisbury, Roderick - Schilk, Sheba (Department of Prehistoric and Historical Archaeology, University of Vienna) - Tusa, Sebastiano (Soprintendenza del Mare, Regione Siciliana)
- 9:30 URBAN SPACE AND LANDSCAPE: SETTLEMENTS AND LOCAL COMMUNITIES IN IRON AGE WESTERN SICILY**  
Spatafora, Francesca (Museo Archeologico Regionale)
- 9:45 BUILDING LOCAL RESPONSES: RITUAL ARCHITECTURES IN WESTERN SICILY (10TH-5TH CENTURIES BC)**  
Ferrer Martin, Meritxell (Universitat Pompeu Fabra)
- 10:00 ARCHAIC SICILY AND THE CONSOLIDATION OF RELIGIOUS PRACTICE**  
Urquhart, Lela (Getty Research Institute)
- 10:15 DISCUSSION SLOT**
- 11:00 RETRACING SOCIAL INTERACTION AND TRANSFORMATIONS IN ANCIENT SELINUNT**  
Jonasch, Melanie (German Archaeological Institute)
- 11:15 CONTEXTUALIZING IRON AGE CONTINUITY AND TRANSFORMATION IN THE TERRITORY OF ALCAMO (TP), SICILY**  
Balco, William (University of North Georgia) - Giglio, Rosella (Soprintendenza di Trapani)
- 11:30 THE STRANGER'S WELCOME ON ARCHAIC MONTE IATO: FROM HUTS TO CLUBHOUSES AT THE CULT PLACE AROUND THE APHRODITE TEMPLE**  
Mohr, Martin (Institut für Archäologie der Universität Zürich. FB Klassische Archäologie) - Kistler, Erich - Öhlinger, Birgit (Institut für Archäologien. Leopold-Franzens-Universität Innsbruck)
- 11:45 CHARRED PLANT REMAINS FROM EARLY IRON AGE WESTERN SICILY: ENVIRONMENT AND SUBSISTENCE STRATEGIES AT MONTE POLIZZO**  
Stika, Hans-Peter (University of Hohenheim in Stuttgart)
- 12:00 ARIZONA SICILY PROJECT: PRELIMINARY RESULTS**  
Blake, Emma - Schon, Robert (University of Arizona)
- 12:15 DISCUSSION SLOT**



**14:30 ORGANIZATION AND TRANSFORMATION IN SULCIS LANDSCAPE DURING THE PHOENICIAN AND PUNIC AGE: A FOCUS ON PANI LORIGA**

Tirabassi, Livia - Botto, Massimo (Istituto di Studi sul Mediterraneo Antico ISMA - CNR) - Madrigali, Emanuele (Independent Researcher)

**14:45 CULTURAL ENCOUNTERS AND EVERYDAY LIFE AROUND A NURAGHE IN PHOENICIAN AND PUNIC SARDINIA**

Van Dommelen, Peter (Brown University) - Stiglitz, Alfonso (Museo Civico San Vero Milis)

**15:00 TRACKING CHANGE IN THE SOCIAL ARENA. LANDSCAPE AND MONUMENTAL ARCHITECTURE IN THE BALEARIC ISLANDS DURING THE IRON AGE**

Galmes Alba, Alejandra - Calvo Trias, Manuel (ArqueoUIB Research Group, University of the Balearic Islands)

**15:15 THE TIES THAT BIND: MARITIME TRADE NETWORKS IN THE ARCHAIC WESTERN MEDITERRANEAN (7TH-6TH C. BCE)**

Salay, Paul (University of Southern California)

**15:30 DISCUSSION SLOT****110 DISENTANGLING HUMAN FROM NATURAL FACTORS: TAPHONOMICAL VALUE OF MICROANATOMICAL FEATURES ON ARCHAEOLOGICAL WOOD AND CHARCOAL ASSEMBLAGES**

ROOM: UB205

TIME: 8:30 - 15:00

THEME: The archaeology of material culture, bodies and landscapes

FORMAT: Regular session

ORGANISERS: Vidal-Matutano, Paloma (Université Côte-d'Azur, CEPAM, CNRS; Universitat de València) - Henry, Auréade (Université Côte-d'Azur, CEPAM, CNRS) - Carrión, Yolanda (Universitat de València) - Allué, Ethel (IPHES)

Session related to the EAA Community on the Archaeology of Wild Plants.

**ABSTRACTS****8:30 INTRODUCTION TO SESSION NB. 110**

Vidal-Matutano, Paloma (CEPAM, CNRS, Université Côte-d'Azur; PREMEDOC Research Group, Universitat de València) - Henry, Auréade (CEPAM, CNRS, Université Côte-d'Azur) - Carrión, Yolanda (PREMEDOC Research Group, Universitat de València) - Allué, Ethel (IPHES)

**8:45 HOW THE RECOVERY METHODS AFFECT THE REPRESENTATION OF WOOD CHARCOAL ASSEMBLAGES: A TAPHONOMIC APPROACH**

Arranz Otaegui, Amaia (University of Copenhagen)

- 9:00 THE MEANING OF CHARCOAL TAPHONOMICAL MARKERS VALUES IN PALAEOLITHIC PINUS SYLVESTRIS TYPE ASSEMBLAGES FROM THE NE OF IBERIA**  
Allué, Ethel (Institut de Paleoeologia Humana i Evolució Social; Universitat Rovira i Virgili)
- 9:15 EXPERIMENTAL CHARRING OF DEGRADED AND HEALTHY WOOD FOR UNDERSTANDING FIREWOOD ACQUISITION IN PREHISTORIC SOCIETIES.**  
Piqué, Raquel (Universitat Autònoma de Barcelona, Departament de Prehistòria) - Ciampagna, Maria Laura (CONICET-División Arqueología, Facultad de Ciencias Naturales y Museo, Universidad Nacional de La Plata, Argentina) - Ortiz Moratles, Omar (Universitat Autònoma de Barcelona, Departament de Prehistòria)
- 9:30 FORMING MECHANISMS, ENVIRONMENTAL RELEVANCE AND CULTURAL IMPLICATIONS OF VITRIFIED CHARCOAL**  
COURTY, Marie-Agnes (CNRS) - ALLUE, Ethel (IPHES Institut Català de Paleoeologia Humana i Evolució Social; URiV Universitat Rovira i Virgili)
- 9:45 WHEN EXPERIMENTATION RAISES MORE QUESTIONS THAN IT PROVIDES ANSWERS: LABORATORY REPLICATION OF VITRIFIED WOOD CHARCOAL AND ITS RELEVANCE FOR ARCHAEOLOGY**  
Henry, Auréade (CNRS UMR 7264 CEPAM) - Orange, François (CCMA, Université Côte d'Azur) - Théry-Parisot, Isabelle (CNRS UMR 7264 CEPAM)
- 10:00 SPATIAL ANALYSIS OF VITRIFIED CHARCOAL FRAGMENTS FROM CHASOGO-2 (TENERIFE, CANARY ISLANDS): A METHODOLOGICAL APPROACH**  
Vidal-Matutano, Paloma (CEPAM, CNRS, Université Côte-d'Azur; PREMEDOC Research Group, Universitat de València) - Marrero Salas, Efraim - García Ávila, Juan Carlos - Pou Hernández, Sergio - Arnay de la Rosa, Matilde (U.D.I. de Prehistoria, Arqueología e Historia Antigua, Facultad de Geografía e Historia, Universidad de La Laguna)
- 10:15 PINEWOODS AND VITRIFICATION HIGH-LEVELS IN MESOLITHIC CHARCOAL ASSEMBLAGES IN THE EBRO VALLEY (IBERIAN PENINSULA). A SPECIFIC USE OR LIMITED AVAILABILITY?**  
Alcolea Gracia, Marta - Mazo Pérez, Carlos (University of Zaragoza) - Piqué Huerta, Raquel (Autonomous University of Barcelona)
- 11:00 INFLUENCE OF OCCUPATION AND SEDIMENTATION PATTERNS ON CHARCOAL BIOALTERATION AT ABRIGO DE LA QUEBRADA (VALENCIA, SPAIN)**  
Carrión Marco, Yolanda - Badal, Ernestina - Martínez, Carmen M. - Eixea, Aleix (Universitat de València) - Zilhão, João (Institució Catalana de Recerca i Estudis Avançats - ICREA) - Villaverde, Valentín (Universitat de València)
- 11:15 ANALYSIS OF ACCIDENTLY COLLECTED CHARCOALS FROM CREMATED GRAVES. CASE STUDY OF IRON AGE MARVELE CEMETERY AND DUBINGIAI BURIAL MOUNDS**  
Peseckas, Kestutis (The Nature Research Center)
- 11:30 GROWTH RING CURVATURES, A TOOL TO UNDERSTAND DEPOSITIONAL PROCESSES?**

Santeramo, Riccardo (University of Basque Country/Euskal Herriko Unibertsitatea; Geography, Prehistory and Archaeology Department; Heritage and Cultural Landscape Research Group - GIPYPAC)

#### **11:45 ESTIMATING PLANT HEIGHT FROM ANATOMICAL TRAITS OF ARCHEOLOGICAL WOOD AND CHARCOAL REMAINS**

Paradis-Grenouillet, Sandrine (Department of Cultural Heritage, Padua University; Geolab UMR 6042 CNRS - Limoges Université; Eveha) - Bassetto, Davide - Anfodillo, Tommaso - Crivellaro, Alan (Dipartimento Territorio e Sistemi Agro Forestali, TESAF, Padua University)

#### **12:00 DIAGNOSTIC FEATURES OF THE CHARCOAL ASSEMBLAGES ASSOCIATED WITH THE SWIDDEN CULTIVATION**

Ponomarenko, Elena (Kazan Federal University; University of Ottawa) - Ershova, Ekaterina (Moscow State Lomonossov University; Kazan Federal University) - Bakumenko, Varvara (Moscow State Lomonossov University) - Tomson, Pille (Estonian University of Life Sciences)

#### **12:15 DISCUSSION SLOT**

#### **14:00 DISCUSSION SLOT**

### POSTERS

#### **a. WOOD AND CHARCOAL DECAY IN MAGDALENIAN LEVELS OF COVA DE LES CENDRES (ALICANTE, SPAIN)**

Badal, Ernestina - Martínez, Carmen M. - Real, Cristina (Universitat de València. Departament de Prehistòria, Arqueologia i Història Antiga. PREMEDOC) - Roman, Didac (SERP. Departament de Prehistòria, Història Antiga i Arqueologia. Universitat de Barcelona) - Villaverde, Valentín (Universitat de València. Departament de Prehistòria, Arqueologia i Història Antiga. PREMEDOC)

## **121 CHILDREN AT WORK**

**ROOM:** UB222

**TIME:** 8:30 - 12:30

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Le Roy, Melie (Archaeology & Palaeoecology School of Natural and Built Environment, Queen's University Belfast) - Polet, Caroline (Royal Belgian Institute of Natural Sciences Department of Palaeontology; Faculté de Philosophie et Sciences sociales, Département d'Histoire, Arts et Archéologie, Université libre de Bruxelles)

## ABSTRACTS

- 8:30 EVIDENCE OF CHILDREN PARTICIPATING IN CRAFT ARTS AT THE END OF NEOLITHIC IN THE SOUTH OF FRANCE**  
Le Roy, Melie (School of Natural and Built Environment, Queen's University Belfast)
- 8:45 CHILDREN AND BABYS IN THE MINE - AGE AND SEX RELATED LABOUR DIVISION IN THE SALT MINES OF HALLSTATT**  
Reschreiter, Hans - Kowarik, Kerstin (Natural History Museum Vienna) - Pany-Kucera, Doris (Austrian Academy of Sciences)
- 9:00 SKILLED CHILDREN IN CERAMIC CRAFT- ARTISANAL INTERPRETATION OF A BRONZE AGE POT FROM PRYSSGÅRDEN SITE, SOUTH-EAST OF SWEDEN**  
Botwid, Katarina (Department of Archaeology and Ancient History Lund University)
- 9:15 DISCUSSION SLOT**
- 9:30 CHILD LABOUR ACCORDING TO PALEODERMATOLYPTIC ANALYSIS**  
Blaževicius, Povilas (National Museum – Palace of the Grand Dukes of Lithuania)
- 9:45 THROWING ACTIVITIES AMONG NEOLITHIC POPULATIONS FROM THE MEUSE RIVER BASIN (BELGIUM, 4500 – 2500 BC): FOCUS ON THE ADOLESCENT INDIVIDUALS**  
Polet, Caroline (Royal Belgian Institute of Natural Sciences) - Leunda Martiarena, Merlin (Université Libre de Bruxelles) - Villotte, Sébastien (Université de Bordeaux) - Vercauteren, Martine (Université Libre de Bruxelles)
- 10:00 PHYSICAL STRESS IN A SUB-GROUP OF YOUNG INDIVIDUALS FROM THE EXCAVATED POPULATION OF ST. ROMBOUT'S CEMETERY, MECHELEN, BELGIUM (10TH-18TH CENTURY)**  
Van de Vijver, Katrien (Royal Belgian Institute of Natural Sciences)
- 10:15 DISCUSSION SLOT**
- 11:00 WORK AND PLAY: A NEW APPROACH TO RECONSTRUCTING CHILDHOOD DEVELOPMENT AND ACTIVITY**  
Palmer, Jessica (Leiden University) - Lieverse, Angela (University of Saskatchewan) - Waters-Rist, Andrea (University of Western Ontario)
- 11:15 A CITY OF MILLS AND CANALS: PRE-TEEN AND TEENAGE WORKERS IN MID-NINETEENTH-CENTURY LOWELL, MASSACHUSETTS**  
Murphy, Eileen (Queen's University Belfast) - McKean, David (Independent researcher) - Donnelly, Colm (Queen's University Belfast)
- 11:30 THE IMPACT OF DEVELOPMENT ON INTERPRETING ENTHESEAL CHANGES IN CHILDREN**  
Henderson, Charlotte (CIAS - Research Centre for Anthropology and Health, University of Coimbra)
- 11:45 DISCUSSION SLOT**



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## 150 MUSEUM PRESENTATION IN A CHALLENGED WORLD

ROOM: UB220

TIME: 8:30 - 13:00

THEME: Museums and the challenges of archaeological outreach in the 21st century

FORMAT: Regular session

ORGANISERS: Linaa, Jette (Moesgaard Museum) - Hall, Mark (Perth Museum & Art gallery)

### ABSTRACTS

#### 8:30 INTRODUCING SOME OF THE CHALLENGES FROM A UK AND DANISH PERSPECTIVE

Hall, Mark (Perth Museum & Art Gallery)

#### 8:45 ELUSIVE PHOENICIANS: PERCEPTIONS OF PHOENICIAN IDENTITY AND MATERIAL CULTURE AS REFLECTED IN MUSEUM RECORDS AND DISPLAYS

Sassine, Lamia (University of Sheffield)

#### 9:00 MULTIMODAL MUSEUMS IN THE DIGITAL WORLD: A COMPARATIVE ANALYSIS OF POLICIES AND EXEMPLARY CASES IN GREECE, SPAIN AND CYPRUS

Giannoulis Giannouloupoulos, Georgios (Universidad Pompeu Fabra; Foundation of the Hellenic World) - Pujol, Laia - Collins, Ricardo (Universidad Pompeu Fabra)

#### 9:15 DISCUSSION SLOT

#### 9:30 THE ARCHAEOLOGY MUSEUM OF CATALONIA AND THE APLICATION OF THE NEW TECNOLOGIES IN MUSEOGRAPHY

Torres, Josep Manuel (Museu d'Arqueologia de Catalunya)

#### 9:45 MUSEUM OF TILES IN THE NEW JERUSALEM MONASTERY

Glazunova, Olga (Institute of Archaeology Russian Academy of Sciences)

#### 10:00 A NEW METHODOLOGICAL APPROACH FOR EDUCATIONAL ARCHAEOLOGY: A CONSIDERATION ON THE ITALIAN STATE-OF-ART IN SEARCHING FOR AN EDUCATIONAL POLICY

La Terra, Lia (Independent researcher)

#### 10:15 DISCUSSION SLOT

#### 11:00 AN EXHIBITION ENTITLED: „UMA HISTÓRIA ENGARRAFADA: O VIDRO UTILITÁRIO DO SÉC. XVIII EM ALMADA“

Coutinho, Inês - Vilarigues, Márcia (Department of Conservation and Restoration, FCT NOVA, Lisboa; Research Unit VICARTE, Vidro e Cerâmica para as Artes, FCT NOVA, Lisboa) - Pequito, Luís (Câmara Municipal de Almada; Instituto de História Contemporânea – Centro de Estudos em História e Filosofia da Ciência – Universidade de Évora)

#### 11:15 TIRPITZ 1 – THE CHALLENGE AS AN OLD ARCHAEOLOGIST TO MAKE A BRAND NEW MUSEUM

Frandsen, Lene (Vardemuseerne/Tirpitz; ArkVest - Arkæologi Vestjylland)

**11:30 TIRPITZ 2 - WE ARE NOT THE VISITOR!**

Andresen, Stina (Vardemuseern/Tirpitz; ArkVest - Arkæologi Vestjylland)

**11:45 DISCUSSION SLOT****12:00 THE MOESGAARD STYLE: EXPERIENCES FROM CURATING A PERMANENT EXHIBITION IN A NEW MUSEUM**

Linaa, Jette (Moesgaard Museum)

**12:15 DISCUSSION SLOT****170 AGE EAA SESSION ON “GENDER AND COLONIALISM”**

ROOM: UB209

TIME: 14:00 - 18:00

THEME: The archaeology of material culture, bodies and landscapes

FORMAT: Regular session

ORGANISERS: Monton-Subias, Sandra (ICREA/UPF) - Marin-Aguilera, Beatriz (University of Cambridge)  
- Papoli-Yazdi, Leila (Freie Universität Berlin)



Session related to the EAA Community Archaeology and Gender in Europe (AGE).

**ABSTRACTS****14:00 GENDER AND COLONIALISM. AN INTRODUCTION TO THE 2018 AGE SESSION**

Papoli Yazdi, Leila (Freie Universität Berlin) - Monton-Subias, Sandra (ICREA; Universitat Pompeu Fabra) - Marin Aguilera, Beatriz (University of Cambridge)

**14:15 GENDER RELATIONS IN COLONIAL PERIPHERIES: THE POSTALAYOTIC SOCIETY AS A CASE STUDY (S.VI-II A.C./BALEARIC ISLANDS, SPAIN)**

Torres Gomariz, Octavio (University of Alicante)

**14:30 “HE IS LOOKING AT BOWMEN LIKE WOMEN”: ANCIENT EGYPTIAN GENDERING OF NUBIANS DURING THE NEW KINGDOM**

Matic, Uros (Westfälische Wilhelms-Universität Münster)

**14:45 GENDER AND MAINTENANCE ACTIVITIES IN THE FIRST GLOBALIZATION. THE EXAMPLE OF COLONIAL GUAM (1668-1700)**

Monton-Subias, Sandra (ICREA/UPF)

**15:00 LUCIA MIRANDA AND THE STAYS. DIFFERENT STRATEGIES FOR FEMALE GENDER SUBMISSION IN COLONIAL CONTEXTS**

Escribano-Ruiz, Sergio (University of the Basque Country - UPV/EHU; Grupo de Investigación en Patrimonio Contruido - GPAC) - Azkarate, Agustin (University of the Basque Country - UPV/EHU; Grupo de Investigación en Patrimonio Contruido - GPAC; UNESCO Chair on Cultural Landscape and Heritage)



**15:15 GENDER AND TECHNOLOGICAL CHANGE IN COLONIALISM**

Rodríguez-Alegría, Enrique (University of Texas at Austin)

**15:30 RESISTANCE AND PUNISHMENT: TEXTILE PRACTICES AMONG RECHE-MAPUCHE COMMUNITIES IN COLONIAL CHILE (16TH-19TH CENTURY)**

Marin-Aguilera, Beatriz (McDonald Institute for Archaeological Research, University of Cambridge)

**15:45 DISCUSSION SLOT****16:30 EMPOWERING DAILY MEALS: GENDER, POWER AND CULTURAL ENTANGLEMENTS IN EMPÚRIES, NORTHEAST CATALONIA (5TH-4TH CENTURIES BC)**

Ferrer Martin, Meritxell - Delgado Hervás, Ana (Universitat Pompeu Fabra)

**16:45 FIRE WITH FIRE: ETHNOSEXUAL CONFLICTS AND RESISTANCES AT THE EARLY COLONISATION OF THE MARIANA ISLANDS**

Moral de Eusebio, Enrique (Universitat Pompeu Fabra)

**17:00 MASCULINE PLACE IN LIMINAL SPACE: ASSEMBLAGES OF PRACTICE OF ANGLO-AMERICAN SEAFARERS ON LA TORTUGA ISLAND, VENEZUELA, 1700-1781**

Antczak, Konrad (University of Amsterdam; Unidad de Estudios Arqueológicos, Universidad Simón Bolívar)

**17:15 GENDER AND AGEING IN COMPLEX SOCIETIES: FACING GENDER IN THE FUNERARY PRACTICES OF ELDERLY AT MONTE ALBAN, OAXACA, MEXICO**

Martins de Alencar, Soraya (Escuela Nacional de Antropología e Historia - ENAH)

**17:30 DISCUSSION SLOT****188 OUTSIDE INFLUENCES. EXPRESSIONS THROUGH PORTABLE MATERIAL CULTURE IN LATER PREHISTORY**

**ROOM:** CCCB11A

**TIME:** 14:00 - 18:30

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Knight, Matthew (Later Prehistoric Finds Group) - Dietrich, Oliver (German Archaeological Institute, Orient Department)

**ABSTRACTS****14:00 BRINGING CHANGE ACROSS THE BALTIC SEA IN THE 3RD MILLENNIUM BCE. REVEALING MOBILITY, EXCHANGE AND NETWORKS THROUGH POTTERY ANALYSIS**

Larsson, Asa (Swedish National Heritage Board) - Holmqvist, Elisabeth (University of Helsinki)

- 14:15 OUT OF IBERIA: IRISH PREHISTORIC METALWORKING EXPERTISE ORIGINATED IN SPAIN AND SPREAD TO BRITAIN**  
Bell, David (Queen's University Belfast)
- 14:30 SCOTTISH BRONZE AGE FOOD VESSEL CORPUS - SCALES OF ASSEMBLAGE AND REFERENTIALITY**  
Innes, Marta (University of Glasgow)
- 14:45 LOCAL PRACTICES AND NON-LOCAL INFLUENCES: MIDDLE BRONZE AGE SETTLEMENT POTTERY AND INTRAREGIONAL CONNECTIONS IN THE CARPATHIAN BASIN**  
Staniuk, Robert (Graduate School 'Human Development in Landscapes' at Kiel University)
- 15:00 CRAFTS DURING THE BRONZE AGE: POTTERY TECHNOLOGY IN SAN ADRIAN (GIPUZKOA, NORTH OF SPAIN)**  
Quevedo-Semperena, Iزارo (Sociedad de Ciencias Aranzadi) - Cubas, Miriam (Sociedad de Ciencias Aranzadi; BioArCh. University of York) - Tapia Sagarna, Jesus (Sociedad de Ciencias Aranzadi) - Armendáriz Gutiérrez, Ángel (University of Cantabria; Instituto Internacional de Investigaciones Prehistóricas de Cantabria) - Arrizabalaga Valbuena, Álvaro (Universidad del País Vasco) - Ceberio Rodríguez, Manuel - Moraza Barea, Alfredo (Sociedad de Ciencias Aranzadi)
- 15:15 BETWEEN EUROPE AND THE NEAR EAST: BALANCE WEIGHTS AND WEIGHING IN LATE BRONZE AGE CYPRUS**  
Siennicka, Malgorzata (University of Göttingen, Institute of Archaeology)
- 15:30 MIXING IT UP: LATE BRONZE AGE MIXED ORIGINS HOARDS FROM SOUTH WEST ENGLAND**  
Knight, Matthew (Later Prehistoric Finds Group)
- 15:45 DISCUSSION SLOT**
- 16:30 AN AMBER NECKLACE: THE LATE BRONZE AGE RITUAL DEPOSIT OF CABECINHO DA CAPITÔA (MAFRA, PORTUGAL)**  
Sousa, Ana Catarina - Pereira, Carlos (UNIARQ, Center for Archaeology of the University of Lisbon) - Odriozola, Carlos (Department of Prehistory and Archaeology, University of Seville) - Monge Soares, António (Centro de Ciências e Tecnologias Nucleares - C2TN, Instituto Superior Técnico, Universidade de Lisboa) - Miranda, Marta (Câmara Municipal de Mafra) - Arruda, Ana Margarida (UNIARQ, Center for Archaeology of the University of Lisbon)
- 16:45 ARMORICAN SOCKETED AXES - COMMODITIES FOR HOARDING AND EXPORT DURING THE LATE BRONZE AGE/EARLY IRON AGE?**  
Dietrich, Oliver (Deutsches Archäologisches Institut)
- 17:00 CULTURAL EXCHANGE IN IRON AGE THRACE: AN ANALYSIS OF EXTERNAL INFLUENCES THROUGH TRANSFORMATIONS IN CERAMIC MANUFACTURING**  
Hart, Ashlee (University at Buffalo, SUNY)
- 17:15 NEW INSIGHTS ON THE LATE HALLSTATT CULTURAL CONNEXIONS REVEALED BY THE GRAVE GOODS FROM VALEA STÂNII NECROPOLIS (FERIGILE GROUP, ROMANIA)**  
Mandescu, Dragos (Arges County Museum)

**17:30 FINDS OF HISPANIC COINS FROM THE EASTERN ADRIATIC AND ITS HINTERLAND**

Celhar, Martina - Ilkić, Mato (University of Zadar)

**17:45 ROMAN OR BRITON? IMAGES OF THE ICENI AS DEPICTED ON THEIR COINS**

Chadburn, Amanda (University of Bristol)

**18:00 DISCUSSION SLOT****POSTERS****a. AN EXPERIMENT, A SOLUTION OR A FAIL? THE CASE OF POTTERY KILNS FROM STRZELCE MAŁE (MAŁOPOLSKA PROVINCE, POLAND)**

Bulas, Jan - Okońska, Magdalena (Jagiellonian University) - Przybyła, Marcin M. (Independent researcher)

**192 THE "GEOSPATIAL TURN": CRITICAL APPROACHES TO GEOSPATIAL TECHNOLOGIES IN ARCHAEOLOGICAL RESEARCH**

ROOM: UB105

TIME: 14:00 - 16:00

THEME: Theories and methods in archaeological sciences

FORMAT: Session with presentations of 6 slides in 6 minute

ORGANISERS: Kalayci, Tuna (CNR-IBAM) - Seifried, Rebecca (IMS-FORTH)

**ABSTRACTS****14:00 ARCHAEOLOGY AND THE MILITARY COMPLEX**

Kalayci, Tuna (CNR-IBAM)

**14:06 ARCHAEOLOGICAL SURVEY AND THE ETHICS OF (UN)INTENTIONAL SURVEILLANCE**

Seifried, Rebecca (Institute for Mediterranean Studies - FORTH)

**14:12 REMOTE-SENSING AS PUBLIC OUTREACH: PROVIDING A HISTORICAL PERSPECTIVE ON THE ENVIRONMENTAL IMPACTS OF EVERYDAY LIFE**

Stelson, Laura - Triozzi, Nicholas - Druggan, Patrick (The Pennsylvania State University)

**14:18 A PARADIGM OF ARCHAEOLOGICAL AMATEUR 'RESEARCH' - DETECTORISTS TAKING TO THE AIR... AND SOCIAL MEDIA**

Broch, Mathias (De Kulturhistoriske Museer i Holstebro kommune; University of Copenhagen)

**14:24 DISCUSSION SLOT****14:40 REMOTE SENSING APPLIED TO THE HISTORICAL STUDY OF THE CULTURAL LANDSCAPE OF SIERRA NEVADA (GRANADA - SPAIN)**

Romero Pellitero, Pablo (University of Granada)

- 14:46 SPATIAL ANALYSES AND SETTLEMENT STUDIES: VERIFICATION OF EXISTING SCHEMES**  
Niedziółka, Kamil (Institute of Archaeology, Cardinal Stefan Wyszyński University in Warsaw)
- 14:52 MODERN APPLICATION AND SCIENTIFIC RESEARCH. TARGSORU VECHI CASE**  
Magureanu, Andrei (Institute of Archaeology) - Ciuperca, Bogdan - Penes, Marinela - Anton, Alin (Prahova County Museum of History and Archaeology)
- 14:58 ARCHAEOLOGY WITHOUT EXCAVATION?: LASER SCANNING IN OSTIA**  
Ogawa, Takuro - Hori, Yoshiki (Kyushu University)
- 15:04 DISCUSSION SLOT**
- 15:20 SLOW SPACES: BIG DATA, SMALL DATA, AND THE HUMAN SCALE**  
Caraher, William (University of North Dakota)
- 15:26 CLOSING THE LOOP ON THE GEOSPATIAL TURN IN ARCHAEOLOGY**  
Newhard, James (College of Charleston)
- 15:32 DISCUSSION SLOT**

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## 197 HARBOURS AND ROUTES OF THE EASTERN MEDITERRANEAN DURING THE BRONZE AGE AND EARLY IRON AGE

**ROOM:** UB221

**TIME:** 8:30 - 12:30

**THEME:** Mediterranean seascapes

**FORMAT:** Regular session

**ORGANISERS:** Martin Garcia, Jose (Universidad Pompeu Fabra) - Antoniadis, Vyron (Academy of Athens) - Muñoz Sogas, Judith (Universidad Pompeu Fabra) - Ramirez Valiente, Paz (University of Nottingham)

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### ABSTRACTS

- 8:30 THE PORTS OF MYCENAE: KALAMIANOS AND KORAKOU IN THE LBA MEDITERRANEAN**  
Pullen, Daniel (Florida State University)
- 8:45 MATERIAL AND HUMAN MOBILITY: THE DIVERSE CERAMIC WORLDS OF TEICHOS DYMAION, ACHAIA, GREECE**  
Proulx, Benoit - Day, Peter (University of Sheffield) - Gazis, Michalis (Hellenic Ministry of Culture & Sports, Ephorate of Antiquities of Achaia)
- 9:00 KORAKOU, EMPORIUM AND ENTREPÔT OF MYCENAEAN CORINTH**  
Tzonou-Herbst, Ioulia (American School of Classical Studies)
- 9:15 DISCUSSION SLOT**
- 9:30 RAMIFICATIONS DUE TO DIACHRONIC CHANGES IN AEGEAN TRADE ROUTES IN THE BRONZE AND IRON AGES**  
Forsyth, Doug (University of St. Andrews)

**9:45 TEMPLES: THE SHOPPING CENTRES OF ANCIENT PORTS**

Muñoz Sogas, Judith (Universitat Pompeu Fabra; University of Sheffield)

**10:00 EARLY IRON AGE PHOENICIAN COMMERCIAL PATTERNS IN HELLENISTIC DELOS? A COMPARATIVE STUDY OF OVERSEAS ESTABLISHMENTS**

Antoniadis, Vyron (Academy of Athens)

**10:15 DISCUSSION SLOT****11:00 INSTILLING KNOWLEDGES: CONSEQUENCES OF THE EARLY IRON AGE MARITIME CONTACTS ON ARCHAIC GREEK HARBOUR ARCHITECTURE**

Mauro, Chiara Maria (University College Dublin)

**11:15 VIRTUAL RECONSTRUCTION OF AN ANCIENT SHIPYARD ON TURKEY'S DANA ISLAND**

Denker, Ahmet (Istanbul Bilgi University) - Oniz, Hakan (Secuk University)

**11:30 TELL ABU HAWAM'S FUNCTION IN THE LATE BRONZE II: CONVERGENCE OF TERRESTRIAL AND MARITIME ROUTES**

Artzy, Michal (Hatter Lab., RIMS, University of Haifa)

**11:45 TEL RISIM, AN INDICATOR OF AGRICULTURAL GOODS SHIPPED FROM THE JEZREEL VALLEY TO THE HITTITES DURING THE LATE BRONZE AGE**

Martin Garcia, Jose (Universidad Pompeu Fabra) - Atrash, Wallid (Israel Antiquities Authority) - Artzy, Michal (University of Haifa)

**12:00 DISCUSSION SLOT****POSTERS****a. INSCRIBED STIRRUP JARS AND THEIR ROLE IN MYCENAEAN TRADE NETWORK**

Ramirez Valiente, Paz (University of Nottingham)

**201 RETHINKING TIME IN (CONTEMPORARY) ARCHAEOLOGICAL CONTEXT**

**ROOM:** UB402

**TIME:** 8:30 - 10:30

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Regular session

**ORGANISERS:** Shay, Talia (Former Senior Lecturer, Israel Institute of Technology, Technion) - Pyrgaki, Marie (Hellenic Open University) - Malugani Guillet, Lilien (Universidad Nacional de Catamarca, Facultad de Humanidades)

## ABSTRACTS

- 8:30 TIME AND ITS COMPLEXITY IN THE ARCHAEOLOGICAL CONTEXT**  
Pyrgaki, Marie (Universite Paris I, Pantheon -Sorbonne; Hellenic Open University)
- 8:45 NEW IN CHRONOLOGY. WHY THE WESTERN BALTS?**  
Shiroukhov, Roman (Zentrum für Baltische und Skandinavische Archäologie Stiftung Schleswig-Holsteinische Landesmuseen Schloss Gottorf)
- 9:00 IMAGES AND TIME: CRITICAL IMAGES IN THE TREATMENT OF ARGENTINA'S INDIGENOUS PAST AND PRESENT**  
Malugani Guillet, Lilén (Universidad Nacional de Catamarca, Argentina)
- 9:15 TIME AND NECROPOLITICS: HERITAGE-MAKING IN CONTEMPORARY SOUTHERN AFRICA**  
Fredriksen, Per Ditlef (Department of Archaeology, Conservation and History, University of Oslo; Department of Archaeology, University of Cape Town)
- 9:30 THE CONTROL OVER TIME AND ITS ROLE IN THE ULTRA-RELIGIOUS ATTITUDE TOWARD DEATH**  
Shay, Talia (Former Senior Lecturer, Israel Institute of Technology, Technion)
- 9:45 INDIGENOUS ONTOLOGIES OF TIME: TOWARDS A REMODELING OF WESTERN TIME CONCEPTS IN ARCHAEOLOGY**  
Schmidt, Peter (University of Florida; University of Pretoria, South Africa)
- 10:00 DISCUSSION SLOT**

## 208 TO YOUR HEALTH! TRACING HEALTH IN URBAN ENVIRONMENTS IN MEDIEVAL NORTHERN EUROPE

ROOM: UB409

TIME: 14:00 - 18:30

THEME: Theories and methods in archaeological sciences

FORMAT: Regular session

ORGANISERS: Christophersen, Axel (NTNU University Museum, Institute for Archaeology and Cultural history) - Kjellberg, Joackim (Uppsala University, Department of Archaeology and Ancient History)



## ABSTRACTS

- 14:00 MEDIEVAL URBAN HEALTH – A MATTER OF SOCIAL PRACTICE DEVELOPMENT. AN INTRODUCTION**  
Christophersen, Axel (Norwegian University of Sciences and Technology, University Museum)

**14:15 INVESTIGATING HEALTH STRATEGIES AND LIVING CONDITIONS IN THE ENESCOPINGE PROJECT. METHODS AND AIMS FOR A NEW PERSPECTIVE IN URBAN EXCAVATIONS**

Kjellberg, Joakim (Department of Archaeology and Ancient History; County Museum of Uppland) - Bäck, Mathias (National Museum of History, Archa)

**14:30 DIET, SOCIAL COMPLEXITY AND HEALTH IN EARLY MEDIEVAL OSLO – HEALTH AND URBANIZATION THROUGH THE EXPERIENCE OF PEOPLE**

Naumann, Elise (NIKU - Norwegian Institute for Cultural Heritage Research) - Glørstad, Ann Zanette T. (Museum of Cultural History, University of Oslo) - Breiby, Martine P. (Dep. for Archaeology, Conservation and History, University of Oslo) - Mills, Ryan D. - Fullagar, Paul D. (Dep. of Geological Science, University of North Carolina)

**14:45 LIFE IN MEDIEVAL CAMBRIDGE: DEMONSTRATING THE BENEFITS OF A WHOLE CITY APPROACH**

Inskip, Sarah - Robb, John - Dittmar, Jenna - Mitchell, Piers - Rose, Alice - O'Connell, Tamsin (University of Cambridge) - Scheib, Freddi (Estonian Biocenter, University of Tartu) - Kivisild, Toomas - Mulder, Bram - Stock, Jay (University of Cambridge)

**15:00 WAS DEATH THE GREAT LEVELER? THE DISTRIBUTION OF SANITARY INFRASTRUCTURE, SOCIAL WEALTH AND DEATHS DUE TO EPIDEMICS IN NINETEENTH-CENTURY LEIDEN**

van Oosten, Roos (Leiden University)

**15:15 PEOPLE, PLOTS, PLAGUES. RESULTS AND EMPIRICAL OBSERVATIONS OF MEDIEVAL HEALTH FROM A LARGE SCALE URBAN EXCAVATION IN CENTRAL ENKÖPING, SWEDEN**

Sunding, Emelie (Upplandsmuseet) - Westberg, Tomas (The Archaeologists; National Historical Museums)

**15:30 PARASITIC DISEASE AND HERBALISM. MACRO- AND MICRO PERSPECTIVES ON HEALTH AND ENVIRONMENT IN MEDIEVAL ENKÖPING**

Bergman, Jonas - Heimdahl, Jens (The Archaeologists; National Historical Museums)

**15:45 DISCUSSION SLOT**

**16:30 DISCUSSION SLOT**

**POSTERS**

**a. FEEDING THE POOR AND THE SICK, THE EVIDENCE OF THE HÔTEL-DIEU OF VALENCIENNES (15TH - 18TH CENTURIES)**

Derreumaux, Marie (GRAVO) - Oueslati, Tarek (CNRS) - Delassus, David (Service Archéologique de la ville de Valenciennes)

## 223 ANTHROPOMORPHISM IN MATERIAL CULTURE AND LANDSCAPE: APPROACHING A FUNDAMENTAL OF HUMAN COGNITION

ROOM: UB311

TIME: 11:00 - 18:00

THEME: Theories and methods in archaeological sciences

FORMAT: Regular session

ORGANISERS: Gheorghiu, Dragos (National University of Arts - Bucharest) - Paladino, Vincent (American Anthropological Association)

### ABSTRACTS

#### 11:00 ANTHROPOMORPHISM: AN EXPRESSION OF RATIONAL THOUGHT

Paladino, Vincent (American Anthropological Association)

#### 11:15 ECHOES THROUGH TIME OF MYTH AND METAPHOR

Dods, Roberta Robin (The University of British Columbia)

#### 11:30 „THE LOGIC OF THEIR WAYS:“ TYPOLOGIZING ANTHROPOMORPHISM IN COGNITIVE ARCHAEOLOGY WITH EXAMPLES FROM THE NORTHERN AMERICAN SOUTHWEST

van Roggen, Judith (Okanagan College, Kelowna, British Columbia; The University of British Columbia Okanagan)

#### 11:45 DISCUSSION SLOT

#### 12:00 ANTHROPOMORPHIC IMAGES AS INTERPLAY BETWEEN NATURE AND CULTURE

Chroustovsky, Lubos (Faculty of Philosophy and Arts, University of West Bohemia in Pilsen)

#### 12:15 “YOU ARE NEVER ALONE IN NATURE!” ANTHROPOMORPHISM, ANIMISM AND RATIONALITY ANCIENT AND LIVING MEMES IN NORWEGIAN CULTURE

Lindstrom, Torill Christine (Dept of Psychosocial Science, University of Bergen; SapienCE, Centre for early Sapiens Behaviour, CoE)

#### 12:30 LANDSCAPE ANTHROPOMORPHISM: PLACES WITH FACES

Devereux, Paul (Time & Mind Journal)

#### 12:45 DISCUSSION SLOT

#### 14:00 WITNESS. STANDING STONES' ROLE IN MAINTAINING THE COSMIC ORDER

Higginbottom, Gail (Australian National University)

#### 14:15 THE ROCK-CUT SITE ON MYRINA KASTRO: NATURAL-CUM-ARTIFICIAL SCENERY AND INCARNATE ARTEFACTS

Marangou, Christina (Independent researcher)

#### 14:30 VENUS OF GAVÀ. AN APPROACH ITS SYMBOLOGY THROUGH ITS TECHNOLOGICAL RECONSTRUCTION

Calvo Peña, Silvia - Gómez, Anna (Universitat Autònoma de Barcelona) - Bosch, Josep (Museu de Gavà) - Molist, Miquel (Universitat Autònoma de Barcelona)



**14:45 DISCUSSION SLOT****15:00 DOMESTICATION OF HUMAN BODY: THE EMBODIMENT OF NEOLITHIC HOUSEHOLD IN THE BALKANS**

Naumov, Goce (Museum of Macedonia; Center for Prehistoric Research)

**15:15 ANTHROPOMORPHISM: A COGNITIVE MODEL FOR THE SOUTH EASTERN EUROPE CHALCOLITHIC**

Gheorghiu, Dragos (Doctoral School, NUA)

**15:30 DISCUSSION SLOT****16:30 SYMBOLISM AND USE OF BIRCH TREE IN THE BRONZE AGE**

Horáková, Lenka (Via Magna Ltd.) - Jelínek, Pavol (Archaeological Museum - SNM, Bratislava)

**16:45 THE ENIGMATIC ROLE OF AVIAN ANTHROPOMORPHIC VESSELS IN THE BRONZE AGE CARPATHIAN BASIN**

Pasztor, Emilia (Türr Istvan Museum)

**17:00 ANTHROPOMORPHIC IMAGES ON THE BRONZE BELTS FROM THE CAUCASUS IN THE EARLY IRON AGE**

Hasanov, Zaur (Institute of Archaeology and Ethnography, Azerbaijan National Academy of Sciences)

**17:15 CO-ACTING WITH FIGURINES: WOMEN, SHAMANS, AND AMERINDIAN PERSPECTIVISM IN THE ARCHAEOLOGY OF THE LOS ROQUES ARCHIPELAGO, VENEZUELA**

Antczak, Maria Magdalen - Antczak, Andrzej T. (Faculty of Archaeology, Leiden University; Unidad de Estudios Arqueológicos, Universidad Simón Bolívar)

**17:30 DISCUSSION SLOT**


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## **224 BIOARCHAEOLOGICAL APPROACHES TOWARDS UNDERSTANDING DIET AND SUBSISTENCE, AND THEIR ROLE IN THE FORMATION OF EARLY SOCIETIES**

**ROOM:** UB207

**TIME:** 14:00 - 18:30

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Regular session

**ORGANISERS:** Irvine, Benjamin (BIAA - British Institute at Ankara) - Jones, Jennifer (The University of Aberdeen)

## ABSTRACTS

**14:00 A GLACIAL REFUGE IN THE PAYS DE LA LOIRE? AN ISOTOPIC STUDY AT THE SOLUTREAN LEVEL OF THE GROTTÉ ROCHEFORT**

García-Vázquez, Ana (Instituto Universitario de Xeoloxía, Universidade da Coruña) - Bemilli, Céline (Department Grand Ouest, Institut National de Recherches Archéologiques Préventives - INRAP; UMR 7209 AASPE, Muséum National d'Histoire Naturelle, Paris) - Catz, Natacha (UMR 7041 ARSCAN, Université de Paris I) - Colleter, Rozenn (Department Grand Ouest, Institut National de Recherches Archéologiques Préventives - INRAP; UMR 5288 AMIS, Université de Toulouse III) - Hinguant, Stéphan (Department Grand Ouest, Institut National de Recherches Archéologiques Préventives - INRAP; UMR 6566 CReAAH, Université de Rennes 1) - Grandal-d'Anglade, Aurora (Instituto Universitario de Xeoloxía, Universidade da Coruña)

**14:15 CARBOHYDRATE-RICH DIETS SUGGEST EARLY FOOD PRODUCTION AMONG MIDDLE HOLOCENE HUNTER-FISHER-GATHERS IN THE ATLANTIC FOREST**

Colonese, Andre Carlo (University of York) - Pezo-Lanfranco, Luis - Eggers, Sabine - Petronilho, Cecilia (University of São Paulo) - Toso, Alice (University of York) - Bandeira, Dione (Universidade da Região de Joinville) - dos Santos, Adriana MP - Meyer, Roberta (Museu Arqueológico de Sambaqui de Joinville)

**14:30 THE FIRST DEMOGRAPHIC TRANSITION IN LATVIA**

Zarina, Gunita (Institute of Latvian History at the University of Latvia)

**14:45 FINDING FARMERS: SUBSISTENCE STRATEGIES OF THE LATE NEOLITHIC ABORA SETTLEMENT INHABITANTS, SOUTH-EASTERN LATVIA**

Legzdina, Dardega (Institute of Latvian History, University of Latvia)

**15:00 WHAT DOES THEIR RUBBISH TELL ABOUT THEIR DIET? PLANT AND ANIMAL REMAINS FROM THE LATE NEOLITHIC SITE OF ZÜRICH-PARKHAUS OPÉRA**

Antolin, Ferran (Integrative Prehistory and Archaeological Science, University of Basel) - Bleicher, Niels (Centre for Underwater Archaeology and Dendrochronology, Office for Urbanism, Zürich) - Doppler, Thomas (Integrative Prehistory and Archaeological Science, University of Basel; Archaeological Service, Kanton Aargau) - Gerling, Claudia - Schäfer, Marguerita - Schibler, Jörg (Integrative Prehistory and Archaeological Science, University of Basel) - Steiner, Bigna (University Paul Valérie Montpellier 3) - Jacomet, Stefanie (Integrative Prehistory and Archaeological Science, University of Basel)

**15:15 DIET PREFERENCES IN THE NEOLITHIC AND THE EARLY BRONZE AGE SOCIETIES FROM SOUTH-EASTERN POLAND**

Szczepanek, Anita (Institute of Archaeology and Ethnology, Polish Academy of Sciences; Jagiellonian University Medical College) - Jarosz, Paweł (Institute of Archaeology, Adam Mickiewicz University in Poznań) - Włodarczak, Piotr (Institute of Archaeology and Ethnology Polish Academy of Sciences)

**15:30 DISCUSSION SLOT**

**16:30 IRONAGECHEF: EXPLORING COOKING PRACTICES THROUGH TRANSMISSION  
ELECTRON MICROSCOPY ANALYSIS OF BONE COLLAGEN FROM PREHISTORIC  
FEASTING SITES IN BRITAIN**

Faillace, Katie (Cardiff University) - Foody, M. George B. (University of Huddersfield) - Madgwick, Richard (Cardiff University)

**16:45 LATE NEOLITHIC DIET IN THE CANTABRIAN REGION (NORTHERN SPAIN): A  
BIOARCHAEOLOGICAL APPROACH**

González Rabanal, Borja (Instituto Internacional de Investigaciones Prehistóricas de Cantabria) - Jones, Jennifer (School of Geosciences, University of Aberdeen) - Marín Arroyo, Ana Belén - Gutiérrez Zugasti, Igor - González Morales, Manuel Ramón (Instituto Internacional de Investigaciones Prehistóricas de Cantabria)

**17:00 INVESTIGATING PREHISTORIC DIET AND LIFEWAYS OF EARLY FARMERS IN CENTRAL  
NORTHERN SPAIN (3000-1500 CAL BC) USING STABLE ISOTOPE TECHNIQUES**

Jones, Jennifer (University of Aberdeen) - Marín-Arroyo, Ana B. (IIIPC, Universidad de Cantabria) - Vega Maeso, Cristina (Servicio Territorial de Cultura de Valladolid) - Carmona Ballester, Eduardo (Servicio Territorial de Cultura de Valladolid; Área de Arqueología, Universidad de Burgos)

**17:15 LIFE IN THE MARGINS: A BIOARCHAEOLOGICAL APPROACH TO STUDYING HUMAN  
ADAPTATION STRATEGIES IN THE PREHISTORIC CENTRAL TIAN SHAN**

Motuzaitė Matuzevičiūtė, Giedre (Vilnius University)

**17:30 DOMESTICATING THE MOSAIC: STABLE ISOTOPE APPROACHES TO AGROECOLOGIES IN  
SOUTH ASIA**

Nayak, Ayushi - Petraglia, Michael - Boivin, Nicole - Roberts, Patrick (Max Planck Institute for the Science of Human History)

**17:45 ISOTOPE ANALYSES: HUMAN BEHAVIORS VERSUS ENVIRONMENTAL CONDITIONS**

Depaermentier, Margaux (Freiburg University)

**18:00 DISCUSSION SLOT**

**POSTERS**

**a. CONTAMINATION OF CERAMICS WITH RECENT PROTEINS IS A CHALLENGE FOR  
MOLECULAR ARCHAEOLOGY.**

Pavelka, Jaroslav - Šmejda, Ladislav (University of West Bohemia)

## 245 ISSUES ON THE ARCHAEOLOGY OF JEWISH CEMETERIES: URBAN DEVELOPMENT, HERITAGE PRESERVATION AND RISK MANAGEMENT

ROOM: UB102

TIME: 14:00 - 18:30

THEME: Archaeology and the future of cities and urban landscapes

FORMAT: Session with precirculated papers

ORGANISERS: Blanchard, Philippe (INRAP - Institut National de Recherches Archéologiques Préventives; UMR 5199 PACEA, Bordeaux; EHESS - Ecole des Hautes Etudes en Sciences Sociales, Paris) - Ruiz Taboada, Arturo (Complutense University, Madrid) - Maese Fidalgo, Xavier (Institut de Cultura de Barcelona, Servei d'Arqueologia)



### ABSTRACTS

#### 14:00 ARCHAEOLOGY AND HERITAGE MANAGEMENT OF JEWISH CEMETERIES IN EUROPE

Maese Fidalgo, Xavier (Servei d'Arqueologia de Barcelona - ICUB) - Blanchard, Philippe (INRAP) - Ruiz Taboada, Arturo (Universidad Complutense de Madrid)

#### 14:15 INVENTORY AND EVALUATION OF ARCHAEOLOGICAL INTERVENTIONS ON MEDIEVAL JEWISH CEMETERIES IN EUROPE

Blanchard, Philippe (INRAP; UMR 5199 PACEA; EHESS) - Gardère, Philippe (INRAP; UMR 7324)

#### 14:30 THE JEWISH NECROPOLIS OF MONTJUÏC (BARCELONA): PAST, PRESENT AND FUTURE

Maese Fidalgo, Xavier (Servei d'Arqueologia de Barcelona - ICUB) - Subirà i de Galdàcano, M. Eulàlia (Universitat Autònoma of Barcelona) - Casanovas Miró, Jordi (Museu Nacional d'Art de Catalunya)

#### 14:45 ROQUETES SITE: NEW APPROACHES TO THE 1348'S RIOT

Saula, Oriol (Museu Comarcal de l'Urgell) - Subirà i de Galdàcano, M. Eulàlia - O. Clausell, Adriana (GRAPAC unitat d'antropologia biològica Universitat Autònoma de Barcelona) - Colet, Anna (Museu Comarcal de l'Urgell)

#### 15:00 THE MEDIEVAL JEWISH CEMETERY, TOLEDO: PAST AND PRESENT ROLE

Ruiz-Taboada, Arturo (Complutense University Madrid)

#### 15:15 THE JEWISH CEMETERY OF LOS SANTOS PINTADOS IN CORDOBA

Hiedra Rodríguez, Enrique (Universidad de Córdoba; Cordoba Near Eastern Research Unit - CNERU)

#### 15:30 ARCHAEOANTHROPOLOGICAL STUDY OF THE MEDIEVAL JEWISH CEMETERY OF BOLOGNA (ITALY): AN INSTRUMENT OF CULTURAL HERITAGE VALORISATION AND MEMORY CONSTRUCTION

Belcastro, Maria Giovanna (Dept. of Biological, Geological and Environmental Sciences - University of Bologna; Aix Marseille Univ, CNRS, EFS, ADES, Marseille) - Curina, Renata - Di Stefano, Valentina (Soprintendenza Archeologica - SABAP Bologna) - Mariotti, Valentina (Dept. of Biological, Geological and Environmental Sciences - University of Bologna; Aix Marseille Univ, CNRS, EFS, ADES, Marseille) - Pietrobelli, Annalisa - Sorrentino, Rita (Dept. of

Biological, Geological and Environmental Sciences - University of Bologna) - Rizzo, Valentina (Soprintendenza Archeologica - SABAP Bologna) - Modi, Alessandra - Lari, Martina - Caramelli, David (Dept. of Biology - University of Florence)

**15:45 A NORMAN NECROPOLIS WITH MIXED RITUAL IN PALERMO**

Battaglia, Giuseppina (Soprintendenza BB.CC.AA. di Palermo) - Miccichè, Roberto (Università degli Studi di Palermo)

**16:30 JEWISH FUNERAL SPACES AT THE HÔTEL-DIEU OF LYON (18TH CENTURY, FRANCE). DEAD OF YESTERDAY, COMMUNITIES OF TODAY**

Ruiz-Taboada, Arturo (Complutense University Madrid) - Bouvard-Mor, Emma - Puel, Olivia (Service archéologique de la Ville de Lyon, laboratoire ArAr „Archéologie et Archéométrie“ - UMR 5138)

**16:45 THE HUMAN SKELETAL REMAINS: RES OR PEOPLE?**

Belcastro, Maria Giovanna - Mariotti, Valentina (Dept. Biological, Geological and Environmental Sciences - University of Bologna; Aix Marseille Univ, CNRS, EFS, ADES, Marseille)

**17:00 JEWISH CEMETERIES AND ARCHAEOLOGY: RELIGIOUS LAW VERSUS CIVIL LAW**

Polonovski, Max (Ministry of Culture)

**17:15 DISCUSSION SLOT**

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**248 CONTROLS AND UNCERTAINTIES IN CREATING SR ISOTOPE BIOSPHERE MAPS FOR MIGRATION STUDIES**

**ROOM:** UB405

**TIME:** 14:00 - 18:30

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Regular session

**ORGANISERS:** Evans, Jane (British Geological Survey) - Frei, Karin (National Museum of Denmark)

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**ABSTRACTS**

**14:00 ISOTOPE MIGRATION THROUGH SPACE, TIME, AND BODY TISSUES: WHERE IS THE LOCAL SIGNATURE IN A GLOBALISED WORLD?**

Vohberger, Marina - Anders, Dominic - Osmanovic, Amira - Kretzinger, Julia (LMU Munich)

**14:15 DOMESTIC LIVESTOCK MOBILITY IN MONGOLIAN ALTAI: VALIDATION OF BIOAVAILABLE STRONTIUM (87SR/86SR) MAP USING GPS TRACKING**

Lazzerini, Nicolas - Zazzo, Antoine (CNRS UMR 7209, Muséum National d'Histoire Naturelle, „Archéozoologie, Archéobotanique: Sociétés, Pratiques et Environnements“, Département „Ecologie et Gestion de la Biodiversité“) - Balter, Vincent (Laboratoire de Géologie de Lyon - LGL, UMR 5276 CNRS, Ecole Normale Supérieure de Lyon) - Marchina, Charlotte (ASIES - EA 4512, Institut National des Langues et Civilisations Orientales) - Coulon, Aurélie (MNHN, CNRS,

Sorbonne Université, Centre d'Ecologie et des Sciences de la Conservation, Paris; CEFE, CNRS, Univ Montpellier, Univ Paul Valéry Montpellier 3, EPHE, IRD) - Lepetz, Sébastien (CNRS UMR 7209, Muséum National d'Histoire Naturelle, „Archéozoologie, Archéobotanique: Sociétés, Pratiques et Environnements“, Département „Ecologie et Gestion de la Biodiversité“)

**14:30 CONTRIBUTION OF STRONTIUM TO THE HUMAN DIET FROM QUERNS AND MILLSTONES: AN EXPERIMENT IN DIGESTIVE SR-ISOTOPE UPTAKE**

Johnson, Lucie - Montgomery, Janet (Durham University) - Evans, Jane (NIGL, British Geological Survey) - Hamilton, Elliott (British Geological Survey)

**14:45 SEARCHING FOR PAST SR BASELINE VALUES IN MODERN ENVIRONMENTS: CASES FROM POLAND**

Pospieszny, Lukasz (Institute of Archaeology and Ethnology, Polish Academy of Sciences) - Makarowicz, Przemyslaw (Institute of Archaeology, Adam Mickiewicz University in Poznan) - Belka, Zdzislaw (Isotope Laboratory, Adam Mickiewicz University in Poznan) - Szczepanek, Anita (Institute of Archaeology and Ethnology, Polish Academy of Sciences; Jagiellonian University Medical College) - Górski, Jacek (Archaeological Museum of Krakow) - Taras, Halina (Institute of Archaeology, Maria Curie-Skłodowska University)

**15:00 CREATING A SR ISOSCAPE - FROM PLANNING TO MAPPING**

Snoeck, Christophe (Vrije Universiteit Brussel) - Pouncett, John (University of Oxford) - Claeys, Philippe (Vrije Universiteit Brussel) - Fernández-Crespo, Teresa - Lee-Thorp, Julia - Pellegrini, Maura - Ostapkowicz, Joanna (University of Oxford) - Triantaphyllou, Sevi (Aristotle University of Thessaloniki) - Ryan, Saskia (Harvard University) - Schulting, Rick (University of Oxford) - Mattielli, Nadine (Université Libre de Bruxelles) - Tys, Dries - Spros, Rachèl (Vrije Universiteit Brussel)

**15:15 CREATING A CONCENTRATION-WEIGHTED MIXING MODEL FOR THE CALCULATION OF THE 87SR/86SR RANGE OF LOCAL VERTEBRATES USING MODERN ENVIRONMENTAL MATERIAL**

Lengfelder, Fabiola - Söllner, Frank - Grupe, Gisela (Ludwig-Maximilians-University Munich)

**15:30 CONSTRUCTING STRONTIUM ISOSCAPES IN CYPRUS USING SOIL, WATER AND PLANT SAMPLES**

Ladegaard-Pedersen, Pernille - Frei, Karin (National Museum of Denmark) - Kristiansen, Kristian (University of Gothenburg)

**15:45 DISCUSSION SLOT**

**16:30 SR ISOSCAPES IN THE NETHERLANDS - THE CHALLENGES OF MAPPING A DYNAMIC ENVIRONMENT**

Kootker, Lisette - Davies, Gareth R. (Vrije Universiteit Amsterdam)

**16:45 DEVELOPING AND DESIGNING A WEB-BASED, MULTI-ISOTOPE BIOSPHERE MAP FOR BRITAIN**

Evans, Jane (British Geological Survey; Nottingham University; Leicester University) - Chenery, Carolyn - Mee, Katy - Cartwright, Clive - Marchant, Andrew - Lee, Katy (British Geological Survey)

### **17:00 COMPARISON OF SR ISOTOPE RATIOS IN A LARGE SET OF ENVIRONMENTAL SAMPLES FROM VARIOUS LOCATIONS IN CENTRAL EUROPE**

Maurer, Anne-France (HERCULES Laboratory, Evora) - Knipper, Corina (Curt Engelhorn Zentrum, Mannheim) - Winger, Daniel (Heinrich Schliemann-Institut für Altertumswissenschaften, Rostock) - Galer, Stephen JG (Max Planck Institute for Chemistry, Mainz) - Rosner, Martin (IsoAnalysis UG, Berlin) - von Freeden, Uta (German Archaeological Institute, Roman Germanic Commission, Frankfurt a. M.) - Alt, Kurt W (IPNA - Integrative Prähistorische und Naturwissenschaftliche Archäologie, Basel) - Tütken, Thomas - Schöne, Bernd R (Institute of Geosciences, University of Mainz)

### **17:15 STRONTIUM ISOTOPES, ANIMAL HUSBANDRY AND URBAN-HINTERLAND RELATIONSHIPS: A VIEW FROM SOUTH WEST ENGLAND**

Frémondeau, Delphine (University of Reading) - Evans, Jane (British Geological Survey, Keyworth) - Müldner, Gundula (Department of Archaeology, University of Reading)

### **17:30 PRODUCING A DETAILED LOCAL SCALE SR ISOTOPE BIOSPHERE MAP WITH DIRECT APPLICATION TO PROVENANCE EARLY MEDIEVAL POPULATIONS**

Ryan, Saskia (Harvard University) - Crowley, Quentin (Trinity College Dublin) - Reynard, Linda (Harvard University) - Snoeck, Christophe (Vrije Universiteit Brussel) - Tuross, Noreen (Harvard University)

### **17:45 THE CONTRIBUTION OF INFANT TEETH TO THE DEFINITION OF STRONTIUM ISOTOPE BASELINES**

Knipper, Corina (Curt-Engelhorn Center for Archaeometry gGmbH, Mannheim)

### **18:00 FINDING A EUROPEAN HOME FOR HUMANS WITH 87SR/86SR RATIOS ABOVE 0.715 - IS THE BALTIC SHIELD THE ONLY OPTION?**

Montgomery, Janet - Johnson, Lucie (Durham University) - Evans, Jane (NIGL, British Geological Survey)

### **18:15 DISCUSSION SLOT**

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## **266 PUBLIC PARTICIPATION IN EUROPEAN ARCHAEOLOGY: THE LEGAL FRAMEWORK**

**ROOM:** UB412

**TIME:** 8:30 - 10:30

**THEME:** Archaeology and the European Year of Cultural Heritage

**FORMAT:** Discussion session

**ORGANISERS:** Benetti, Francesca (University of Padua) - Almansa Sánchez, Jaime (Incipit CSIC)

## ABSTRACTS

- 8:30 LOOK BUT DON'T TOUCH! YES, WHATEVER...**  
Almansa-Sanchez, Jaime (Incipit, CSIC)
- 8:40 DISCUSSION SLOT**
- 8:50 PUBLIC PARTICIPATION AND ARCHAEOLOGICAL TRAINING**  
Masriera-Esquerra, Clara - González-Marcén, Paloma (Universitat Autònoma de Barcelona)
- 9:00 PUBLIC PARTICIPATION IN THE MANAGEMENT AND CONSERVATION OF SIERRA NEVADA CULTURAL LANDSCAPE (SPAIN)**  
Delgado Anés, Lara (University of Granada)
- 9:10 PROTECTING HERITAGE: FOR THE PUBLIC OR FROM THE PUBLIC? THE GERMAN CASE**  
Moeller, Katharina (Bangor University)
- 9:20 PARTICIPATORY ARCHAEOLOGICAL RESEARCH IN CROATIA: BETWEEN LAWS AND PRACTICE**  
Rizner, Mia (Università di Padova, Dipartimento dei beni culturali)
- 9:40 PUBLIC PARTICIPATION IN AUSTRIA: PROMOTED, PERMITTED, OR PROHIBITED?**  
Karl, Raimund (School of History, Welsh History and Archaeology)
- 9:50 BETWEEN VALLETTA AND FARO: CHALLENGES IN PUBLIC PARTICIPATION TO ARCHAEOLOGY IN ITALY**  
Benetti, Francesca (University of Padua)
- 10:00 DISCUSSION SLOT**

## 275 HUMAN-MADE ENVIRONMENTS - THE DEVELOPMENT OF LANDSCAPES AS RESOURCE ASSEMBLAGES

**ROOM:** UB213

**TIME:** 8:30 - 17:30

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Bartelheim, Martin (Universität Tübingen) - García Sanjuán, Leonardo (Universidad de Sevilla) - Hardenberg, Roland (Universität Frankfurt) - Salanova, Laure (CNRS - Institut des Sciences humaines et sociales)

## ABSTRACTS

- 8:30 DWELLING IN AN INDIAN RAINFOREST: SLASH-AND-BURN CULTIVATION AS MODE OF LIVING**  
Hardenberg, Roland (Goethe University Frankfurt)



**8:45 LANDSCAPE SPHERES: NETWORKS, BOUNDARIES AND CONSTRAINTS**

Kempf, Michael (University Freiburg)

**9:00 UPLAND PLATEAUS. MOUNTAINOUS AGRICULTURAL LANDSCAPES AS ARKS OF NATURAL AND CULTURAL HERITAGE IN GREECE**

Simoni, Eleni (Department of Geology, University of Patras) - Papagiannopoulos, Konstantinos (Institute of Local history) - Tsiakiris, Rigas (Department of Forest Administration and Management, Forestry Service of Ioannina) - Stara, Kalliopi (Laboratory of Ecology, Department of Biological Applications and Technology, University of Ioannina)

**9:15 DISCUSSION SLOT****9:30 ABANDONED VILLAGES. AN ARCHAEOLOGICAL APPROACH TO STUDY THE SOCIAL AND LANDSCAPE TRANSFORMATIONS IN THE PYRENEES**

Jané, Oscar (Autonomous University of Barcelona) - Gascón, Carles (UNED) - Vergés, Oliver (Autonomous University of Barcelona) - Guàrdia, Carlos (University of Barcelona)

**9:45 NORMAN SICILY, A STUDY CASE OF HUMAN-MADE LANDSCAPE FOR RESOURCES ASSEMBLAGE**

Vaquero, Pablo - Martín Civantos, José María (University of Granada) - Corselli, Rocco (Arqueoandalusi. Arqueología y Patrimonio SL)

**10:00 DIVIDING AND ENCLOSING THE LAND: RESOURCE MANAGEMENT IN PREHISTORIC SHETLAND**

Christie, Claire (University of Aberdeen)

**10:15 DISCUSSION SLOT****11:00 THE CONSTRUCTION OF "CETINASCAPES" BETWEEN THE MEDITERRANEAN AND THE BALKANS AT THE END OF THE 3RD MILL. BC**

Gori, Maja (Ruhr University of Bochum)

**11:15 WATER LANDSCAPES IN ANTEQUERA (SPAIN): EXPLORING THE ROLE OF WATER RESOURCES IN SETTLEMENT PATTERNS, MONUMENTALITY AND CONNECTIVITY**

García Sanjuán, Leonardo (Departamento de Prehistoria y Arqueología) - Montero Artús, Raquel (University of Sevilla)

**11:30 DEFINING A LANDSCAPE - THE SOCIO-CULTURAL SIGNIFICANCE OF MAN-MADE AND NATURAL DEMARCATIONS IN AN EARLY IRON AGE LANDSCAPE**

Hansen, Astrid (De Kulturhistoriske Museer i Holstebro Kommune)

**11:45 DISCUSSION SLOT****12:00 TERRA SIGILLATA ITALICA PRODUCTION: SHAPING VASES AND LANDSCAPES**

La Rosa, Lorenza (University of Oslo)

**12:15 GROWING RITUAL: PREHISTORIC GARDENS AND IMBUED LANDSCAPES**

Carmody, Stephen (Troy University) - Hollenbach, Kandace (University of Tennessee)

**12:30 DISCUSSION SLOT****14:00 RECONSTRUCTING MOBILITY AND LANDUSE PATTERNS IN NEOLITHIC AND COPPER AGE APULIA**

Becker, Valeska - Filloramo, Roberto (Westfälische Wilhelms-Universität Münster)

**14:15 SPECIALISED ACTIVITIES AND FRACTIONALISATION OF LANDS DURING THE LATE 3RD MILLENNIUM BC IN FRANCE**

Salanova, Laure (CNRS)

**14:30 BURIAL ASSEMBLAGES VS RESOURCE ASSEMBLAGES: A LOOK INTO THE ECONOMIC BACKGROUND OF IBERIAN COPPER AGE MEGALITHIC GRAVES**

Bartelheim, Martin (Universität Tübingen) - García Sanjuán, Leonardo (Universidad de Sevilla)

**14:45 DISCUSSION SLOT****15:00 THE KNOWN UNKNOWN: BRONZE AGE SETTLEMENT AND LANDSCAPE USE IN SOUTHWESTERN SPAIN**

Bartelheim, Martin - Chala Aldana, Döbereiner - Díaz-Zorita Bonilla, Marta (Universität Tübingen)

**15:15 RESOURCE MANAGEMENT, LAND-USE AND SOCIETY: THE ICELANDIC BIRCH WOODLAND**

Erlendsson, Egill (University of Iceland) - Pétursdóttir, Lilja Bjargey (Post and Telecom Administration in Iceland) - Riddell, Scott John - Gísladóttir, Guðrún (University of Iceland)

**15:30 A MARITIME PALIMPSEST LANDSCAPE: HISTORIC EXPLOITATION OF SCOTLAND'S COASTAL RESOURCES**

Graham, Elinor - Dawson, Tom - Hambly, Joanna (University of St Andrews; The SCAPE Trust)

**15:45 DISCUSSION SLOT****16:30 SHELTER SHIPS IN THE LITUS IMPORTUOSUM: SANTA SEVERA, CIVITAS VETULA AND CORNETO**

Combescure, Sara (Université de Picardie; Centre de Recherche en Arts et Esthétique; UMR 8546 CNRS-ENS)

**16:45 DISCUSSION SLOT****POSTERS****a. PALEOPEDOLOGICAL RECORD OF HUMAN ACTIVITY AND LANDSCAPE TRANSFORMATIONS AT THE MALBORK-WIELBARK SITE (NORTHERN POLAND)**

Luczkiewicz, Piotr (Institute of Archaeology, Maria Curie-Skłodowska University, Lublin) - Jankowski, Michal - Sykula, Marcin (Nicolaus Copernicus University in Torun, Faculty of Earth Sciences, Dep. of Soil Science and Landscape) - Noryskiewicz, Agnieszka (Nicolaus Copernicus University in Torun, Department of Archaeology, Environment Reconstruction)

Laboratory) - Kleemann, Jörg (University of Szczecin, Institute of History and International Relationships)

**b. INTERDISCIPLINARY RESEARCH ON GOLD MINING AT AMALARA IN NORTHERN GREECE AND ITS EUROPEAN CONTEXT**

Jeneralek, Wojciech (Adam Mickiewicz University in Poznan)

## **325 INHUMATIONS AND CEMETERIES DURING THE NEOLITHIC: A COMPARATIVE APPROACH FROM CENTRAL TO THE SOUTH OF EUROPE**

**ROOM:** UB305

**TIME:** 8:30 - 16:00

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Bickle, Penny (University of York) - Gibaja Bao, Juan (Spanish Research Council - IMF-CSIC) - Eulàlia Subirà, Maria (Universitat Autònoma de Barcelona)

### **ABSTRACTS**

- 8:30 BETWEEN CENTRAL AND SOUTHERN EUROPE: AN ARCHAEOGENETIC INVESTIGATION OF THE FRENCH NEOLITHIC NECROPOLIS OF GURGY (PARIS BASIN, 5000-4000 BC)**  
Rivollat, Maité (MPI-SHH, Jena; PACEA - Université de Bordeaux) - Deguilloux, Marie-France (PACEA - Université de Bordeaux) - Haak, Wolfgang (MPI-SHH, Jena) - Pemonge, Marie-Hélène - Rottier, Stéphane (PACEA - Université de Bordeaux)
- 8:45 VARIED LIVES, SHARED DEATHS: DIVERSITY IN BURIAL PRACTICES AND BIOARCHAEOLOGICAL EVIDENCE FROM THE LINEARBANDKERAMIK (LBK)**  
Bickle, Penny (University of York) - Tvrđý, Zdeněk (Anthropos Institute, Moravian Museum) - Jarošová, Ivana (Freelancer; Anthropos Institute, Moravian Museum) - Richards, Michael (Simon Fraser University)
- 9:00 "SICKLE MAN" GRAVES IN LESSER POLAND AND THEIR ROLE IN BUILDING A NEW IDENTITY OF LOCAL SOCIETIES AFTER THE LBK**  
Czerniak, Lech - Wąs, Marcin (Institute of Archaeology and Ethnology, University of Gdansk)
- 9:15 UNUSUAL BURIAL FINDING FROM LATE NEOLITHIC SETTLEMENT AREA IN PRAGUE, CZECH REPUBLIC**  
Blažková, Tereza (Charles University, Faculty of Arts)
- 9:30 POWER AND PRESTIGE IN THE MIDDLE COPPER AGE SOCIETY NORTH OF THE CARPATHIANS**  
Wilk, Stanislaw (Jagiellonian University in Krakow, Institute of Archaeology)

- 9:45 INHUMATIONS OF A THOUSAND YEARS. THE NEOLITHIC BURIALS OF THE POLGÁR MICRO-REGION (NE HUNGARY) FROM THE PERSPECTIVE OF BIOSOCIAL ARCHAEOLOGY**  
Anders, Alexandra (Institute of Archaeological Sciences, Eötvös Loránd University, Budapest) - Nagy, Emese Gyöngyvér (Déri Museum, Debrecen)
- 10:00 NEW EXCAVATIONS IN OLD SITES. LATE NEOLITHIC NECROPOLIS FROM ICLOD, CLUJ COUNTY (ROMANIA)**  
Gligor, Mihai - Fetcu, Ana - Bogdan, Doru (1 Decembrie 1918 University of Alba Iulia)
- 10:15 DISCUSSION SLOT**
- 11:00 WHAT ABOUT THE CHILDREN? A CASE FROM THE LATE NEOLITHIC IN SE EUROPE VIEWED IN COMPARATIVE PERSPECTIVE**  
Kogalniceanu, Raluca (Institute of Archaeology, Bucharest) - Simalcsik, Angela (Centre of Anthropological Research, Iasi)
- 11:15 ANALYSING SOCIAL DISSYMETRIES AMONG SEPULCRES DE FOSSA'S INHUMATIONS**  
Gibaja, Juan (Institució Milà I Fontanals - IMF-CSIC) - Masclans, Alba (Fondation Fyssen Postdoctoral Fellow, UMR 8215) - Morell, Berta - Duboscq, Stephanie (Universitat Autònoma de Barcelona) - Martín, Araceli (Generalitat de Catalunya) - Subirà, Maria Eulàlia (Universitat Autònoma de Barcelona)
- 11:30 NEW DATA ON THE FUNERARY EPISODE OF THE MIDDLE NEOLITHIC I AT CAN SADURNÍ CAVE (BEGUES, BARCELONA)**  
Edo Benaiges, Manuel - Castellana, Concepció - Bardera, Remei - Martínez-Grau, Hector (CIPAG) - Saña, Maria (UAB) - Bergadà, Maria Mercé (SERP-UB) - Antolin, Ferran (IPÀS. U.BASEL) - Martinez Rodriguez, Pablo (CIPAG)
- 11:45 WAYS OF LIFE AND DEATH IN THE MIDDLE AND LATE NEOLITHIC COMMUNITIES OF THE NORTHEAST OF THE IBERIAN PENINSULA**  
Plasencia Figueroa, Xavier - González Marcén, Paloma (CEPAP-Universitat Autònoma de Barcelona)
- 12:00 DYING IN THE NEOLITHIC: AN ISOTOPIC AND PALAEOGENETIC ANALYSIS OF A LATE NEOLITHIC MASS GRAVE FROM BARCELONA**  
Fernandez, Eva - DiRenno, Frank (Durham University) - Robinson, Catherine (Liverpool John Moores University) - Towers, Jacqueline (University of Bradford) - Nowell, Geoff (Durham University) - Molist, Miquel (Universitat Autònoma de Barcelona) - Montgomery, Janet (Durham University)
- 12:15 THE DOLMEN OF “EL PENDÓN” (REINOSO, BURGOS): DEVELOPMENT AND METHODOLOGY OF A RESEARCH PROJECT**  
Tejedor Rodriguez, Cristina (INCIPIIT, CSIC) - Arcusa-Magallón, Héctor (Professional Archaeologist) - Palomino-Lázaro, Ángel (Professional Archaeologist/Proyectos y Propuestas Culturales) - García-Martínez de Lagrán, Íñigo (Department of Prehistory and Archaeology, University of Valladolid) - Negro-García, María (Professional Archaeologist/Proyectos y

Propuestas Culturales) - Rojo-Guerra, Manuel (Department of Prehistory and Archaeology, University of Valladolid)

**12:30 “BURY ME ON THE MOUNTAIN AND DO NOT HEAP THE GRAVE” ... THE ROCKY OUTCROP BURIAL OF PEÑACALERA (OBEJO, ANDALUSIA)**

Martínez Sánchez, Rafael (University of Granada) - Bretones García, María Dolores (University of Cordoba) - Vera Rodríguez, Juan Carlos - Martínez Fernández, María José (University of Huelva) - López Flores, Inmaculada (Independent Researcher) - Maroto Benavides, Rosa (University of Granada) - Bermúdez Cano, Rafael (University of Jaén) - Lara Mengual, Gloria M. (University of Cordoba) - Aljama Martínez, Abén (Independent Researcher)

**12:45 DISCUSSION SLOT**

**14:00 FUNERAL PRACTICES IN LA BELEÑA (CABRA, CORDOVA), A NECROPOLIS OF THE 4TH AND TRANSIT TO THE 3TH MILLENNIUM CAL BC**

Massieu, María Dolores (La Laguna University) - Santana-Cabrera, Jonathan (Durham University) - Rodríguez-Santos, Francisco Javier (Instituto Internacional de Investigaciones Prehistóricas de Cantabria. Universidad de Cantabria, Gobierno de Cantabria, Santander) - Martín-Socas, Dimas - Caballero-Crespo, Amparo (La Laguna University)

**14:15 ANTHROPOLOGICAL AND BIOCHEMICAL ANALYSIS FROM THE NEOLITHIC NECROPOLIS OF CAMPO DE HOCKEY (SAN FERNANDO, CÁDIZ, SPAIN)**

Vijande, Eduardo (University of Cadiz) - Díaz-Zorita, Marta (Institut für Ur-und Frühgeschichte und Archäologie des Mittelalters, Tübingen Universität) - Sánchez-Barba, Lydia (Laboratorio de Antropología. Facultad de Medicina, Universidad de Granada) - Bocherens, Hervé (Institut für Geowissenschaften, Tübingen Universität; Senckenberg Center for Human Evolution and Palaeoenvironment, Tübingen) - Emslie, Steven (University of North Carolina. Department of Biology and Marine Biology) - Escudero-Carrillo, Javier (Institut für Ur-und Frühgeschichte und Archäologie des Mittelalters, Tübingen Universität)

**14:30 EXPLORING THE DIVERSITY OF SOUTHERN PORTUGAL HYPOGEA: FUNERARY PRACTICES OF MONTE CANELAS I AND MONTE DO CARRASCAL 2 COLLECTIVE GRAVES**

Neves, Maria João (CIAS - Research Centre for Anthropology) - Silva, Ana Maria (CIAS - Centro de Investigação em Antropologia e Saúde - Universidade de Coimbra; Uniarq - Universidade de Lisboa)

**14:45 DISCUSSION SLOT**

**POSTERS**

**a. THE MEGALITHIC MONUMENT OF LAS ARNILLAS (BURGOS, SPAIN): A BIOARCHAEOLOGICAL APPROACH**

Santa Cruz, Angélica (Universidad de Valladolid)

- b. A LOOK FROM THE BALKANS: THE ENEOLITHIC CEMETERY FROM SULTANA-MALU ROȘU (ROMANIA)**  
Lazar-Radus, Catalin Alexandru (Department of Ancient History, Archaeology and Art History, Faculty of History, University of Bucharest; “Vasile Pârvan” Institute of Archaeology, Romanian Academy) - Balasescu, Adrian (“Vasile Pârvan” Institute of Archaeology, Romanian Academy)
- c. FEATURES WITH HUMAN BONES FROM ȘOIMUȘ-LA AVICOLA (FERMA 2), HUNEDOARA COUNTY**  
Stefan, Cristian-Eduard (“Vasile Pârvan” Institute of Archaeology, Romanian Academy)

## 377 URBANIZATION IN IBERIA AND MEDITERRANEAN GAUL IN THE FIRST MILLENNIUM BC

**ROOM:** UB302

**TIME:** 8:30 - 12:30

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Sanmartí, Joan (University of Barcelona; Institut d'Estudis Catalans) - Plana, Rosa (Université Paul Valéry Montpellier 3) - Belarte, Carme (Catalan Institution for Research and Advanced Studies - ICREA; Catalan Institute of Classical Archaeology - ICAC) - Noguera, Jaume (University of Barcelona)

### ABSTRACTS

- 8:30 DID PROTOHISTORIC CITIES EXIST IN IBERIA AND MEDITERRANEAN GAUL? SOME REFLECTIONS ON THE NOTION OF CITY**  
Sanmartí, Joan - Madrid, Marisol (University of Barcelona)
- 8:45 LOWER WESTERN PROVENCE DURING THE IRON AGE : A LABORATORY OF THE PROTO-URBANIZATION OF SOUTHERN GAUL**  
Nuria, Nin (Ville d'aix-en-Provence) - Jean, Chausserie-Laprée (Ville de Martigues)
- 9:00 NEW OBSERVATIONS ON THE DEVELOPMENT OF THE CITY OF ENSÉRUNE**  
Boissinot, Philippe (Ecole des Hautes Etudes en Sciences Sociales; laboratoire TRACES UMR 5608 du CNRS, Toulouse) - Izac, Lionel (Monuments Nationaux; laboratoire TRACES UMR 5608 du CNRS, Toulouse)
- 9:15 URBANIZATION, A PARTICULAR CASE STUDY IN TOLOSA, SOUTH-WEST FRANCE (2ND-1ST CENTURIES BCE)**  
Eymard, Sandra (University of Toulouse Jean Jaurès)

**9:30 CHARACTERIZATION OF URBAN SETTLEMENTS ON THE COAST OF NORTHERN IBERIA (6TH-3RD CENTURY BC)**

Sanmartí, Joan (University of Barcelona; Institut d'Estudis Catalans, International Academic Union) - Belarte, Maria Carme (Institut Català d'Arqueologia Clàssica; ICREA) - Noguera, Jaume (University of Barcelona)

**9:45 COMPLEX FORTIFICATIONS IN THE URBAN NUCLEI OF THE CATALAN COAST DURING THE IBERIAN PERIOD (6TH-3RD CENTURY BC): CAUSES AND CORRELATIONS**

Cuscó Badia, Oriol (Institut Català d'Arqueologia Clàssica)

**10:00 THE IBERIAN TOWN OF ULLASTRET: URBANISATION AND URBAN PHYSIOGNOMY**

Plana, Rosa (Université Paul Valéry Montpellier) - Codina, Ferran - Prado, Gabriel (Museu d'Arqueologia de Catalunya - Ullastret)

**10:15 DISCUSSION SLOT**

**11:00 EL MOLÍ D'ESPÍGOL, A CAPITAL CITY FOR THE ILERGETES?**

Principat, Jordi (Archaeological Museum of Catalonia)

**11:15 SETTLEMENT AND POLITICAL ORGANISATION OF THE IBERIAN COMMUNITIES OF CENTRAL AND WESTERN CATALONIA AND LOWER ARAGON**

Asensio, David (Universitat de Barcelona) - Cardona, Ramon - Garcia, Cristina (Centre d'Estudis Lacetans) - Jornet, Rafel (Universitat de Barcelona) - Morer, Jordi - Pou, Josep (Centre d'Estudis Lacetans)

**11:30 HELLENISTIC INFLUENCES IN THE PROCESS OF THE URBANISATION OF THE CELTIBERIAN CITY OF SEGEDA**

Burillo-Mozota, Francisco - Fernández-García, Gloria - Burillo-Cuadrado, M<sup>a</sup> Pilar (Universidad de Zaragoza)

**11:45 DISCUSSION SLOT**

**POSTERS**

**a. REMOTE-SENSING TOOLS TO DETECT ARCHITECTURAL FEATURES IN URBAN SITES IN THE COAST OF NORTHERN IBERIA (6TH - 3RD CENTURIES BC)**

Belarte, Maria Carme (ICREA - Catalan Institution of Research and Advanced Studies; ICAC - Catalan Institute of Classical Archaeology) - Canela, Joan (ICAC - Catalan Institute of Classical Archaeology)

**b. THE PROTOHISTORIC SITE OF LA CELLA (SALOU, TARRAGONÈS, TARRAGONA). A MIXED ETHNIC COMMUNITY OF MEDITERRANEAN ORIGIN**

Serret, Ivan - Diloli Fons, Jordi (Universitat Rovira i Virgili) - Vilà Llorach, Jordi - Bricio Segura, Laura (Grup de Recerca Seminari de Protohistòria i Arqueologia - GRESEPIA)

## 384 THE SELF-ORGANIZATION OF ARCHAEOLOGISTS IN EUROPE: ROLES AND NEEDS, RESPONSIBILITIES AND LEGITIMACY

ROOM: UB202

TIME: 8:30 - 13:00

THEME: Archaeology and the European Year of Cultural Heritage

FORMAT: Other - combination of discussion session and workshop

ORGANISERS: Scherzler, Diane (Deutsche Gesellschaft für Ur- und Frühgeschichte - DGUF) - Siegmund, Frank (University of Münster) - Belford, Paul (Chartered Institute for Archaeologists - Cifa; Clwyd-Powys Archaeological Trust)



### ABSTRACTS

#### 8:30 INTRODUCTION TO THE SESSION

Scherzler, Diane (Deutsche Gesellschaft für Ur- und Frühgeschichte e. V.) - Siegmund, Frank (University of Münster)

#### 8:40 WHAT ROLE CAN WORLD ARCHAEOLOGICAL ORGANIZATIONS PLAY IN THE CONDITION OF GLOBALIZATION AND FRAGMENTATION

Mizoguchi, Koji (Kyushu University)

#### 8:50 CRASH COURSE: FIVE STEPS TO UNDERSTANDING EUROPE. WHAT CAN THE ARCHAEOLOGICAL COMMUNITY DO TO BE MORE INFLUENTIAL?

de Wit, Leonard (Europe)

#### 9:00 LISTEN TO ME: LOBBYING FOR ARCHAEOLOGY

Aitchison, Kenneth (Landward Research Ltd)

#### 9:10 DISCUSSION SLOT

#### 9:20 CAN CULTURAL HERITAGE WORKERS AND PROFESSIONALS OCCUPY THE MIDDLE OF POLITICAL AND SOCIAL DEBATE? THE "MI RICONOSCI" EXPERIENCE IN ITALY

Bison, Leonardo (University of Bristol) - Tomei, Francesca (Independent researcher) - Massimo, Martina (University of Durham) - Utzeri, Flavio Domiziano (Alma Mater Studiorum - Università di Bologna) - Lunardon, Ester (Independent researcher)

#### 9:30 SCOTLAND'S ARCHAEOLOGY STRATEGY: REFLECTING ON OUR PROGRESS SO FAR

Owen, Kirsty - Jones, Rebecca (Historic Environment Scotland)

#### 9:40 DISCUSSION SLOT

#### 9:50 THE REGISTER OF PROFESSIONAL ARCHAEOLOGISTS AND ARCHAEOLOGICAL SOCIETIES IN THE UNITED STATES: PARTNERS IN ADVANCING PROFESSIONALISM AND PROTECTING ARCHAEOLOGICAL HERITAGE

Altschul, Jeff - Klein, Terry (SRI Foundation)

#### 10:00 CIFA STANDARDS AND GUIDANCE: FIT FOR PURPOSE IN A CHANGING WORLD?

Geary, Kate (Chartered Institute for Archaeologists)



**10:10 REDEFINING ROLES – SHARING RESPONSIBILITY: THE EAA IN THE EUROPEAN HERITAGE ALLIANCE 3.3**

Hueglin, Sophie (European Association of Archaeologists; Newcastle University; Foundation Pro Monastery St John, Muestair) - Potrebica, Hrvoje (Institute for Archaeology, Zagreb)

**10:20 DISCUSSION SLOT****11:00 PROFESSIONAL ASSOCIATIONS AND INTERNATIONAL COOPERATION: THE BIRTH OF CIFA DEUTSCHLAND**

Hinton, Peter (Chartered Institute for Archaeologists) - Schauer, Michaela (Cifa Deutschland)

**11:10 PROFESSIONAL ASSOCIATIONISM IN ARCHAEOLOGY. BETWEEN SPECIALIZATION AND COLLECTIVE COHESION**

Pastor Batalla, Isidre (Associació d'Arqueòlegs de Catalunya)

**11:20 PROFESSIONALISATION IN A TIME OF UNCERTAIN ECONOMIES AND POLITICS: THE EAA'S COMMITTEE ON PROFESSIONAL ASSOCIATIONS IN ARCHAEOLOGY**

Wait, Gerald (Triskelion Heritage)

**11:30 GENERAL DEBATE ABOUT THE SELF-ORGANIZATION OF ARCHAEOLOGISTS IN EUROPE**

Siegmund, Frank (WWU Münster; DGUF) - Belford, Paul (Cifa) - Scherzler, Diane (DGUF)

**407 ARCHAEOLOGICAL BIOMOLECULES FROM MUSEUM SPECIMENS: STRIKING A BALANCE BETWEEN CURATION AND DESTRUCTIVE SAMPLING**

ROOM: UB409

TIME: 8:30 - 12:00

THEME: Museums and the challenges of archaeological outreach in the 21st century

FORMAT: Regular session

ORGANISERS: Wales, Nathan (University of California, Berkeley) - Smith, Oliver (University of Copenhagen)

**ABSTRACTS****8:30 ANCIENT DNA, RNA, AND PROTEINS... OH MY! AN OVERVIEW OF STATE-OF-THE-ART ANALYSES OF ARCHAEOLOGICAL BIOMOLECULES**

Wales, Nathan (AMIS Laboratory, Paul Sabatier University, Toulouse; Dept. of Plant & Microbial Biology, University of California, Berkeley)

**8:45 BONE RUSHES: A VIEW FROM MULTIPLE PERSPECTIVES**

Peyroteo Stjerna, Rita (Dep Organismal Biology, Human Evolution, Uppsala University; UNIARQ, Centro de Arqueologia da Universidade de Lisboa)

- 9:00 ANCIENT DNA FROM MUSEUM ARCHAEOBOTANICALS: PERSPECTIVES ON UTILITY, AVAILABILITY, AND THE WORTHINESS OF DESTRUCTIVE SAMPLING**  
Smith, Oliver (University of Copenhagen)
- 9:15 DNA FROM THE WINE DARK SEA: SEARCHING FOR ANCIENT DNA ON MEDITERRANEAN SHIPWRECKS**  
Briggs, Elizabeth (University of Oxford)
- 9:30 CAN GENETIC ANALYSIS OF MUSEUM SPECIMENS BE USED FOR PALAEOPARASITOLOGY?**  
Ryan, Hannah - Dimopoulos, Evangelos-Antonios (University of Oxford)
- 9:45 WHICH IS THE SPECIES? PALEOPROTEOMICS APPLIED TO PAINTED ARTIFACTS FROM ANCIENT EGYPT**  
Granzotto, Clara - Cappellini, Enrico (Natural History Museum of Denmark; University of Copenhagen)
- 10:00 DISCUSSION SLOT**
- 11:00 DISCUSSION SLOT**

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## 420 SENSITIVITY AND RESILIENCE OF HUMAN COMMUNITIES TO COASTAL ENVIRONMENTAL CHANGES DURING THE EARLY TO MID-HOLOCENE

**ROOM:** UB302

**TIME:** 14:00 - 18:00

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Regular session

**ORGANISERS:** Brisset, Elodie (Institut Català de Paleoecologia Humana i Evolució Social - IPHES; Àrea de Prehistòria, Universitat Rovira i Virgili - URV) - Dupont, Catherine (CNRS UMR 6566 CReAAH, Université de Rennes 1) - Burjachs, Francesc (Institut Català de Paleoecologia Humana i Evolució Social - IPHES; Àrea de Prehistòria, Universitat Rovira i Virgili - URV; ICREA)

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### ABSTRACTS

- 14:00 LONG-TERM CONSUMPTION OF MARINE RESOURCES DURING THE FINAL PLISTOCENE-EARLY HOLOCENE IN COVA FORADADA (XÀBIA, MARINA ALTA): CHANGES AND RECURRENCES**  
Verdún-Castelló, Ester (Aix-Marseille Université) - Casabó i Bernad, Josep (Conselleria d'Educació, Investigació, Cultura i Esport. Direcció Territorial de Castelló)

**14:15 RECONSTRUCTION AND IMPACT OF SEASCAPE EVOLUTION ON HUMAN COMMUNITIES DURING THE MESOLITHIC-NEOLITHIC TRANSITION IN THE MEDITERRANEAN IBERIA**

Brisset, Elodie - Fernández-López de Pablo, Javier - Burjachs, Francesc (Institut Català de Paleoecologia Humana i Evolució Social - IPHES; Àrea de Prehistòria, Universitat Rovira i Virgili - URV)

**14:30 AS A LIMPET ON ITS ROCK! INSULAR MESOLITHIC AND NEOLITHIC POPULATIONS ALONG THE FRENCH ATLANTIC FAÇADE**

Dupont, Catherine (CNRS; Rennes University)

**14:45 DISCUSSION SLOT**

**15:00 A MATTER OF PERSPECTIVE RESPONSES TO LANDSCAPE CHANGES IN THE OSLO FJORD AREA DURING THE MESOLITHIC**

Mjaerum, Axel (Museum of Cultural History, University of Oslo)

**15:15 FROM COAST TO HINTERLAND IN THE EASTERN NORWEGIAN MESOLITHIC: SPATIO-TEMPORAL ASPECTS OF THE LAND-UPLIFT AND THEIR IMPACT ON HUNTER-GATHERER COMMUNITIES**

Schülke, Almut (Museum of Cultural History, University of Oslo)

**15:30 RAW MATERIALS, BROAD BLADES AND BEACHES: THE ARCHAEOLOGY OF THE EARLY HUMAN OCCUPATION OF SCOTLAND'S NORTH-WEST COAST**

Hardy, Karen (ICREA; Universitat Autònoma de Barcelona)

**15:45 DISCUSSION SLOT**

**16:30 SOCIOECOLOGY AND CLIMATE EVENTS DURING THE HOLOCENE IN THE EAST OF IBERIAN PENINSULA**

Burjachs, Francesc (ICREA - Institució Catalana de Recerca i Estudis Avançats; IPHES - Institut Català de Paleoecologia Humana i Evolució Social; URV - Universitat Rovira i Virgili) - Mesquita-Joanes, Francesc - Marco-Barba, Javier (ICBIBE - Cavanilles Institute of Biodiversity and Evolutionary Biology, University of Valencia) - Reed, Jane M. (Dep. Geography and Geology, School of Environmental Sciences, University of Hull) - Santisteban, Carlos - Usera, Juan - Guillem, Jordi - Alberola, Carmen (Dep. of Botany and Geology, University of Valencia) - Expósito-Barea, Isabel (IPHES - Institut Català de Paleoecologia Humana i Evolució Social; URV - Universitat Rovira i Virgili) - Patchett, Frances (Dep. Geography and Geology, School of Environmental Sciences, University of Hull)

**16:45 HUMAN BEHAVIOURS AND CLIMATE EVENTS: HOW CONFIDENT ARE WE ABOUT THE EFFECT OF EVENT 8.2KA OVER HUMAN BEHAVIOURS?**

Araújo, Ana Cristina (Archaeosciences Laboratory - LARC - of the Directorate General for Cultural Heritage - DGPC; Research Centre for Biodiversity and Genetic Resources - CIBIO/InBIO; Centro de Arqueologia da Universidade de Lisboa - UNIARQ) - Costa, Ana Maria (Archaeosciences Laboratory - LARC - of the Directorate General for Cultural Heritage - DGPC; Research Centre for Biodiversity and Genetic Resources - CIBIO/InBIO; Instituto Dom

Luiz - IDL, Lisbon University; IIIPC, Cantabria University) - Costas, Susana (Centre for Marine and Environmental Research - CIMA, University of Algarve) - Naughton, Filipa (Portuguese Institute for Sea and Atmosphere - IPMA; Centre of Marine Sciences - CCMAR)

**17:00 REGIONAL CLIMATIC AND SOCIAL TRANSFORMATIONS DURING THE 4.2 KA BP EVENT IN THE SOUTHERN IBERIAN PENINSULA**

Weinelt, Mara (Graduate School Human Development in Landscapes CAU Kiel) - Schirrmacher, Julien (Institut für Geowissenschaften CAU Kiel) - Kneisel, Jutta - Hinz, Martin (Institut für Ur- und Frühgeschichte CAU Kiel)

**17:15 DISCUSSION SLOT**

**POSTERS**

**a. BETWEEN THE WINTER STORM SURGES - MESOLITHIC HABITATION ON A GROWING BEACH RIDGE AT THE ISLAND OF FLEMSØYA, WESTERN NORWAY**

Tøssebro, Christine (University Museum of Bergen) - Bondevik, Stein (Western Norway University of Applied Sciences) - Klungseth Lødøen, Trond - Årskog, Hanne (University Museum of Bergen)

**431 ELITE CULTURE IN MEDIEVAL AND POST-MEDIEVAL ARCHAEOLOGY**

**ROOM:** MAC LIBRARY

**TIME:** 8:30 - 15:00

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Atzbach, Rainer (Aarhus University) - Biermann, Felix (University of Greifswald)



**ABSTRACTS**

**8:30 INTRODUCTION: ELITE CULTURE IN ARCHAEOLOGY - CONCEPTS AND CONTEXTS**

Atzbach, Rainer (School for Culture and Society, Aarhus University)

**8:45 SOCIAL IDENTITY AND CONSUMPTION FROM URBAN MEDIEVAL AND POST-MEDIEVAL DENMARK**

Haase, Kirstine (Centre for Urban Network Evolutions; Aarhus University; Odense City Museums) - Whatley, Stuart (Museum of Copenhagen)

**9:00 PROBI HOMINES: IDENTITIES, BODIES AND THE MATERIAL WORLD OF MEDIEVAL MERCHANTS**

King, Chris (University of Nottingham)

- 9:15 ON THE INTERPRETATION OF ARCHAEOLOGICAL FINDS FROM THE EQUIPMENT OF ARISTOCRATIC HOUSEHOLDS IN EARLY MODERN PRAGUE**  
Blazkova, Gabriela (Institute of Archaeology of the Czech Academy of Sciences, Prague)
- 9:30 SHAPED BY THE ELITES OR THE COMMUNAL WILL? THE FORMATION OF SOUTH-WESTERN BALTIC-TOWNS AS AN EXPRESSION OF POWER STRUCTURE NEGOTIATION**  
Radohs, Luisa (Aarhus University)
- 9:45 THE POPES, THE COUNTS AND THE MEDIEVAL URBAN BOOM IN TUSCULUM (LAZIO, ITALY)**  
Diarte-Blasco, Pilar (Universidad de Alcalá) - Beolchini, Valeria (Escuela Española de Historia y Arqueología de Roma CSIC)
- 10:00 CLOTHING THE ELITE: EXPLORING PRIESTLY AND OTHER ELITE BURIALS IN 14TH-18TH-CENTURY FINLAND**  
Lipkin, Sanna (University of Oulu) - Ruhl, Erika (SUNY at Buffalo) - Väre, Tiina (University of Oulu)
- 10:15 DISCUSSION SLOT**
- 11:00 TEXTILE BROTHERHOOD SCAPULARS FROM ARCHAEOLOGICAL RESEARCH - FINDS IN ELITES GRAVES**  
Nowak, Marcin (Instytut Archeologii UMK w Toruniu)
- 11:15 SILK OR LINEN LACE FROM ARCHAEOLOGICAL RESEARCH IN POLAND**  
Grupa, Malgorzata (Nicolaus Copernicus University, Department of Archaeology)
- 11:30 ELITE SOCIETY IN BURIAL TRADITIONS OF RUS' IN THE 15TH-17TH CENTURY**  
Engovatova, Asya - Vasileva, Elena (Institute of Archaeology Russian Academy of Sciences)
- 11:45 ELITE COFFINS FROM 17-18TH CENTURY IN NORTHERN AND EASTERN POLAND**  
Majorek, Magdalena (Institute of Archaeology, NCU in Toruń)
- 12:00 TOURNAMENTS - IMAGE(S) OF A GERMAN ELITE IN THE 14TH-16TH CENTURIES**  
Brenker, Fabian (University of Innsbruck)
- 12:15 RURAL SOCIAL GROUPS AND THEIR EMBLEMATIC MATERIAL CULTURE - ARCHAEOLOGICAL PERSPECTIVES ON LATE-MEDIEVAL NORTHERN GERMANY**  
Biermann, Felix (Greifswald University)
- 12:30 ACADEMIC ELITES AND EARLY ARCHAEOLOGY - THE CASE OF KILLIAN STOBÆUS (1690-1742)**  
Naum, Magdalena (Aarhus University)
- 12:45 DISCUSSION SLOT**
- 14:00 DISCUSSION SLOT**

## POSTERS

- a. **POOR NOBILITY OR RICH PEASANTRY? A BURIAL OF A CHILD FROM THE CHURCH OF THE HOLY TRINITY IN BYSZEWO (POLAND)**  
Nowak, Sebastian (Nicolaus Copernicus University in Torun)
- b. **DO ELITES RIDE THE SOCIETY? QUESTIONS ASKED BY THE RECONSTRUCTION OF THE 15TH C. SADDLE OF SENONCHES (FRANCE)**  
Borderie, Quentin - Fencke, Emilie (Departement Eure-et-Loir) - Dumont, Adeline (Les renes de l'histoire)

## 432 FROM DATA DESCRIPTION TO HISTORICAL EXPLANATION IN ARCHAEOLOGICAL SPATIAL ANALYSIS: INTEGRATING GEOSTATISTICAL METHODOLOGY AND SOCIAL THEORETICAL MODELS

**ROOM:** UB408

**TIME:** 8:30 - 13:00

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Regular session

**ORGANISERS:** Morera Noguera, Núria (Laboratori d'Arqueologia Quantitativa - LAQU, Universitat Autònoma de Barcelona) - Achino, Katia Francesca (Institute of Archaeology ZRC SAZU; Laboratori d'Arqueologia Quantitativa - LAQU, Universitat Autònoma de Barcelona) - García-Piquer, Albert (Arqueologia de la Gestió i dels Recursos Socials i Territorials - AGREST; Departament de Prehistòria, Universitat Autònoma de Barcelona)

## ABSTRACTS

- 8:30 FROM NUMBERS TO PEOPLE: QUANTITATIVE NARRATIVES TO UNDERSTAND TRYPILLIA MEGA-SITES OF CHALCOLITHIC UKRAINE**  
Nebbia, Marco (Durham University) - Gaydarska, Bisserka (Independent Researcher) - Chapman, John (Durham University)
- 8:45 IRON AGE AND ROMAN LANDSCAPE ANALYSIS THROUGH GEOSPATIAL TOOLS. A MACRO SPATIAL STUDY OF CITÂNIA DE SANFINS (PORTUGAL)**  
Botica, Natalia - Maciel, Sílvia (University of Minho) - Blanco-Rotea, Rebeca (University of Santiago de Compostela; University of Minho)
- 9:00 MODELLING LONG-TERM HUMAN OCCUPATION IN THE CENTRAL PYRENEES. INSIGHTS INTO THE HISTORY OF A HIGH-ALTITUDE LANDSCAPE**  
Gassiot Ballbè, Ermengol - Garcia casas, David - Salvador Baiges, Guillem - Nunes Alonso, Joan - Rodríguez Antón, David - Obea Gómez, Laura (Universitat Autònoma de Barcelona) - Mazzucco, Niccolò (Université Paris Ouest Nanterre) - Quesada Carrasco, Manuel (Universitat Autònoma de Barcelona) - Clemente Conte, Ignacio (Consejo Superior de Investigaciones Científicas - CSIC) - Díaz Bonilla, Sara (Universitat Autònoma de Barcelona)

- 9:15 NEW INSIGHTS ON A LOCATION THEORY FOR RURAL SETTLEMENT**  
Negre, Joan (LAQu - UAB)
- 9:30 GEOMEASURE: GIS AND SCRIPTING FOR MEASURING VARIABILITY**  
Cortell-Nicolau, Alfredo (PREMEDOC Research Group, Departament de Prehistòria, Arqueologia i Història Antiga, Universitat de València)
- 9:45 EARLY MESOLITHIC SITES - INTERPRETATIONAL POSSIBILITIES IN DISTRIBUTION OF TOOLS AND RAW MATERIALS**  
Neroy, Arne Johan (Museum of archaeology, University of Stavanger)
- 10:00 DISCUSSION SLOT**
- 11:00 ASSESSING SPATIAL ORGANISATION AND REFUSE MANAGEMENT PATTERNS OF AN EARLY NEOLITHIC SETTLEMENT THROUGH LITHIC DEBITAGE AND TOOLS DISTRIBUTION**  
Ehlert, Maciej (Archeolodzy.org) - Cendrowska, Marzena (Archeolodzy.org; PhD programme in Cultural Studies, Faculty of Historical and Pedagogical Sciences, University of Wrocław) - Mackiewicz, Maksym (Archeolodzy.org) - Furmanek, Mirosław (Institute of Archaeology, University of Wrocław)
- 11:15 SPATIAL INFERENCES AND SOCIAL EXPLANATION AT A NEOLITHIC SITE**  
Morera Noguera, Núria - Barceló, Juan Antonio (Departament de Prehistòria, Universitat Autònoma de Barcelona) - Palomo, Antoni (Museu d'Arqueologia de Catalunya) - Piqué, Raquel (Departament de Prehistòria, Universitat Autònoma de Barcelona)
- 11:30 VALIDATING THE ROLE OF POST-DEPOSITIONAL PROCESSES BY INTRA-SITE SPATIAL ANALYSIS: SLOVENIAN PILE-DWELLING CASE STUDY**  
Achino, Katia Francesca (Institute of Archaeology ZRC SAZU, Ljubljana; Quantitative Archaeology Lab - LAQU, Department of Prehistory, Autonomous University of Barcelona) - Toškan, Borut - Velušček, Anton (Institute of Archaeology ZRC SAZU, Ljubljana)
- 11:45 PLEASE DON'T STEP ON THE SITE! INVESTIGATING THE EFFECT OF TRAMPLING ON ARCHAEOLOGICAL ASSEMBLAGES, USING SPATIAL STATISTICS AND ETHNOARCHAEOLOGICAL INFERENCES**  
Carrer, Francesco (Newcastle University)
- 12:00 RECONSTRUCTING ORGANIZATIONAL STRATEGIES AND SOCIAL USE OF SPACE IN TWO ETHNO-ARCHAEOLOGICAL YAMANA SHELL MIDDENS OF TIERRA DEL FUEGO, ARGENTINA**  
García-Piquer, Albert - Solà, Judit - Estévez, Jordi (Laboratory of Archaeozoology; Autonomous University of Barcelona)
- 12:15 THE DOMESTIC ROUTES OF A HOUSEHOLD**  
Yalman, Emine Nurcan (Nişantaşı University Dept of History, Istanbul)
- 12:30 DISCUSSION SLOT**

## 452 THE INTERSECTIONS OF MEMORY AND ROCK ART: TOWARDS A MULTIDISCIPLINARY APPROACH

ROOM: UB304

TIME: 16:30 - 18:30

THEME: The archaeology of material culture, bodies and landscapes

FORMAT: Regular session

ORGANISERS: Zubieta Calvert, Leslie (Universitat de Barcelona; Rock Art Research Institute, School of Geography, Archaeology and Environmental Studies, University of the Witwatersrand; School of Social Sciences, Archaeology and Centre for Rock Art Research + Management, The University of Western Australia) - Cretin, Catherine (Musée National de Préhistoire, Ministère de la Culture; UMR 5199 - PACEA, CNRS, Université de Bordeaux) - Bacelar Alves, Lara (Centre of studies in Archaeology, Arts and Heritage Science - CEAACP, University of Coimbra)

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### ABSTRACTS

- 16:30 CREATION PROCESSES BEHIND ROCK ART: THE ROLE OF MEMORIZATION IN PASSING ON CULTURAL KNOWLEDGE**  
Zubieta Calvert, Leslie (Universitat de Barcelona; CRAR+M, UWA; GAES, RARI, Wits)
- 16:45 MEANINGFUL LANDSCAPES, MEMORIES IN STONE**  
Valdez-Tullett, Joana (Historic Environment Scotland; University of Southampton)
- 17:00 GEOGRAPHIES OF THE INVISIBLE. ROCK ART, MEMORY AND ANCESTRAL TOPOLOGIES IN WESTERN IBERIA**  
Alves, Lara (CEAACP / University of Coimbra)
- 17:15 KIMBERLEY VISIONS OF SNAKES, WANJINA AND QUARTZ CRYSTAL: ROCK ART, ETHNOGRAPHY AND MATERIAL CULTURE IN THE EAST KIMBERLEY, AUSTRALIA**  
Harper, Samantha (Centre for Rock Art Research + Management; University of Western Australia)
- 17:30 IN THE FOOTSTEPS OF THE ANCESTORS: ASPECTS OF MEMORY IN N. W. AUSTRALIA ROCK ART**  
Rainsbury, Michael (Ustinov College, Durham University)
- 17:45 RIVER, ROCK, AND 'THE RAIN'S MAGIC POWER': ON THE SIGNIFICANCE OF ROCK ART RE-MEMBERED IN THE NORTHERN CAPE, SOUTH AFRICA**  
Morris, David (McGregor Museum; Sol Plaatje University, Kimberley)
- 18:00 DISCUSSION SLOT**



## 464 DIVERGENT LIFEWAYS: TRACING SOCIO-CULTURAL AND ECONOMIC VARIABILITY WITHIN THE MEDITERRANEAN AND BALKAN NEOLITHIC

ROOM: UB219

TIME: 8:30 - 13:00

THEME: The archaeology of material culture, bodies and landscapes

FORMAT: Regular session

ORGANISERS: Kloukinas, Dimitris (Ephorate of Antiquities of Kozani, Ministry of Culture, Greece) - Voskos, Ioannis (National and Kapodistrian University of Athens) - Andreassen, Niels (Copenhagen Museum)

### ABSTRACTS

- 8:30 FROM WHENCE WE CAME: THE CYPRIOT ROUND HOUSE PHENOMENON AND ITS LONG-TERM RELATIONSHIP WITH THE NORTHERN LEVANT**  
Clarke, Joanne (Dept of Art History and World Art Studies) - Wasse, Alexander (University of East Anglia)
- 8:45 FOOD-PRODUCTION VERSUS FOOD-GATHERING: ECONOMIC FLEXIBILITY AS A DIACHRONIC STRATEGY TO SURVIVAL IN NEOLITHIC/CHALCOLITHIC CYPRUS**  
Voskos, Ioannis (National and Kapodistrian University of Athens)
- 9:00 UNDERGROUND 'DWELLING' IN LATE-5TH AND EARLY-4TH MILLENNIA BC, CYPRUS**  
Clarke, Joanne (Dept of Art History and World Art Studies)
- 9:15 THE PIT-DWELLING CONUNDRUM IN NEOLITHIC GREECE: ALTERNATIVE LIFEWAYS OR JUST ALTERNATIVE HOUSE FORMS?**  
Kloukinas, Dimitris (Ephorate of Antiquities of Fthiotida & Evrytania)
- 9:30 THE UNKNOWN CHALCOLITHIC ERA IN NORTHERN GREECE: A CASE-STUDY FROM METHONI, CENTRAL MACEDONIA**  
Tsilogianni, Panagiota - Papadopoulou, Stella - Veropoulidou, Rena - Orova, Niki - Kazantzis, George (Ephorie of Antiquities- Pieria)
- 9:45 EARLY NEOLITHIC OVENS FROM THE SITE OF LEPENSKI VIR: NEW SHAPE - OLD MATERIAL**  
Đuričić, Ana (Laboratory for Bioarchaeology, Faculty of Philosophy, University of Belgrade)
- 10:00 DISCUSSION SLOT**
- 11:00 LIFEWAYS AND FOODWAYS IN THE BALKAN NEOLITHIC**  
Ivanova, Maria (University of Heidelberg)
- 11:15 REVEALING THE IMPORTANCE OF AQUATIC RESOURCES IN THE EARLY NEOLITHIC IRON GATES REGION THROUGH ABSORBED LIPID RESIDUES IN POTTERY**  
Cramp, Lucy (University of Bristol)

- 11:30 UNSEEN SPACES – SYSTEMATIC REGIONAL SURVEY OF MICROREGIONAL NEOLITHIC SYSTEMS IN CENTRAL BALKANS**  
Kocic, Miroslav (University of Pittsburgh)
- 11:45 INVESTIGATING THE CONTEXTS OF FOOD GRINDING PRACTICES AND TOOLS IN THE NEOLITHIC OF SOUTHEASTERN EUROPE**  
Bekiaris, Tasos - Chondrou, Danai - Ninou, Ismini - Valamoti, Soultana Maria (Aristotle University of Thessaloniki)
- 12:00 TRACING REGIONAL VARIATION AMONG AEGEAN NEOLITHIC CELT ASSEMBLAGES**  
Stroulia, Anna (University of Southern Indiana)
- 12:15 BETWEEN LITHICS AND MACROLITHICS: FLAKES AND FLAKED STONES OF LIMESTONE AND GABBRO FROM VAREMENI GOULON, NORTHERN GREECE**  
Kakavakis, Odysseas (Ephorate of Antiquities of West Attica, Piraeus and Islands) - Stroulia, Anna (University of Southern Indiana)
- 12:30 DISCUSSION SLOT**

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## 467 DISASTER-LED ARCHAEOLOGY: ANTICIPATIONS AND RESPONSES TO HERITAGE-IMPACTING CATASTROPHES

**ROOM:** UB220

**TIME:** 14:00 - 17:30

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Regular session

**ORGANISERS:** Schlanger, Nathan (Ecole nationale des chartes, Paris; UMR 8215 Trajectoires - CNRS, Paris 1, Nanterre) - Okamura, Katsuyuki (Osaka City Cultural Properties Association) - Nespoulous, Laurent (INALCO, Paris; UMR 8215 Trajectoires - CNRS, Paris 1, Nanterre)

### ABSTRACTS

- 14:00 DEALING WITH DISASTER OF THE PAST, IN THE PAST, PRESENT AND FUTURE : SISYPHE, GET THEE OUT!**  
Nespoulous, Laurent (INALCO)
- 14:15 TACKLING AN UNPREDICTABLE FUTURE; THE DEVELOPMENT OF A DISASTER-LED ARCHAEOLOGY IN JAPAN**  
Okamura, Katsuyuki (Osaka City Cultural Properties Association)
- 14:30 FUKUSHIMA TODAY: SEVEN YEARS SINCE THE GREAT EAST JAPAN EARTHQUAKE AND THE FUKUSHIMA DIICHI NUCLEAR POWER PLANT ACCIDENT**  
Kikuchi, Yoshio (Fukushima University)
- 14:45 DISCUSSION SLOT**

**15:00 THE EARTHQUAKE DISASTERS OF CHRISTCHURCH AND THEIR IMPACT ON LOCAL ARCHAEOLOGY**

Schwenzer, Gerit (-)

**15:15 RECENT UNITED STATES FEDERAL GOVERNMENT HURRICANE DISASTER RESPONSE IN THE CARIBBEAN: CASE STUDIES OF EFFECTIVE HERITAGE MANAGEMENT**

Bello, Charles (U.S. Federal Emergency Management Agency)

**15:30 A RUSSIAN VIEWPOINT ON NATURAL DISASTERS AND CATASTROPHES IN RUSSIA**

Mokrousov, Sergey - Engovatova, Asya (Institute of Archaeology Russian Academy of Sciences)

**15:45 DISCUSSION SLOT****16:30 WHEN CLOCKS STAND STILL AND BELLS ARE SILENT: EXPLORING HERITAGE TIME IN THE AFTERMATH OF DESTRUCTION AND LOSS**

Di Giuseppantonio Di Franco, Paola (University of Essex; University of Cambridge) - Viejo-Rose, Dacia (University of Cambridge)

**16:45 DISCUSSION SLOT****POSTERS****a. UNESCO CHAIR ON HERITAGE FUTURES AT LINNAEUS UNIVERSITY**

Högberg, Anders - Holtorf, Cornelius (Linnaeus University)

**480 RESEARCH ON ARCHAEOLOGICAL PRACTICES AND KNOWLEDGE WORK IN THE DIGITAL ENVIRONMENT****ROOM:** UB305**TIME:** 16:30 - 18:30**THEME:** Theories and methods in archaeological sciences**FORMAT:** Regular session**ORGANISERS:** Huvila, Isto (Uppsala University) - Lauzikas, Rimvydas (Vilnius University) - Dallas, Costis (University of Toronto)**ABSTRACTS****16:30 ONLINE COLLABORATIVE PLATFORMS AND 3D VISUALISATION FOR INCREASED INTEROPERABILITY, INTEGRATION AND INTERPRETATION IN ARCHAEOLOGY**

Galeazzi, Fabrizio (Department of Archaeology, University of York) - Jensen, Peter (Department of Archaeology and Heritage Studies, Aarhus University)

- 16:45 SHIPWRECKS IN PERIL: 3D MODELLING AS A RAPID RECORD FOR COASTAL ARCHAEOLOGISTS AND VOLUNTEERS IN CUMBRIA**  
Mason, Nick - Sherman, Andy (CITiZAN)
- 17:00 DISCUSSION SLOT**
- 17:15 VISUALISING UNCERTAINTY – A RESEARCH PROJECT FOR KNOWLEDGE PRODUCTION THROUGH THE EXPLICIT REPRESENTATION OF UNCERTAIN KNOWLEDGE IN ARCHAEOLOGY**  
Lengyel, Dominik - Toulouse, Catherine (BTU Cottbus-Senftenberg)
- 17:30 AN EVALUATION APPROACH TO USERS EXPERIENCE AND PERCEPTION OF ARCHAEOLOGICAL INTERACTIVE 3D MODELS**  
Dolcetti, Francesca (University of York)
- 17:45 WHAT KIND OF ARCHAEOLOGY DO WE TEACH AND TO WHOM?**  
Susic Klindzic, Rajna (Faculty of Humanities and Social Sciences University of Zagreb)
- 18:00 DISCUSSION SLOT**

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## 481 TRADITIONAL AND (ALTERNATIVE) NEW MEDIA: DIFFERENT WAYS TO COMMUNICATE UPON ARCHAEOLOGY

**ROOM:** UB105

**TIME:** 8:30 - 10:30

**THEME:** Archaeology and the European Year of Cultural Heritage

**FORMAT:** Session with precirculated papers

**ORGANISERS:** Basterrechea, Aurélia (ArchaeoConcept) - Fonseca, Ana Sofia (ICArHEB, Algarve University; DAI MOOCs coordinator)

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### ABSTRACTS

- 8:30 PREVENTIVE ARCHAEOLOGY IN REGIONAL NEWSPAPERS IN HISTORICAL PERSPECTIVE : THE CASE OF FRENCH-SPEAKING SWITZERLAND**  
Javet, Raphaëlle (Université de Neuchâtel)
- 8:40 POPULARISING ARCHAEOLOGY: ISSUES & POTENTIALITY OF NEW TRANSMISSION TOOLS**  
Basterrechea, Aurélia (ArchaeoConcept) - Cousino Rivera, Hugo (Freelance Journalist)
- 8:50 DESIGNING THE PAST: VIDEO GAMES AS A TOOL TO COMMUNICATE SCIENTIFIC KNOWLEDGE**  
Rubio-Campillo, Xavier (The University of Edinburgh; Murphy's Toast Games) - Boj, Isabel - Hernández Cardona, Francesc Xavier (Universitat de Barcelona) - Mayans, Jaume (Murphy's Toast Games) - Sospedra Roca, Rafel - Yubero-Gómez, Maria (Universitat de Barcelona)

- 9:00 VIRTUAL RECONSTRUCTION, STORYTELLING AND IMMERSIVE ENVIRONMENTS, A NEW PATH TO COMMUNICATE ARCHAEOLOGICAL SCIENCE TO THE WIDER PUBLIC. ULLASTRET3D CASE STUDY**  
Codina, Ferran (NORFEU SC) - Prado, Gabriel (Museu d'Arqueologia de Catalunya) - Ruiz, Isis - Sierra, Albert (Agència Catalana del Patrimoni Cultural)
- 9:10 AUDIENCE DEVELOPMENT AT THE ROMAN RUINS OF TRÓIA THROUGH DIGITAL MEDIA**  
Magalhães, Ana - Pinto, Inês (Troia Resort; CEAACP - Universidade de Coimbra) - Brum, Patrícia (Troia Resort; IHC - NOVA FCSH) - Santos, Filipa (Troia Resort)
- 9:20 THE NAUTICAL ARCHAEOLOGY SOCIETY, A CASE STUDY OF COMMUNICATING WITH DIFFERENT COMMUNITIES: PLAIN SAILING AND HIDDEN HAZARDS**  
Richardson, Miranda (NAS/IJNA) - Knott, Peta (NAS)
- 9:30 WHY ARCHAEOLOGY MATTERS? DIGGING UP ARCHAEOLOGY ROLE IN MODERN SOCIETIES**  
Fonseca, Sofia (ICArEHB, Algarve University; IEPOA, Universitat Autònoma de Barcelona; Deutsches Archäologisches Institut, DAI) - Linstädter, Jörg (Deutsches Archäologisches Institut, DAI) - BICHO, Nuno (ICArEHB, Algarve University) - HONEGGER, Matthieu (Institut d'archéologie, Université de Neuchâtel) - Haws, Jonathan (Department of Anthropology, University of Louisville)
- 9:40 DISCUSSION SLOT**

## 482 MEANINGFUL PLACES: INTEGRATING THEORIES, METHODS AND SCIENTIFIC TECHNIQUES IN THE ARCHAEOLOGICAL STUDY OF A DWELLING PLACE

**ROOM:** UB406

**TIME:** 14:00 - 18:30

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Regular session

**ORGANISERS:** Prijatelj, Agni (Durham University, Department of Archaeology) - Wouters, Barbora (Centre for Urban Network Evolutions - UrbNet, Aarhus University, School of Culture and Society; Department of Art Studies and Archaeology, Vrije Universiteit Brussel)

### ABSTRACTS

- 14:00 IN SEARCH OF THE COMMON GROUND: DWELLING PLACES IN ARCHAEOLOGICAL THEORY AND ARCHAEOLOGICAL SCIENCE**  
Prijatelj, Agni (Durham University)
- 14:15 DWELLING WITHOUT THE DWELLINGS: MOBILE WAYS OF INHABITATION IN PREHISTORIC EUROPE**  
Kador, Thomas (University College London)

- 14:30 DWELLING BEYOND THE DOMESTIC: UNDERSTANDING THE FORMATION AND ABANDONMENT OF BURNT MOUNDS THROUGH GEOARCHAEOLOGY**  
Gardner, Tom (University of Edinburgh)
- 14:45 'DIGGING' DEEPER: INTEGRATED APPROACHES TO ROUNDHOUSE BIOGRAPHIES AT BROXMOU, SOUTH-EAST SCOTLAND**  
Buster, Lindsey (University of Bradford)
- 15:00 OPEN SPACES AS SOCIAL PLACES: EXPLORING THE DYNAMICS OF OUTDOOR ACTIVITY CONTEXTS IN NEOLITHIC VILLAGES THROUGH MICROMORPHOLOGICAL ANALYSIS**  
Koromila, Georgia (University of Reading)
- 15:15 HOW ARCHAEOLOGICAL SCIENCE PROMPTED A RE-THINK OF TRYPILLIA MEGA-SITES: THE CASE OF NEBELIVKA, UKRAINE**  
Chapman, John (Durham University) - Gaydarska, Bisserka (Independent researcher) - Nebbia, Marco (Durham University)
- 15:30 MATERIAL EXPRESSIONS OF LOCAL LEVEL SOLIDARITIES AND CONFLICTS IN EGALITARIAN LIFEWAYS AT ÇATALHÖYÜK**  
Govier, Eloise (University of Wales Trinity Saint David)
- 15:45 DISCUSSION SLOT**
- 16:30 A MEANINGFUL CONTEXT. PATTERNS FOR PLACING DEAD AT THE NEOLITHIC ANCIENT NEAR EAST**  
Harabasz, Katarzyna (Adam Mickiewicz University)
- 16:45 KAZBURUN ARCHAEOLOGICAL MICRO-DISTRICT AS A MEANINGFUL PLACE OF THE SOUTHERN TRANSURALS**  
Shcherbakov, Nikolai - Shuteleva, Iia - Leonova, Tatiana (Bashkir State Pedagogical University named after M. Akmulla, Laboratory of Method and Methodology of Humanitarian Research)
- 17:00 NUCLEATED SETTLEMENTS AS ASSEMBLAGES: A REGIONAL NETWORK APPROACH TO DWELLING PLACES**  
Fulminante, Francesca (University Roma Tre) - Witcher, Rob (Durham University)
- 17:15 ROMAN CIVILIAN VILLAGES (VICI) AS SPECIAL DWELLING PLACES IN THE SOCIO-ECONOMIC LANDSCAPE OF NORTH-EASTERN PANNONIA (HUNGARY)**  
Simon, Bence (Institute of Archaeological Sciences - Eötvös Loránd University, Budapest)
- 17:30 MAKING, MODIFYING, MOVING: GEOARCHAEOLOGICAL CONTRIBUTIONS TO UNDERSTANDING THE ACTOR NETWORKS OF VIKING-AGE FARMSTEADS IN THE NORTH ATLANTIC REGION**  
Milek, Karen (Department of Archaeology, Durham University)
- 17:45 ROCKSHELTERS IN WESTERN NORWAY. SUITABLE DWELLING PLACES FOR 11TH-17TH CENTURY (AD) FOLKS?**  
Hansen, Gitte - Bergsvik, Knut Andreas (University Museum of Bergen, University of Bergen)
- 18:00 DISCUSSION SLOT**

- a. **IF THE WALLS COULD TALK: ELEMENTS OF ROMANITAS AND PROVINCIAL PARTICULARITIES IN THE ROMAN HOUSES OF THE VALENCIAN TERRITORY.**  
Peñalver, Tamara (Dpto. Prehistoria, Arqueología e Historia Antigua, Universidad de Valencia)

## 485 **TRANSFORMING INFRASTRUCTURES: SOCIO-ENVIRONMENTAL DIMENSIONS OF SITE AND SETTLEMENT PATTERN CHANGES**

**ROOM:** UB307

**TIME:** 16:30 - 18:30

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Regular session

**ORGANISERS:** Fuchs, Katharina (Kiel University; CRC 1266 "Scales of Transformation") - Kadrow, Sławomir (Institute of Archaeology and Ethnology Polish Academy of Sciences; CRC 1266 "Scales of Transformation") - Müller, Johannes (Kiel University; CRC 1266 "Scales of Transformation")

## ABSTRACTS

### 16:30 **DOMESTIC INFRASTRUCTURES AND TRANSFORMATION DYNAMICS**

Fuchs, Katharina (Collaborative Research Centre 1266) - Kadrow, Sławomir (Institute of Archaeology and Ethnology PAN) - Müller, Johannes (Institut fuer Ur- und Fruehgeschichte Kiel)

### 16:45 **COMMUNAL BUILDINGS IN CUCUTENI-TRIPOLYE SETTLEMENTS**

Hofmann, Robert - Müller, Johannes - Kirleis, Wiebke (Kiel University, Institute for Pre- and Protohistoric Archaeology; CRC 1266: „Scales of Transformation - Human-Environmental Interaction in Prehistoric and Archaic Societies“) - Videiko, Mihail (Borys Grinchenko Kyiv University, Research Laboratory of Archaeology) - Burdo, Natalia (Kiev) - Ohlrau, René (Kiel University, Graduate School „Human Development in Landscape“) - Dal Corso, Marta - Dreibrodt, Stefan - Shatilo, Liudmyla (Kiel University, Institute for Pre- and Protohistoric Archaeology; CRC 1266)

### 17:00 **TRANSFORMATION OF SPACE AND MATERIAL CULTURE IN TRIPOLYE SETTLEMENTS OF THE BUG-DNIEPER INTERFLUVE**

Shatilo, Liudmyla - Hofmann, Robert - Müller, Johannes (Kiel University, Institute for Pre- and Protohistoric Archaeology; CRC 1266: „Scales of Transformation - Human-Environmental Interaction in Prehistoric and Archaic Societies“) -

### 17:15 **THE VARIABILITY OF SETTLEMENT TRANSFORMATION PROCESSES IN THE SECOND HALF OF THE 5TH MILLENNIUM BC IN CENTRAL EUROPE**

Szilágyi, Márton (Hamburg University)

**17:30 CHANGES IN PRODUCTION, DISTRIBUTION AND CONSUMPTION IN THE FOURTH AND THIRD MILLENNIUM BC ON POLISH LOWLAND**

Szmyt, Marzena (Adam Mickiewicz University) - Czebreszuk, Janusz (Archaeological Museum in Poznań)

**17:45 WEAVING LOOMS, INTENTIONAL DEMOLITIONS, BURNT OFFERINGS...? TRENCH-LIKE FEATURES OF THE URNFIELD PERIOD IN CENTRAL EUROPE**

Chvojka, Ondřej (University of South Bohemia) - Menšík, Petr (University of West Bohemia) - Šálková, Tereza (University of South Bohemia)

**18:00 PATTERNS OF CULTURAL SPACE FROM THE NEOLITHIC TO THE MIDDLE AGES AT THE SITE NO. 3 IN MIECHÓW (SOUTHERN POLAND)**

Nowak, Marek (Institute of Archaeology, Jagiellonian University) - Przybyła, Marcin (Pryncypat, Kraków) - Rodzińska-Nowak, Judyta - Wojenka, Michał (Institute of Archaeology, Jagiellonian University)

**18:15 DISCUSSION SLOT****492 FROM EXCAVATION TO SEDIMENTATION: THE MULTIPROXY AND BIOMOLECULAR ENVIRONMENTAL REVOLUTION IN ARCHAEOLOGY**

ROOM: UB212

TIME: 8:30 - 13:00

THEME: Theories and methods in archaeological sciences

FORMAT: Regular session

ORGANISERS: Brown, Antony (University of Southampton) - Gearey, Ben (University College Cork) - Koivisto, Satu (University of Helsinki) - Whitehouse, Nicola (University of Plymouth)

**ABSTRACTS****8:30 INDICATORS OF HUMAN IMPACT IN THE POLLEN RECORD FROM TWO EARLY MEDIEVAL CRANNOGS IN CO. FERMANAGH, NORTHERN IRELAND**

Head, Katie - Whitehouse, Nicola - Neilson, Iona (Plymouth University) - Hardenbroek, Maarten (Newcastle University) - Davies, Kimberley - Barratt, Philip (Plymouth University) - Fonville, Thierry - Brown, Antony (University of Southampton)

**8:45 STUDYING AND AUTHENTICATING SEDADNA FROM MARINE PALAEOLANDSCAPES**

Ware, Roselyn - Cribdon, Becky - Everett, Rosie (University of Warwick) - Bates, Martin (University of Wales Trinity St David) - Bates, Richard (University of St Andrews) - Fitch, Simon - Murgatroyd, Philip (University of Bradford) - Smith, David (University of Birmingham) - Gaffney, Vincent (University of Bradford) - Allaby, Robin (University of Warwick)



**9:00 USING SEDADNA ALONGSIDE PALAEOENVIRONMENTAL PROXIES FOR UNDERSTANDING WETLAND AND LAKESIDE ARCHAEOLOGICAL SITES**

Brown, Antony (University of Southampton) - Hardenbroek, Maarten (School of Geography, Politics and Sociology, University of Newcastle) - Fonville, Thierry - Langdon, Peter (University of Southampton)

**9:15 DISCUSSION SLOT**

**9:30 HUMAN-ENVIRONMENT INTERACTIONS IN THE ALPS: INTEGRATING MULTIPLE SCALES OF ANALYSIS VIA ARCHAEOLOGICAL AND PALAEOENVIRONMENTAL EVIDENCE: THE SIGNIFICANT POTENTIAL OF SEDADNA**

Walsh, Kevin (Department of Archaeology, University of York) - Giguët-Covex, Charline (EDYTEM, UMR 5204 CNRS, Université de Savoie) - Bajard, Manon - Develle, Anne-Lise - Poulenard, Jérôme - Sabatier, Pierre - Arnaud, Fabien MR 5204 CNRS, Université de Savoie) - Ficetola, Francesco - Gielly, Ludovic - Wentao, Chen (Laboratoire d'Ecologie Alpine, CNRS UMR 5553, Université Joseph Fourier)

**9:45 INVESTIGATING THE NATURE AND TIMING OF THE EARLIEST HUMAN OCCUPATION OF NORTH AMERICA USING A LIPID BIOMARKER APPROACH**

Whelton, Helen (University of Bristol) - Shillito, Lisa-Maris (Newcastle University) - Bull, Ian (University of Bristol)

**10:00 WHAT HAPPENED TO MY ADNA? PRE-, SYN- AND POSTDEPOSITIONAL TAPHONOMIC PROCESSES THAT AFFECT OUR SEDIMENT RECORD**

Bleicher, Niels (Underwaterarchaeology / DendroLab City Of Zürich)

**10:15 DISCUSSION SLOT**

**11:00 ADVANCING OUR UNDERSTANDING OF PREHISTORIC LAKE SETTLEMENTS: EXTRACTING DIRECT EVIDENCE OF HUMAN OCCUPATION USING LIPID BIOMARKERS**

Mackay, Helen - Henderson, Andrew - Hardenbroek, Maarten (Newcastle University) - Davies, Kimberley (Plymouth University) - Fonville, Thierry - Langdon, Peter (University of Southampton) - Whitehouse, Nicola (Plymouth University) - Cavers, Graeme - Crone, Anne (AOC Archaeology Group) - Brown, Tony (University of Southampton)

**11:15 AQUATIC ECOSYSTEM RESPONSE TO LATE HOLOCENE HUMAN DISTURBANCE: MULTIPROXY EVIDENCE OF HUMAN INFLUENCED VARIATION IN SMALL LAKES**

Davies, Kimberley (Plymouth University) - Fonville, Thierry (University of Southampton) - Mackay, Helen (Newcastle University) - Head, Katie - Whitehouse, Nicola - Barratt, Phil (Plymouth University) - Langdon, Peter (University of Southampton) - Hardenbroek, Maarten - Henderson, Andrew (Newcastle University) - Brown, Antony (University of Southampton)

**11:30 EXPLORING NEOLITHIC IN SOUTH-EASTERN FINLAND THROUGH HIGH RESOLUTION MULTI-PROXY ANALYSES FROM LAKE SEDIMENT ARCHIVES**

Alenius, Teija (University of Helsinki) - Heino, Matti (University of Helsinki; University of Oulu, Department of Genetics & Physiology)

**11:45 DISCUSSION SLOT**

**12:00 PALAEOENVIRONMENTAL PROXIES FROM A PALAEOCHANNEL SEDIMENTS ADJACENT TO A LONG-LIVED MESOLITHIC SITE IN THE ENVIRONS OF STONEHENGE WORLD HERITAGE SITE**

Brown, Antony (PLUS, University of Southampton) - Pears, Ben (University of Southampton) - Jacques, David (University of Buckingham) - Young, Dan (QUEST, University of Reading) - Fonville, Thierry (PLUS, University of Southampton)

**12:15 ROOTS OF MODERN DIET IN FRENCH ALPINE FOOTHILLS: A PROGRESSIVE HISTORY REVEALED BY LAKE SEDIMENT DNA AND POLLEN**

Giguet-Covex, Charline - Messenger, Erwan - Doyen, Elise (EDYTEM, CNRS, Université Savoie Mt Blanc) - Etienne, David (CARRTEL, INRA, Université Savoie Mt Blanc) - Malet, Emmanuel - Fanget, Bernard - Poulenc, Jérôme - Arnaud, Fabien (EDYTEM, CNRS, Université Savoie Mt Blanc)

**12:30 DISCUSSION SLOT**

**POSTERS**

**a. USING SEDADNA FROM NORTH SEA SEDIMENT CORES TO RECONSTRUCT THE EARLY HOLOCENE PALAEOENVIRONMENT**

Cribdon, Becky - Ware, Rosie - Everett, Rosie - Allaby, Robin (University of Warwick)

**b. SUBMERGED COASTAL PALAEOLANDSCAPES AND THE IMPACT OF INTER-TIDAL ENVIRONMENTAL VARIABILITY: ASSESSING ANCIENT DNA PRESERVATION AT BORTH BEACH (CARDIGAN BAY, WALES)**

Everett, Rosie - Ware, Roselyn - Cribdon, Becky (University of Warwick) - Bates, Martin (University of Lampeter) - Allaby, Robin (University of Warwick)

**501 STORAGE STRUCTURES AND STORAGE GOODS FROM THE NEOLITHIC TO THE IRON AGE: ARCHAEOLOGICAL, ARCHAEOBOTANICAL AND ETHNOGRAPHIC PERSPECTIVES**

**ROOM:** UB404

**TIME:** 11:00 - 18:00

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Tereso, João (CIBIO - Research Center In Biodiversity and Genetic Resources/University of Porto; InBIO - Research Network in Biodiversity and Evolutionary Biology (Associated Laboratory); Centre for Archaeology. UNIARQ. School of Arts and Humanities. University of Lisbon) - Alonso, Natàlia (University of Lleida) - Prats, Georgina (Integrative prähistorische und naturwissenschaftliche Archäologie - IPNA; University of Lleida)

**11:00 IMPERIAL STORIES AND EMPIRICAL EVIDENCE: THE ‘ENSILAGE RATIONNEL DES GRAINS’ AND THE FRUITS OF CIVILIZATION**

González Vázquez, Mateo (Universitat de Barcelona)

**11:15 INTRAMURAL, EXTRAMURAL, AND REMOTE STORAGE PROVIDE CONVENIENCE AND MITIGATE RISK: THE BOTANIC RECORD OF CULTIVATED, ENCOURAGED, AND WILD PLANTS**

Scott Cummings, Linda - Kovacik, Peter (PaleoResearch Institute)

**11:30 DISTINGUISHING WILD FOODS AT THE TRANSITION TO AGRICULTURE IN SOUTHWEST ASIA: A NEW ARCHAEOBOTANICAL APPROACH**

Wallace, Michael (University of Sheffield, Department of Archaeology) - Livarda, Alexandra (University of Nottingham, Department of Classics and Archaeology) - Stillman, Eleanor (University of Sheffield, School of Mathematics and Statistics) - Jones, Glynis (University of Sheffield, Department of Archaeology)

**11:45 DISCUSSION SLOT**

**12:00 STORAGE IN THE CENTRAL EUROPEAN NEOLITHIC: A VIEW FROM THE AMERICAN SOUTHWEST**

Rocek, Thomas (Department of Anthropology, University of Delaware)

**12:15 PHENOMENON OF GRAIN PITS AS UNDERGROUND GRANARIES IN PREHISTORY OF SLOVAKIA**

Gašpar, Adam (Department of Archaeology and Museology, Faculty of Arts, Masaryk University; ERASMUS MUNDUS - HERCULES Laboratory, University of Evora)

**12:30 MANAGEMENT OF WATER AND FOOD SUPPLIES IN NEOLITHIC CAVES AND LOWLAND SUBSTRUCTURES OF THE SOUTH OF FRANCE: A USE-WEAR STUDY**

Debels, Pauline (Paul Valéry Montpellier 3 University; UMR 5140 ASM; UMR 8215 Trajectoires)

**12:45 DISCUSSION SLOT**

**14:00 MINIATURE BOTTLES, PRESTIGIOUS CONTAINERS FOR PRESTIGIOUS GOODS AT THE BEGINNING OF THE COPPER AGE IN THE SOUTHEASTERN ALPINE REGION**

Kramberger, Bine (Institute for the Protection of Cultural Heritage of Slovenia - ZVKDS, Centre for Preventive Archaeology - CPA) - Berthold, Christoph (Competence Center Archaeometry - Baden-Wuerttemberg - CCA-BW, Eberhard Karls Universität Tübingen) - Spiteri, Cynthianne (Institut für Ur- und Frühgeschichte und Archäologie des Mittelalters, Eberhard Karls Universität Tübingen)

**14:15 INTERPRETATIVE TRAJECTORIES TOWARDS THE UNDERSTANDING OF NEGATIVE FEATURES USING TERRAÇO DAS LARANJEIRAS BRONZE AGE SITE AS A CASE-STUDY**

Jesus, Ana (Faculdade de Ciências, Universidade do Porto; Integrative Prehistory and Archaeological Science, University of Basel) - Tereso, João (InBIO - Rede de Investigação em Biodiversidade e Biologia Evolutiva, Laboratório Associado; CIBIO - Centro de Investigação em Biodiversidade e Recursos Genéticos, Universidade do Porto; UNIARQ - Centro de Arqueo-

logia da Universidade de Lisboa; Museu de História Natural e da Ciência da Universidade do Porto) - Gaspar, Rita (Museu de História Natural e da Ciência da Universidade do Porto; GEPN-AAT / Grupo de Estudos para a Prehistoria do Noroeste Ibérico-Arqueologia; InBIO - Rede de Investigação em Biodiversidade e Biologia Evolutiva, Laboratório Associado; CIBIO - Centro de Investigação em Biodiversidade e Recursos Genéticos, Universidade do Porto)

**14:30 PITHOI AND STORAGE IN LATE BRONZE AGE SOUTHERN ITALY**

Porta, Francesca (La Sapienza-Università di Roma; Ghent University)

**14:45 DISCUSSION SLOT**

**15:00 THE STORAGE OF PULSES DURING THE BRONZE AND IRON AGES: LOOKING AT ARCHAEOLOGICAL DATA THROUGH THE LENS OF ETHNOGRAPHY**

Prats, Georgina (Integrative Prehistory and Archaeological Science - IPNA/IPAS, Dept. of Environmental Sciences, University of Basel; Grup d'Investigació Prehistòrica, Departament d'Història, Facultat de Lletres, Universitat de Lleida) - Tarongi, Miguel - Alonso, Natàlia (Grup d'Investigació Prehistòrica, Departament d'Història, Facultat de Lletres, Universitat de Lleida)

**15:15 SILO STORAGE DURING THE BRONZE AND IRON AGES: AN APPROACH TO DIFFERENT REALITIES IN THE NE OF THE IBERIAN PENINSULA**

Prats, Georgina (Integrative Prehistory and Archaeological Science - IPNA/IPAS, Dept. of Environmental Sciences, University of Basel; Grup d'Investigació Prehistòrica, Departament d'Història, Facultat de Lletres, Universitat de Lleida)

**15:30 IRON AGE STORAGE SYSTEMS AND HOUSEHOLD ECONOMIES IN THE LOWER EBRO RIVER REGION**

Jornet, Rafael (University of Barcelona; Món Iber Rocs SL)

**15:45 DISCUSSION SLOT**

**16:30 THE SERRAT DELS ESPINYERS (ISONA I CONCA DELL?, LLEIDA, CATALONIA), A LONG-TERM STORAGE SITE IN THE PYRENEES**

Garcés Estallo, Ignasi (University of Barcelona) - Belmonte Santiesteban, Cristina - Bermúdez, Xavier (iPAT-Cultural services) - Reyes Bellmunt, Teresa (Independent research)

**16:45 THE STORAGE OF SURPLUS IN IRON AGE IBERIA: THE GRANARY AS PART OF AN INSTITUTION**

Vives-Ferrandiz, Jaime (SIP-Museu de Prehistòria de València) - Pérez Jordà, Guillem (Instituto de Historia CCHS-CSIC) - Albir Herrero, Cristina - Tortajada Comeche, Guillermo (SIP-Museu de Prehistòria de València)

**17:00 STORAGE OF GRAINS IN NW IBERIA DURING THE IRON AGE: STRUCTURES, CROPS AND SOCIETIES**

Tereso, João (CIBIO - Research Center in Biodiversity and Genetic Resources, Univ. of Porto; InBIO - Research Network in Biodiversity and Evolutionary Biology, Associate Laboratory; Natural History and Science Museum of the University of Porto; Uniarq - Centro de Arqueologia da Universidade de Lisboa) - Seabra, Luís (CIBIO - Research Center in Biodiversity and

Genetic Resources, Univ. of Porto; InBIO - Research Network in Biodiversity and Evolutionary Biology, Associate Laboratory)

**17:15 DISCUSSION SLOT**

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**513 BRIDGING OCEANS AND THEORETICAL APPROACHES TO LITHIC ANALYSIS**

**ROOM:** UB219

**TIME:** 14:00 - 18:30

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Regular session

**ORGANISERS:** Burke, Adrian Louis (Université de Montréal) - Riel-Salvatore, Julien (Université de Montréal)

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**ABSTRACTS**

**14:00 RECONCILING EUROPEAN AND NORTH AMERICAN METHOD AND THEORY IN LITHIC ANALYSIS: THREE CASE STUDIES FROM THE PREHISTORY OF EASTERN CANADA**

Burke, Adrian (Université de Montréal)

**14:15 VARIABILITY WITHIN MODE 2 TECHNOLOGY: EXPANDING CRITERIA FOR TECHNOLOGICAL CLASSIFICATION OF THE LOWER PALAEOLITHIC OF WESTERN EUROPE AND SOUTH ASIA**

Srinivas, Akash (Indian Institute of Science Education and Research - IISER, Mohali)

**14:30 BREAKING DOWN METHODOLOGICAL BARRIERS FOR THE STUDY OF THE MIDDLE PLEISTOCENE INDUSTRIES IN THE WESTERN SIDE OF EUROPE**

García-Medrano, Paula - Ashton, Nick (British Museum) - Moncel, Marie-Hélène (National Museum of Natural History) - Ollé, Andreu (Institut Català de Paleoecologia Humana i Evolució Social; Universitat Rovira i Virgili)

**14:45 PATTERNS IN STONE: A COMPARATIVE FRAMEWORK OF INTRA-SITE SPATIAL PATTERNING**

Clark, Amy (The University of Oklahoma)

**15:00 MAKING IT WORK: INTEGRATING EUROPEAN AND NORTH AMERICAN APPROACHES TO RECONSTRUCT PALEOLITHIC LIFEWAYS IN NW ITALY**

Riel-Salvatore, Julien (Université de Montréal)

**15:15 LITHIC (TECHNO)TYPOLOGY AND THE STUDY OF THE EUROPEAN UPPER PALAEOLITHIC**

Reynolds, Natasha (UMR 5199 PACEA, University of Bordeaux)

**15:30 DISCUSSION SLOT**

- 16:30 RETHINKING THE CULTURAL TAXONOMY OF THE EUROPEAN FINAL PALAEOLITHIC IN LIGHT OF PARADIGMATIC BIASES AND MORPHOMETRIC METHODS**  
Hoggard, Christian - Sauer, Florian - Riede, Felix (Department of Archaeology and Heritage Studies, Aarhus University)
- 16:45 LITHIC PRODUCTION AND USE IN MAGDALENIAN FRANCE: EVERYDAY LIFE AT AN OPEN-AIR SITE**  
Sterling, Kathleen (Binghamton University, SUNY) - Lacombe, Sébastien (Binghamton University, SUNY; UMR 5608 TRACES)
- 17:00 APPLYING A COMBINATION OF METHODS: STUDY OF TECHNOLOGICAL CHOICES ALONG THE EARLY NATUFIAN SEQUENCE OF EL-WAD TERRACE, MOUNT CARMEL, ISRAEL**  
Ashkenazy, Hila - Yeshurun, Reuven - Weinstein Evron, Mina - Kaufman, Daniel (Zinman Institute of Archaeology, Haifa University)
- 17:15 MOBILITY PATTERNS IN EASTERN IBERIAN MESOLITHIC. THE LITHIC INDUSTRY AS A PROXY**  
Cortell-Nicolau, Alfredo - García-Puchol, Oreto (PREMEDOC Research Group, Departament de Prehistòria, Arqueologia i Història Antiga, Universitat de València) - Barton, C. Michael (School of Human Evolution and Social Change, Arizona State University) - Diez-Castillo, Agustín (GRAM Research Group, Departament de Prehistòria, Arqueologia i Història Antiga, Universitat de València) - Pardo-Gordó, Salvador (GRAMPO Research Group, Departament de Prehistòria, Universitat Autònoma de Barcelona)
- 17:30 NEW PERSPECTIVES ON CHANGES IN AUSTRALIAN LITHIC INDUSTRIES DURING THE HOLOCENE: THE CHAÎNE OPÉRATOIRE APPROACH APPLIED TO KIMBERLEY (WA) ASSEMBLAGES**  
Benoit, Marine (University of Western Australia)
- 17:45 DISCUSSION SLOT**

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## 515 BUILDING STORY STRUCTURES - EARLY MONUMENTALISM IN NEOLITHIC EUROPE

**ROOM:** CCCB4M

**TIME:** 8:30 - 18:30

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Sorensen, Lasse (The National Museum of Denmark) - Gebauer, Anne Birgitte (The National Museum of Denmark) - Andersen, Niels H. (Moesgaard Museum) - Teather, Anne (Manchester University)

- 8:30 INTRODUCTION TO THE SESSION: BUILDING STORY STRUCTURES - EARLY MONUMENTALISM IN NEOLITHIC EUROPE**  
Sorensen, Lasse - Gebauer, Anne Birgitte (The National Museum of Denmark) - Teather, Anne (Manchester University) - de Valera, António Carlos (NIA-ERA Arqueologia, Interdisciplinary center for Archaeology and Evolution of human behavior, Dafundo)
- 8:45 PREHISTORIC FLINT MINES AS MONUMENTS**  
Teather, Anne (University of Manchester)
- 9:00 SOCIAL MEMORIES AND MONUMENTALITY: TRIGGERS OF NEOLITHIC SOCIETIES**  
Brozio, Jan Piet - Müller, Johannes (Institute of Pre- and Protohistoric Archaeology CAU Kiel)
- 9:15 DISCUSSION SLOT**
- 9:30 BUILDING MONUMENTS, CREATING COMMUNITIES - THE ROLE OF EARLY MONUMENTAL ARCHITECTURE AS MEANS OF SOCIAL COHESION**  
Notroff, Jens (German Archaeological Institute)
- 9:45 THE MONUMENTAL GLUE OF SOCIAL RELATIONS AND RANK WITHIN THE EARLY FUNNEL BEAKER CULTURE**  
Sorensen, Lasse (The National Museum of Denmark)
- 10:00 CELEBRATING STONES - MEGALITH BUILDING TRADITIONS AMONG ANGAMI-NAGA, NORTHEAST-INDIA**  
Wunderlich, Maria (Institute of Pre- and Protohistoric Archaeology, University Kiel)
- 10:15 MONUMENTS AND NARRATIVES - TRANSFORMATIVE PROCESSES OF MONUMENTS, PRESTIGE GOODS AND SOCIAL PRACTICES IN THE WESTERN BALTIC REGION**  
Brozio, Jan Piet (Institute of Pre- and Protohistoric Archaeology CAU Kiel)
- 11:00 SETTLING THE MONUMENTAL ISSUE IN THE DUTCH WETLANDS**  
Nobles, Gary (University of Groningen)
- 11:15 EMERGENT CAUSATIONS OF CENTRALITY AND MONUMENTALITY IN SOUTHERN IBERIAN SETTLEMENT AGGLOMERATIONS DURING THE 3RD MILLENIUM**  
Schlicht, Jan-Eric - Hinz, Martin (Institut für Ur- und Frühgeschichte CAU Kiel)
- 11:30 DISCUSSION SLOT**
- 11:45 REDISCOVERING THE OLDEST BURIAL MOUNDS OF NORTHERN POLAND. THE ONGOING REVOLUTION**  
Pospieszny, Lukasz - Jakubczak, Michal (Institute of Archaeology and Ethnology, Polish Academy of Sciences) - Kiarszys, Grzegorz (Department of Archaeology, Szczecin University)
- 12:00 EARLY NEOLITHIC FUNERARY MONUMENTALISM IN BRITAIN AND IRELAND: THE CONTINENTAL CONNECTION**  
Scarre, Chris (Durham University)

**12:15 A NARRATIVE FOR SCOTTISH NEOLITHIC MONUMENTS**

Sheridan, Alison (Dept. Scottish History & Archaeology)

**12:30 LIFE BY THE LAKE, DEATH IN A DOLMEN?**

Verdonkschot, Jadranka (Universität Tübingen; Universidad de Alcalá) - López-López, Adara (FPU-MECD Research Fellow, University of Alcalá)

**14:00 STONES AS BOUNDARIES – STONES AS MARKERS**

Larsson, Lars (Department of Archaeology and Ancient History)

**14:15 HUNDREDS OF MEGALITHIC MONUMENTS = FULL NEOLITHIC WAY OF LIFE? THE ESTABLISHMENT OF NEOLITHIC SOCIETIES ON RÜGEN ISLAND, GERMANY**

Behrens, Anja (German Archaeological Institute)

**14:30 COMPLEXITY OF MEGALITHIC LANDSCAPES: THE ROLE OF CLUSTERING OF MONUMENTS IN EARLY NEOLITHIC SOCIETY**

Gebauer, Anne Birgitte (National Museum of Denmark, Copenhagen)

**14:45 DISCUSSION SLOT****15:00 THE NEOLITHIC ROUNDEL AND ITS SOCIAL CONTEXT ON THE FARTHEST REACHES OF THE DANUBIAN WORLD**

Czerniak, Lech (Institute of Archaeology and Ethnology, University of Gdansk) - Dziewanowski, Marcin (Institute of Archaeology, University of Poznań) - Matuszewska, Agnieszka (Department of Archaeology, University of Szczecin) - Pospieszny, Łukasz - Jakubczak, Michał (Institute of Archaeology and Ethnology, Polish Academy of Sciences) - Szubski, Michał (Institute of Archaeology, Cardinal Stefan Wyszyński University in Warsaw)

**15:15 CONNECTED STORIES IN THE NEOLITHIC, NORTH OF PORTUGAL. THE WALLED ENCLOSURES AND THEIR RELATIONSHIPS WITH THE GENEALOGY OF THE LANDSCAPE**

Vale, Ana - Sanches, Maria Jesus (University of Porto - CITCEM)

**15:30 STORY STRUCTURES AND SUSTAINABILITY IN LATE NEOLITHIC MALTA: EXCAVATIONS AT THE SANTA VERNA MEGALITHIC SITE, GOZO**

Parkinson, Eóin - Stoddart, Simon (University of Cambridge) - Malone, Caroline - Brogan, Catriona - McLaughlin, Rowan (Queen's University Belfast)

**15:45 KAPELLENBERG – A YOUNG NEOLITHIC HILLTOP ENCLOSURE IN WESTERN CENTRAL GERMANY**

Gronenborn, Detlef (Roemisch-Germanisches Zentralmuseum, Mainz; Johannes-Gutenberg University, Mainz)

**16:30 DORSTONE HILL: A MONUMENTAL NARRATIVE**

Thomas, Julian (Archaeology, SALC, Mansfield Cooper Building)



**16:45 BUILDING A SOCIAL STRUCTURE: ENCLOSURES' ROLE IN SHAPING THE EARLY NEOLITHIC SOCIETY. A NORTHERN PERSPECTIVE**

Torring, Tobias (Museum of Southwest Jutland)

**17:00 THE LIVING AND THE DEAD - THE MONUMENTAL LANDSCAPE OF SOUTHWESTERN SCANIA, SOUTHERN SWEDEN**

Andersson, Magnus - Artursson, Magnus (The Archaeologists National Historical Museum)

**17:15 DISCUSSION SLOT****17:30 DISCUSSION OF THE SESSION: BUILDING STORY STRUCTURES - EARLY MONUMENTALISM IN NEOLITHIC EUROPE**

Gebauer, Anne Birgitte (Danish National Museum) - Sorensen, Lasse (National Museum of Denmark, Copenhagen) - Teather, Anne (UCL Institute of Archaeology) - Valera, Antonio Carlos (NIA - ERA Arqueologia S.A., Archaeological Research Department)

**17:45 DISCUSSION SLOT****POSTERS****a. THE NEVER-ENDING WHY - THEORIES ON NEOLITHIC MONUMENTALITY**

Brinkmann, Johanna (Institute for Pre- and Protohistoric Archaeology, Christian-Albrechts-Universität zu Kiel; CRC 1266 - Scales of Transformation)

**b. FIRST MONUMENTALITY IN WESTERN EUROPE: THE 5TH MILLENNIUM CEMETERY OF FLEURY-SUR-ORNE (NORMANDY)**

Chambon, Philippe (CNRS; UMR 7206) - Ghesquière, Emmanuel (Inrap; UMR 6566) - Giazzon, David (Inrap) - Thevenet, Corinne (Inrap; UMR 8215) - Thomas, Aline (MNHN; UMR 7206)

**519 MEDITERRANEAN CULTURAL DIFFUSION IN PREHISTORY**

**ROOM:** UB206

**TIME:** 8:30 - 10:30

**THEME:** Mediterranean seascapes

**FORMAT:** Regular session

**ORGANISERS:** Templer, Michael (University of Neuchâtel) - Polcaro, Andrea (University of Perugia)

**ABSTRACTS****8:30 INDIRECT AND NOT-SO-INDIRECT EVIDENCE FOR PRE-NEOLITHIC NAVIGATION IN THE MEDITERRANEAN BASIN**

Templer, Michael (University of Neuchâtel)

- 8:45 TRANSVERSE GROOVED STONES AS MARKERS OF ANCIENT PATHWAYS IN EURASIA (PROTO-NEOLITHIC TO EARLY BRONZE AGE)**  
Usacheva, Irina (Tyumen Scientific Centre of Siberian Branch of the Russian Academy of Sciences)
- 9:00 EVOLUTION OF NAUTICAL AND SAILING KNOWLEDGE AND TECHNIQUES IN THE EASTERN MEDITERRANEAN BETWEEN THE 4TH AND THE 2ND MILLENNIA BC**  
Polcaro, Andrea (Perugia University)
- 9:15 SACRED AREAS IN THE MEDITERRANEAN BASIN: THE MAIN SANCTUARIES FROM THE 4TH MILLENNIUM BC**  
Caselli, Alessandra (Sapienza University of Rome)
- 9:30 ALONG THE SHORELINE. WAYS OF CONNECTION BETWEEN THE LEVANTINE COAST AND THE EASTERN MEDITERRANEAN DURING THE EARLY BRONZE AGE**  
Casadei, Eloisa (Sapienza University of Rome)
- 9:45 THE GROTTA DELLE VENERI (APULIA, ITALY): A LONG-TERM EVIDENCE OF CULTURAL CONNECTIONS**  
Giardino, Claudio - Tiberi, Ida (University of Salento)
- 10:00 CIRCULATION OF GOODS, CIRCULATION OF IDEAS: PERSPECTIVES FROM COPPER AGE CAMPANIA, SOUTHERN ITALY**  
De Falco, Maria (Durham University) - Aurino, Paola (Università degli Studi di Napoli ,L'Orientale'; Soprintendenza Archeologia, Belle Arti e Paesaggio per l'area metropolitana di Napoli)
- 10:15 DISCUSSION SLOT**

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## 520 ARCHAOMETALLURGY IN THE 21ST CENTURY

**ROOM:** CCCB-1A

**TIME:** 8:30 - 16:00

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Regular session

**ORGANISERS:** Rose, Thomas (Institute for Geosciences, Goethe University Frankfurt) - Salzmann, Eveline (Institute for Geosciences, Goethe University Frankfurt) - Birch, Thomas (UrbNet, Aarhus University) - Odler, Martin (Czech Institute of Egyptology, Faculty of Arts, Charles University, Prague)

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### ABSTRACTS

- 8:30 RECENT DEVELOPMENTS IN ARCHAOMETALLURGY**  
Salzmann, Eveline (Deutsches Bergbau-Museum Bochum) - Rose, Thomas (Goethe University Frankfurt) - Birch, Thomas (Centre for Urban Network Evolution - Urbnet, Aarhus University) - Odler, Martin (Charles University, Prague)

- 8:45 AN AWFUL LOT OF NUMBERS - THE BENEFITS OF DOING LARGE NUMBERS OF ANALYSES**  
Jouttijarvi, Arne (Heimdal-archaeometry)
- 9:00 BETWEEN THE RIVERS: A GIS-BASED DATABASE OF METAL DEPOSITS, MINING, AND CONSUMPTION AREAS OF THE EARLY BRONZE AGE NEAR EAST**  
Salzmann, Eveline - Hauptmann, Andreas - Klein, Sabine (Deutsches Bergbau-Museum Bochum)
- 9:15 COMPARING LEAD ISOTOPE DATA OF METAL ARTEFACTS WITH THE ARCHAEOLOGICAL EVIDENCE - RECONSTRUCTING EARLY BRONZE AGE NETWORKS TO SCANDINAVIA**  
Noergaard, Heide - Vandkilde, Helle (Aarhus University, Dep. Culture and Society) - Pernicka, Ernst (Curt-Engelhorn-Zentrum für Archaeometrie, Mannheim)
- 9:30 THE INTERPRETATION OF LEAD ISOTOPES. CASE STUDY OF BRONZE AGE COPPER ALLOY ARTEFACTS FROM COLLECTION OF THE EGYPTIAN MUSEUM OF LEIPZIG UNIVERSITY**  
Odler, Martin (Czech Institute of Egyptology, Faculty of Arts, Charles University, Prague) - Kmošek, Jiří (Department of Chemical Technology, Faculty of Restoration, University of Pardubice) - Fikrle, Marek (Nuclear Physics Institute, Academy of Sciences of the Czech Republic) - Kochergina, Yulia (Czech Geological Survey)
- 9:45 TRACKING NATURAL AND ANTHROPOGENIC PB EXPOSURE TO ITS GEOLOGICAL SOURCE**  
Evans, Jane (NIGL, British Geological Survey; Department of Archaeology, Nottingham University; Department of Archaeology, Leicester University) - Pashley, Vanessa (NIGL, British Geological Survey) - Madgwick, Richard (School of History, Archaeology and Religion, Cardiff University) - Neil, Samantha (Department of Archaeology, Durham University) - Chenery, Carolyn (NIGL, British Geological Survey)
- 10:00 DISCUSSION SLOT**
- 11:00 OF RISING TIDES, SINKING BOATS, AND THE BIRTH OF THE METALLURGIST-ARCHAEOLOGIST: A WEAR ANALYSIS PERSPECTIVE**  
Dolfini, Andrea (School of History, Classics and Archaeology)
- 11:15 THE BRONZE AGE SICKLES. RESEARCH ON THE IMPACT OF THE PRODUCTION AND SURFACE PREPARATION ON THE MICROSTRUCTURE OF THE OBJECTS**  
Nowak, Kamil - Baron, Justyna (Institute of Archaeology University of Wrocław) - Puziewicz, Jacek - Ziobro, Małgorzata (Institute of Geological Sciences University of Wrocław)
- 11:30 THE LUBNOWY WIELKIE HOARD: ARCHAOMETALLURGY AS A MEANS OF UNDERSTANDING THE PHENOMENON OF BRONZE DEPOSITS IN THE LATE BRONZE AGE**  
Maciejewski, Marcin - Miazga, Beata (Institute of Archaeology University of Wrocław) - Kosiński, Tymoteusz (National Centre for Nuclear Research) - Szczepański, Łukasz (Museum in Ostróda)

- 11:45 LIFE CYCLES OF METALS AND PEOPLE IN THE IRON AGE - SOURCING AND RECYCLING OF COPPER BASED ALLOYS**  
Danielisova, Alzbeta (AU - Institute of Archaeology of the Academy of Sciences of the Czech Republic)- Bursak, Daniel (AU - Institute of Archaeology of the Academy of Sciences of the Czech Republic; The City of Prague Museum)
- 12:00 A COMPOSITIONAL STUDY OF CYPRIOT COPPER ALLOY ARTEFACTS DATING TO THE MIDDLE BRONZE AGE USING PORTABLE XRF SPECTROSCOPY**  
Charalambous, Andreas (Archaeological Research Unit, University of Cyprus)
- 12:15 WHAT TO EXPECT FROM TIN ISOTOPES? POSSIBILITIES AND CONSTRAINTS FOR TIN PROVENANCE RESEARCH BASED ON EXPERIMENTS AND ANALYTICAL DATA**  
Berger, Daniel - Brüggmann, Gerhard (Curt-Engelhorn-Zentrum Archäometrie Mannheim) - Pernicka, Ernst (Curt-Engelhorn-Zentrum Archäometrie Mannheim; Institut für Geowissenschaften, Ruprecht-Karls-Universität Heidelberg) - Marahrens, Janeta (Curt-Engelhorn-Zentrum Archäometrie Mannheim)
- 12:30 COUPLED TIN AND LEAD ISOTOPIC COMPOSITIONS IN „APA-TYPE” SWORDS FROM APA, HAJDÚSÁMSON, NEBRA AND JUTLAND**  
Brüggmann, Gerhard - Berger, Daniel (Curt-Engelhorn-Zentrum Archäometrie Mannheim) - Nessel, Bianka (Institut für Geowissenschaften, Universität Heidelberg) - Pernicka, Ernst (Institut für Geowissenschaften, Universität Heidelberg; Curt-Engelhorn-Zentrum Archäometrie Mannheim)
- 12:45 DISCUSSION SLOT**
- 14:00 21ST CENTURY RESEARCH AGENDA FOR IRON ARCHAEOLOGICAL METALLURGY**  
Godfrey, Evelyne (Uffington Heritage Watch)
- 14:15 PROVENANCING IRON ARTEFACTS WITH IRON ISOTOPES: NEW INSIGHTS FROM BOG IRON ORES**  
Rose, Thomas (Institut für Geowissenschaften, Goethe Universität Frankfurt) - Télouk, Philippe (ENS-Lyon, Université Lyon) - Marschall, Horst (Institut für Geowissenschaften, Goethe Universität Frankfurt) - Klein, Sabine (Forschungsbereich Archäometallurgie, Deutsches Bergbau-Museum Bochum)
- 14:30 METALLURGY IN THE EASTERN IBERIAN PENINSULA DURING THE LATE IRON AGE (3RD - 1ST CENTURIES BC)**  
Quixal Santos, David (University of Valencia)
- 14:45 STUDYING MEDIEVAL RUSSIAN ENCOLPIO CROSSES OF THE 12TH-16TH CENTURIES AD BASED ON NEUTRON AND SYNCHROTRON RADIATION**  
Greshnikov, Eduard - Govor, L. (National Research Centre “Kurchatov Institute”) - Zaytseva, Irina (Institute of Archaeology Russian Academy of Sciences) - Kovalenko, E. - Kurkin, V. - Murashev, M. - Podurets, K. - Blagov, A. - Yatsishina, E. - Glazkov, V. (National Research Centre “Kurchatov Institute”)

**15:00 SOLID STATE ELECTROCHEMISTRY: A NEW ANALYTICAL TOOL FOR STUDYING ARCHAEOLOGICAL METAL**

Melchor Monserrat, Jose (Museo Arqueologico Burriana) - Doménech-Carbó, Antonio (Department of Analytical Chemistry, University of Valencia) - Doménech-Carbó, Maria Teresa (Institut de Restauració del Patrimoni, Universitat Politècnica de València) - Piquero-Cilla, Joan - Montoya-Dura, Noemi (Department of Analytical Chemistry, University of Valencia) - Pasies-Oviedo, Trinidad (Museo de Prehistoria de Valencia)

**15:15 SHAPING THE DISCIPLINE OF ARCHAEOMETALLURGY**

Lauridsen, Line - Hoggard, Christian Steven (Aarhus University) - Birch, Thomas (Aarhus University; Centre for Urban Network Evolutions - UrbNet)

**15:30 DISCUSSION SLOT**


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**522 THE MAKING OF ADRIATIC AND IONIAN SEASCAPES. INTERPRETING SEABORNE SOCIAL AND ECONOMIC INTERACTIONS DURING LATE PREHISTORY**

**ROOM:** UB221

**TIME:** 14:00 - 17:30

**THEME:** Mediterranean seascapes

**FORMAT:** Regular session

**ORGANISERS:** Gori, Maja (Ruhr-University Bochum) - Recchia, Giulia (University of Foggia)

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**ABSTRACTS**
**14:00 THE POTENTIAL AND CHALLENGES OF NETWORK SCIENCE FOR THE STUDY OF ANCIENT MARITIME CONNECTIVITY**

Brughmans, Tom (School of Archaeology, University of Oxford)

**14:15 SOCIAL NETWORKS DURING THE LATE BRONZE AGE AT THE GATES OF EUROPE**

Iacono, Francesco (McDonald Institute for Archaeological Research, University of Cambridge)

**14:30 NETWORKING ACROSS THE ADRIATIC IN LATER PREHISTORY: UNDERSTANDING CHANGING MODES AND PURPOSES OF LONG-TERM CROSS-CULTURAL INTERACTIONS**

Recchia, Giulia (University of Foggia, Department of Humanities) - Cazzella, Alberto (,Sapienza' University, Rome, Department of Antiquities)

**14:45 MIGRATION IN THE CETINA PHENOMENON (?): AN AGENT-BASED PERSPECTIVE**

Gori, Maja - Schaff, Frederik (Ruhr University Bochum)

**15:00 A GIS-BASED APPROACH TO MARITIME MOBILITY AND CONTROL ALONG THE IONIAN AND ADRIATIC COASTS IN THE BRONZE- AND IRON AGE**

Aslaksen, Ole Christian (University of Gothenburg)

- 15:15 NORTHERN ADRIATIC COMMUNITIES AND THEIR NEIGHBOURS THROUGH TIME: A DIACHRONIC PATTERN OF INTERACTION**  
Borgna, Elisabetta - Corazza, Susi - Simeoni, Giulio (Dipartimento di Studi Umanistici e del Patrimonio Culturale)
- 15:30 RETHINKING NETWORKS THROUGH THE KINSHIP DYNAMICS IN LATE PREHISTORIC SOUTHERN ILLYRIA**  
Agolli, Esmeralda (Department of Archaeology and Culture Heritage)
- 15:45 DISCUSSION SLOT**
- 16:30 DYNAMICS OF INTERACTIONS AND EXCHANGE IN THE SOUTHERN APULIA DURING THE IRON AGE**  
Saponara, Antonella (Independent Researcher) - Semeraro, Grazia (University of Salento)
- 16:45 EXCHANGING IDEAS: THE SOCIAL IMPLICATIONS OF NETWORKS OF INTERACTION IN THE ADRIATIC AND IONIAN REGIONS**  
Rom, Iris (University of Groningen)
- 17:00 DISCUSSION SLOT**

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## 527 WATER MENTALITIES. ARCHAEOLOGICAL CLUES TO CHANGES IN WATER MANAGEMENT DURING THE MIDDLE AGES

**ROOM:** UB306

**TIME:** 8:30 - 10:30

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Meier, Thomas (University of Heidelberg, Heidelberg Center for the Environment; University of Heidelberg, Institute for Pre- and Protohistory and Near Eastern Archaeology) - Retamero Serralvo, Fèlix (Universitat Autònoma de Barcelona, Departament de Ciències de l'Antiguitat i l'Edat Mitjana; Universitat Autònoma de Barcelona, SGR Arqueologia agrària de l'Edat Mitjana - ARAEM)

### ABSTRACTS

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- 8:30 WATER MENTALITIES - AN INTRODUCTION**  
Meier, Thomas (University of Heidelberg, Institute for Pre- and Protohistory and Near Eastern Archaeology; Heidelberg Center for the Environment)
- 8:45 LONG-TERM WATER MANAGEMENT IN THE MIDDEN-DELFLAND REGION, WESTERN NETHERLANDS**  
Flamman, Jeroen (Vestigia Archeologie & Cultuurhistorie)
- 9:00 DISCUSSION SLOT**

**9:15 WATER SUPPLY AND SEWAGE NETWORK IN SIXTEENTH CENTURY LISBON: DRAWING THE RENAISSANCE CITY**

Teixeira, Andre - Banha da Silva, Rodrigo (FCSH/NOVA)

**9:30 PRE-INDUSTRIAL WATER MANAGEMENT IN FLEMISH METROPOLI: DRAWING FROM ARCHAEOLOGICAL WATER FACILITIES**

van Oosten, Roos (Leiden University)

**9:45 DISCUSSION SLOT****POSTERS****a. THE RELEVANCE OF THE REC COMTAL IN BARCELONA: ANALYSIS OF THE SECTION PRESERVED IN THE ARCHEOLOGICAL SITE OF EL BORN CCM**

Fernandez Espinosa, Antoni (El Born CCM - collaborating archaeologist) - Miró Alaix, Carme (Servei d'Arqueologia de Barcelona. Institut de Cultura de Barcelona. Ajuntament de Barcelona)

**b. ARCHAEOLOGICAL SURVEY ON A WATERMILL IN IBIZA (BALEARIC ISLANDS, SPAIN)**

Graziani, Glenda - Ferrer, Antoni - Kirchner, Helena (Universitat Autònoma de Barcelona) Peinetti, Alessandro (Laboratoire Archéologie des Sociétés Méditerranéennes, UMR 5140 - CNRS, Univ. Paul Valéry Montpellier 3, MCC; LabEx Archimede; Università di Bologna) - Wattez, Julia (INRAP) - Bronzoni, Lorenza (AR/S Archeosistemi soc. coop.)

**535 FROM PUBLIC ARCHAEOLOGY TO PUBLIC HUMANITIES: TIME FOR A MORE TRANSDISCIPLINARY APPROACH?**

ROOM: UB206

TIME: 11:00 - 16:00

THEME: Archaeology and the European Year of Cultural Heritage

FORMAT: Regular session

ORGANISERS: Oldham, Mark (Norwegian Institute for Cultural Heritage Research) - Moltubakk Kemp-ton, Hanne (Norwegian Institute for Cultural Heritage Research) - Beck, Anna (Museum Southeastern Denmark)

**ABSTRACTS****11:00 A REFLEXIVE APPROACH OF THE RESULTS OF THE EUROPEAN NSEARCH PROJECT - NEW SCENARIOS FOR A COMMUNITY-INVOLVED ARCHAEOLOGY**

Marx, Amala - Salas Rossenbach, Kai (INRAP - National Institute for Preventive Archaeological Research)

**11:15 BUILDING LOCAL ENGAGEMENT: A COLLABORATIVE EXHIBITION AT ANCIENT NEMEA**

Langridge-Noti, Elizabeth (American College of Greece; Nemea Center for Classical Archaeology, UC Berkeley) - Shelton, Kim (University of California, Berkeley; Nemea Center for Classical Archaeology, UC Berkeley)

- 11:30 COMMUNITY HERITAGE SCOTLAND – STARTING A WIDER CONVERSATION**  
MacGregor, Gavin (Northlight Heritage) - Gillies, Catherine - Patel, Robin - Tunnicliffe, Anne (Ergadia Museums and Heritage)
- 11:45 REVEALING HISTORY TOGETHER / THREE PART TIME TEAM**  
Søndergaard, Louise (Museum Skanderborg)
- 12:00 HERITAGE ETHNOGRAPHIES: RE-VISITING THEORIES AND METHODOLOGIES TO EXPLORE CONTEMPORARY ARCHAEOLOGY AND SOCIAL IMPACT IN BARCELONA'S GOTHIC NEIGHBORHOOD**  
Pastor Perez, Ana (University of Barcelona) - Ruiz Martinez, Apen (UIC-IES - Universitat Internacional de Catalunya-International Education of Students)
- 12:15 COLLABORATING ON THE COAST: MAKING HERITAGE FOR THE FUTURE AT ORFORD NESS**  
Band, Lara (CITiZAN; MOLA) - Bartolini, Nadia (University of Exeter)
- 12:30 THE EGTVED GIRL'S TALE – A PERSONAL NARRATIVE TO A DISTANT PAST**  
Felding, Louise (VejleMuseerne; Aarhus University)
- 12:45 DISCUSSION SLOT**
- 14:00 CREATIVE INTERVENTIONS IN ARCHAEOLOGY: EXPERIMENTS IN FACILITATING COLLABORATION BETWEEN ARTISTS AND ARCHAEOLOGISTS**  
Hannis, Jodie (University of Leicester)
- 14:15 OSLO MASONRY CITY: CREATING A TRULY TRANSDISCIPLINARY ARENA**  
Kempton, Hanne (NIKU - Norwegian Institute for Cultural Heritage Research)
- 14:30 FEEDBACK BETWEEN ACADEMIC AND COMMERCIAL ARCHAEOLOGY. RESEARCH AND PUBLIC ENGAGEMENT MODELS**  
Sancho, Marta - Soler, Maria (Universitat de Barcelona; Institut de Recerca en Cultures Medievals) - Alegría, Walter (Walvia)
- 14:45 FULFILLING OBJECTIVE (A): EASIER SAID THAN DONE?**  
Oldham, Mark (NIKU - Norwegian Institute for Cultural Heritage Research)
- 15:00 “ONCE UPON A TIME AGO” - AN INTERDISCIPLINARY COLLABORATION BETWEEN ARCHAEOLOGY, MUSEOLOGY AND PEDAGOGY**  
Toftdal, Mia - Kirk, Sidsel (Museum of Copenhagen) - Pécseli, Benedicta (University Collage Capital)
- 15:15 CULTURAL-EXPERIENCES FOR AND WITH CITIZENS – ESCAPE AND REBUILDING THE ABBEY**  
Mollerup, Lene - Høst-Madsen, Lene (Museum Skanderborg) - Bangsbo Dissing, Nina (Skanderborg Kommune) - Purup, Marianne (Visit Skanderborg)
- 15:30 DISCUSSION SLOT**



## 540 APPROACHES TO MEDIEVAL BUILDINGS: THE PAST, PRESENT, AND FUTURE OF INTERPRETATION AND MANAGEMENT

ROOM: MAC-AUDITORIUM

TIME: 8:30 - 18:00

THEME: The archaeology of material culture, bodies and landscapes

FORMAT: Regular session

ORGANISERS: Huggon, Martin (Bishop Grosseteste University, Lincoln) - Kerr, Sarah (Trinity College Dublin) - Berryman, Duncan (Queen's University Belfast) - Bouwmeester, Jeroen (Cultural Heritage Agency, the Netherlands)



### ABSTRACTS

#### 8:30 APPROACHES TO MEDIEVAL BUILDINGS: THE PAST, PRESENT, AND FUTURE OF INTERPRETATION AND MANAGEMENT

Huggon, Martin (Bishop Grosseteste University, Lincoln; University of Sheffield)

#### 8:45 WHO SETS THE AGENDA? MEDIEVAL BUILDINGS IN RESEARCH, HERITAGE MANAGEMENT AND AS PRESENTATIONS OF THE PAST AT PRESENT

Seppanen, Liisa (University of Turku)

#### 9:00 VERNACULAR ARCHITECTURE AND ARCHAEOLOGY: PROPOSALS FOR RESEARCH AND ITS PRESERVATION

Rodríguez-Pérez, Santiago - López-Gómez, Pablo (Llabor - Laboratorio rural de historia, paisaje y patrimonio)

#### 9:15 DISCUSSION SLOT

#### 9:30 BUILDING ARCHAEOLOGY TO IMPROVE THE INTERPRETATION AND MANAGEMENT OF THE FORTIFIED COMPLEX OF MOLINA DE ARAGÓN (GUADALAJARA)

Montero, Andrea (University of Jaén) - Martínez, Cristina - García-Contreras, Guillermo (University of Granada)

#### 9:45 THE CASTLE OF MONTSORIU, A CASE OF SUCCESS IN THE RECOVERY OF MEDIEVAL HERITAGE

Tura, Jordi - Pujadas, Sandra - Mateu, Joaquim (Museu Etnològic del Montseny) - Llorens, Josep M. (Museu d'Arqueologia de Catalunya - Girona) - Font, Gemma (Museu Etnològic del Montseny)

#### 10:00 DISCUSSION SLOT

#### 11:00 TOURISM DRIVEN CONSERVATION IN NORTHERN IRELAND: BUT IS EVERYONE ON BOARD?

Patrick, Laura (Queen's University Belfast)

#### 11:15 I'M STILL STANDING AFTER ALL THIS TIME: THE SURVIVAL OF MEDIEVAL BARNs TO THE PRESENT DAY

Berryman, Duncan (Queen's University Belfast)

**11:30 TOWERS OF BURJASSÈNIA AND PRIOR: FROM TURRIS/MANSUM TO A PRIVATE HOUSE OR HOTEL**

Mateu, Marina - Closa, Ariadna (Universitat Autònoma de Barcelona)

**11:45 DISCUSSION SLOT****12:00 INTERDISCIPLINARY RESEARCH ON AN UNSUNG MATERIAL IN THE MEDIEVAL AND POST-MEDIEVAL ECONOMY: THE ROOFING PLANKS**

Labbas, Vincent (CNRS, LA3M UMR 7298 CNRS – Aix Marseille Université) - Burri, Sylvain (CNRS, TRACES UMR 5608 CNRS - Université Toulouse Jean Jaurès) - Bernardi, Philippe (CNRS, researcher, LAMOP UMR 8589 CNRS – Université Paris 1 Panthéon-Sorbonne)

**12:15 UNDERSTANDING A BRICK AND STONE-BRICK BUILDINGS WITH APPLYING THERMOLUMINESCENCE AND OPTICALLY STIMULATED LUMINESCENCE DATING**

Ginter, Artur (Institute of Archaeology, University of Lodz)

**12:30 DISCUSSION SLOT****14:00 SPATIAL ANALYSIS OF THE LATE MEDIEVAL TOWER-HOUSES OF BRITAIN AND IRELAND**

O'Mahony, Michael (Queen's University Belfast)

**14:15 MEDIEVAL AND POST-MEDIEVAL CLERGY HOUSES IN FLANDERS, BUILT TO ORDER OR TURNKEY PROJECTS?**

Marchal, Clémence (Independent researcher)

**14:30 BUILDING FOR ETERNITY? EARLY TUFF BRICK BUILDINGS IN URBAN CONTEXT IN THE NETHERLANDS**

Bouwmeester, Jeroen (Cultural Heritage Agency of the Netherlands)

**14:45 DISCUSSION SLOT****15:00 AMBITION AND ARCHITECTURE: IDENTITIES IN MEDIEVAL LODGING RANGES**

Kerr, Sarah (Trinity College Dublin)

**15:15 HOUSE SOCIETIES AND THE EUROPEAN MILITARY ELITE: CHANGES IN CASTLE DESIGN SEEN THROUGH A HOUSE SOCIETY MODEL**

Kirk, Scott (University of New Mexico)

**15:30 CASTRA TERRAE CULMENSIS. NEW SOURCES FOR THE DEFENSE ARCHITECTURE OF THE TEUTONIC KNIGHTS**

Wiewióra, Marcin (Nicolaus Copernicus University in Torun, Institute of Archaeology) - Wasik, Bogusz (Nicolaus Copernicus University)

**15:45 DISCUSSION SLOT****16:30 BUILDING IN THE NEAR EAST BETWEEN LATE ANTIQUITY AND THE EARLY MIDDLE AGES: THE CASE OF THE JORDANIAN HAWRĀN**

Gilento, Piero (Universite Paris 1 - Panthéon Sorbonne)

**16:45 URBANIZATION PROCESSES BEFORE DE CONSTRUCTION OF THE 14TH CENTURY WALL. THE CASE OF CARDONA, BARCELONA**

Pancorbo, Ainhoa (City Council of Cardona) - Galera, Andreu (City Council of Cardona; Historical Archive of Cardona)

**17:00 JEWS' COURT, LINCOLN. A PROPOSED NEW METHODOLOGICAL APPROACH EXAMINING THE INTEGRATION OF THE ANGLO-JEWISH COMMUNITY IN THE MEDIEVAL URBAN SPACE**

Robinson Wild, Esther (University of York)

**17:15 DISCUSSION SLOT**

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**555 USING CIDOC CRM FOR ARCHAEOLOGISTS: FROM THEORY TO CONCRETE PRACTICES**

ROOM: UB206

TIME: 16:30 - 18:30

THEME: Theories and methods in archaeological sciences

FORMAT: Other - combination of regular session and workshop

ORGANISERS: Tuffery, Christophe (Inrap) - Bruseker, George (ICS/Foundation for Research and Technology)

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**ABSTRACTS**

**16:30 MIGRATING INFORMATION FROM IRANIAN EXCAVATION REPORTS: COMPARING SEMANTIC MARK-UP TO INFORMATION EXTRACTION**

Eide, Øyvind (Digital Humanities - Historisch-Kulturwissenschaftliche Informationsverarbeitung, Universität zu Köln) - Niknia, Massoomeh (Kharazmi University, Tehran; University of Cologne)

**16:45 USING CIDOC CRM AND COMPATIBLE MODELS TO EXPRESS SPATIAL AND TEMPORAL DATA: FROM PRINCIPLE TO PRACTICE**

Van Ruymbeke, Muriel (ULg Library, University of Liege) - Nys, Gilles-Antoine (Geomatics Unit, University of Liege) - Hallot, Pierre (DIVA - Faculty of Architecture, University of Liege) - Billen, Roland (Geomatics Unit, University of Liege)

**17:00 CIDOC CRM AND CRMARCHAEO: A VISION OF USE FOR THE „FUTURE“**

Stead, Stephen (Paveprime Ltd; Southampton University ACRG)

**17:15 INTEROPERABILITY AND USE OF THE INRAP'S DATABASES THROUGH THE UTILIZATION OF EXTENSIONS OF THE CIDOC-CRM ONTOLOGY (CRMARCHAEO, CRMGEO)**

Le Goff, Emeline - Tuffery, Christophe (INRAP - National Institute for Preventive Archaeological Research)

**17:30 FAIR SURVEYS: FROM PILOT STUDY TO IMPLEMENTATION**

van Leusen, Martijn (University of Groningen) - Haas, Tymon (University of Cologne)

- 17:45 AN OUTSIDER'S PERSPECTIVE ON THE ARCHAEOLOGICAL POTENTIAL OF CIDOC CRM**  
Ozturk, Huseyin (ASCSA; College Year in Athens)
- 18:00 DISCUSSION SLOT**

## 557 GEOARCHAEOLOGY OF BRONZE AGE EUROPE

**ROOM:** UB310

**TIME:** 8:30 - 16:00

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Regular session

**ORGANISERS:** Nicosia, Cristiano (Università di Padova, Italy) - Ayala, Gianna (University of Sheffield) - Dreibrödt, Stefan (Institute for Ecosystem Research/CRC1266, University of Kiel) - Niebieszczański, Jakub (Laboratory of Mediterranean Bronze Age Archaeology, Institute of Archaeology, Adam Mickiewicz University, Poznań) - Pető, Ákos (Institute of Nature Conservation and Landscape Management, Faculty of Agricultural and Environmental Sciences, Szent István University)

### ABSTRACTS

- 8:30 GEOARCHAEOLOGICAL RECORD OF THE BARROWS STRUCTURE OF THE KOMAROV CULTURE (BRONZE AGE) AND POST-DEPOSITIONAL PROCESSES IN BUKIVNA (WEST UKRAINE)**  
Hildebrandt-Radke, Iwona - Makarowicz, Przemyslaw (Adam Mickiewicz University) - Matwii-shina, Zhanna Nikolaeвна (National Academy of Sciences of Ukraine)
- 8:45 WASTE-DISPOSAL AT THE MBA FORTIFIED SETTLEMENT KAKUCS-TURJÁN MÖGÖTT: INTERGRATING PHYTOLITHS AND MACROBOTANICAL STUDIES**  
Peto, Ákos (Szent István University, Institute of Nature Conservation and Landscape Ecology) - Filatova, Sonja - Kirleis, Wiebke (Kiel University, Institute for Pre- and Protohistoric Archaeology)
- 9:00 MICROMORPHOLOGY OF RITUAL. GEOARCHAEOLOGICAL STUDIES OF A CREMATION URN AND ACCOMPANYING VESSEL OF THE LUSATIAN CULTURE**  
Krupski, Mateusz (Archeolodzy.org Foundation; Institute of Archaeology, University of Wrocław) - Hałuszko, Agata (Archeolodzy.org Foundation) - Sady, Agata (Archaeology Department, Silesian Museum) - Malkiewicz, Małgorzata (Institute of Geological Sciences, University of Wrocław) - Grześkowiak, Marek (Institute of Archaeology, University of Wrocław)
- 9:15 SEDIMENTOLOGICAL INVESTIGATIONS OF A BRONZE AGE HOUSE: A GEOARCHAEOLOGICAL STUDY OF A HOUSE STRUCTURE IN KAKUCS-TURJÁN MÖGÖTT (HUNGARY)**  
Niebieszczański, Jakub (Adam Mickiewicz University in Poznań) - Pető, Ákos (Szent István University, Gödöllő) - Hildebrandt-Radke, Iwona (Adam Mickiewicz University in Poznań) - Serlegi, Gábor (Hungarian Academy of Sciences) - Jaeger, Mateusz (Adam Mickiewicz University in Poznań) - Kulcsár, Gabriella (Hungarian Academy of Sciences) - Staniuk, Robert - Taylor, Nicole (Kiel University) - Galas, Joanna (Adam Mickiewicz University in Poznań)

**9:30 FOUR POSTDEPOSITIONAL PROCESSES IN THE BRONZE AGE TELL BORSODIVÁNKA-NAGYHALOM, (HUNGARY) AND THEIR GEOARCHAEOLOGICAL AND ARCHAEOLOGICAL IMPLICATIONS**

Röpke, Astrid (Ur- und Frühgeschichte, Universität zu Köln) - Pusztainé Fischl, Klára (Miskolci Egyetem) - Kienlin, Tobias (Ur- und Frühgeschichte, Universität zu Köln)

**9:45 GEOARCHAEOLOGICAL OBSERVATIONS AT THE MBA SITES OF THE DANUBE-TISZA INTERFLUVE (HUNGARY)**

Peto, Ákos (Szent István University, Institute of Nature Conservation and Landscape Ecology, Gödöllő) - Serlegi, Gábor (Hungarian Academy of Sciences, Research Centre for Humanities, Institute of Archaeology, Budapest) - Niebieszczański, Jakub (Adam Mickiewicz University, Institute of European Culture, Poznań) - Jaeger, Mateusz (Adam Mickiewicz University, Institute of Archaeology, Poznań) - Molnár, Marianna (Szent István University, Institute of Nature Conservation and Landscape Ecology, Gödöllő) - Kulcsár, Gabriella (Hungarian Academy of Sciences, Research Centre for Humanities, Institute of Archaeology, Budapest)

**10:00 GEOARCHAEOLOGICAL INVESTIGATION OF TELL SITE NEA RAEDESTOS TOUMBA IN ANTHEMUS VALLEY (NORTHERN GREECE): LANDSCAPE CHANGES ON AN ALLUVIAL PLAIN**

Niebieszczański, Jakub - Hildebrandt-Radke, Iwona (Adam Mickiewicz University in Poznań) - Vouvalidis, Konstantinos - Syrides, Georgios (Aristotle University in Thessaloniki) - Czebreszuk, Janusz (Adam Mickiewicz University in Poznań) - Andreou, Stylianos (Aristotle University in Thessaloniki) - Pappa, Maria (Ephorate of Antiquities of Thessaloniki Region)

**10:15 DISCUSSION SLOT**

**11:00 HOW GEOARCHAEOLOGICAL AND MULTISCALAR APPROACH PROVIDES NEW INSIGHT ABOUT RAPID-CLIMATE CHANGES AND SOCIAL DYNAMICS CONSEQUENCES ONTO MEDITERRANEAN LANDSCAPES DURING BA**

Glais, Arthur (LETG-Caen at Normandy University) - Lespez, Laurent (LGP-University of Paris-East Créteil) - Lopez-Saez, José-Antonio (Archaeobiology Group, Institute of History, CCHS, CSIC, Madrid) - Darcque, Pascal - Tsirtsoni, Zoï (Arscan, Maison de l'archéologie et de l'Ethnologie, University of Paris 10, Nanterre) - Malamidou, Dimitra (Ephorate of Prehistoric and Classical Antiquities, Greek ministry of culture, Kavala)

**11:15 FROM DEPOSIT TO SOCIAL PRACTICES: INTEGRATED MICROMORPHOLOGICAL ANALYSIS OF FLOOR SEQUENCES AT MIDDLE BRONZE AGE ERIMI-LAONIN TOUTOURAKOU, CYPRUS**

Amadio, Marialucia (University of Reading, School of Archaeology, Geography and Environmental Science; Italian archaeological project at Erimi-Laonin toutourakou)

**11:30 URBAN NEIGHBOURHOODS AT BRONZE AGE KNOSSOS: GEOARCHAEOLOGICAL INVESTIGATIONS OF THE KNOSSOS GYPSADES PROJECT**

Ayala, Gianna (University of Sheffield) - Bogaard, Amy (University of Oxford) - Hatzaki, Eleni (University of Cincinnati) - Pouncett, John (University of Oxford)

- 11:45 WASTE HEAPS IN THE EBA PILE DWELLING OF LUCONE (N. ITALY): TOWARDS A GEOARCHAEOLOGY OF DAILY ACTIVITIES**  
Nicosia, Cristiano (Dipartimento dei Beni Culturali, Università di Padova) - Dal Corso, Marta (Inst. of Prehistoric and Protohistoric Archaeology and CRC1266 Scales of Transformation, Kiel University) - Baioni, Marco (Museo Archeologico della Valle Sabbia - Fondazione "Piero Simoni", Gavardo) - Mangani, Claudia (Museo Civico Archeologico "G. Rambotti", Desenzano del Garda)
- 12:00 DEGRADED EARTH-BUILDING MATERIAL OF A RECENT BRONZE AGE HUT: SEDIMENT CHARACTERIZATION THROUGH COMBINED GEOARCHAEOLOGICAL ANALYTICAL TECHNIQUES AT BROGLIO DI TREBISACCE**  
Magno, Laura Matilde (Université Catholique de Louvain)
- 12:15 THE LATE BRONZE AGE SETTLEMENT OF FONDO PAVIANI (ITALY) IN ITS TERRITORIAL SETTING. GEOMORPHOLOGICAL ISSUES, IN-SITE ANALYSIS AND SETTLEMENT DYNAMICS**  
Nicosia, Cristiano - Dalla Longa, Elisa - Cupitò, Michele - Leonardi, Giovanni (Dipartimento dei Beni Culturali, Università di Padova)
- 12:30 DISCUSSION SLOT**
- 14:00 CONNECTING MATTER FLUXES AND HUMAN BEHAVIOR IN BRONZE AGE MULTI-LAYERED SETTLEMENTS FROM ANATOLIA TO CENTRAL EUROPE**  
Martini, Sarah (Institut fuer Ur- und Fruehgeschichte Kiel) - Dreibrodt, Stefan (Institute for Ecosystem Research University of Kiel)
- 14:15 BOOM AND BUST CYCLES DURING THE BRONZE AGE? PALYNOLOGICAL EVIDENCE FROM THE NORTH EUROPEAN PLAIN**  
Feeser, Ingo - Dörfler, Walter - Kneisel, Jutta (Institut fuer Ur- und Fruehgeschichte Kiel)
- 14:30 GEOARCHAEOLOGICAL INVESTIGATIONS OF DANISH CELTIC FIELDS**  
Nielsen, Nina (Museum Silkeborg) - Kristiansen, Søren Munch - Ljungberg, Thomas (Department of Geoscience, Aarhus University) - Løvschal, Mette (Department of Archaeology and Heritage Studies, Aarhus University)
- 14:45 SOME PECULIARITIES OF ENVIRONMENTAL HISTORY DURING THE CENTRAL EUROPEAN BRONZE AGE AS DEDUCED FROM SOILS AND SEDIMENTS**  
Dreibrodt, Stefan (University of Kiel, CRC 1266/Institute for Ecosystem Research)
- 15:00 THE SETTLEMENT OF LA DOU (NE IBERIAN PENINSULA) DURING THE LATE BRONZE AGE: AN INTEGRATED GEOLOGICAL AND ARCHAEOLOGICAL APPROACH**  
Cámara Manzaneda, Javier - Saña, Maria (Universitat Autònoma de Barcelona, Departament de Prehistòria) - Alcalde, Gabriel (Universitat de Girona, Departament Història i Història de l'Art) - Navarrete, Vanessa - Pons, Enriqueta - Revelles, Jordi - Rosillo, Rafael (Universitat Autònoma de Barcelona, Departament de Prehistòria) - Sala, Roger (SOT Archaeological Prospection) - Yousef Pouran, Kaveh (Universitat Autònoma de Barcelona, Departament de Prehistòria)

### 15:15 MICROSTRATIGRAPHIC ANALYSIS IN THE DITCHED ENCLOSURE OF PERDIGÕES SITE (PORTUGAL)

Milesi, Lara - Gutiérrez-Rodríguez, Mario (Universidad de Granada. Facultad de Filosofía y Letras) - Duarte, Carlos (Universidad de Cantabria)

### 15:30 DISCUSSION SLOT

## POSTERS

- a. MULTIDISCIPLINARY RESEARCH OF THE ARCHEOLOGICAL MINING AND METALLURGICAL COMPLEX OF THE BRONZE AGE SYRLIBAY (KAZAKHSTAN)**  
 Noskevich, Vladislav (Institute of Geophysics, Ural Branch of RAS, Ekaterinburg) - Tkachev, Vitali (Institute of the steppe UB RAS, Orenburg) - Yuminov, Anatoli (Institute of Mineralogy, Ural Branch of RAS, Miass) - Baitleu, Darkhan (Branch of the Institute of Archeology. A. Kh. Margulan in Astana)
- b. MUD 'N' ROLL IN THE TERRAMARE: MICROMORPHOLOGICAL ANALYSIS OF WHEEL RUTS AT THE BRONZE AGE VILLAGE OF QUATTROCASE (CREMONA, ITALY)**  
 Peinetti, Alessandro (Laboratoire Archéologie des Sociétés Méditerranéennes, UMR 5140 (CNRS, Univ. Paul Valéry Montpellier 3, MCC); LabEx Archimede; Università di Bologna) - Wattez, Julia (INRAP) - Bronzoni, Lorenza (AR/S Archeosistemi soc. coop.)

## 562 COMPARATIVE MICROREGIONAL RESEARCH IN BRONZE AGE CENTRAL AND EASTERN EUROPE: THEORIES, METHODS AND FUTURE PERSPECTIVES

**ROOM:** UB202

**TIME:** 14:00 - 16:00

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Regular session

**ORGANISERS:** Czukur, Peter (Eötvös Loránd University, Institute of Archaeological Sciences, Budapest; Móra Ferenc Múzeum, Szeged) - Bodnár, Csaba (Eötvös Loránd University, Institute of Archaeological Sciences, Budapest; Museum of Fine Arts, Department of Classical Antiquities, Budapest) - Fejér, Eszter (Freie Universität Berlin, Institut für Prähistorische Archäologie) - Polányi, Tamás (Northwestern University, Department of Anthropology, Evanston; Archaeologist and Project Manager SWCA Environmental Consultants)

## ABSTRACTS

**14:00 COMPARATIVE MICROREGIONAL RESEARCH IN BRONZE AGE HUNGARY: INTRODUCTION TO SESSION**

Czukur, Peter (Móra Ferenc Múzeum, Szeged; Eötvös Loránd University, Institute of Archaeological Sciences, Budapest) - Bodnár, Csaba (Eötvös Loránd University, Institute of Archaeological Sciences, Budapest; Museum of Fine Arts, Department of Classical Antiquities, Budapest) - Fejér, Eszter (Freie Universität Berlin, Institut für Prähistorische Archäologie) - Polányi, Tamás (Northwestern University, Department of Anthropology, Evanston; Archaeologist and Project Manager SWCA Environmental Consultants)

**14:15 EARLY BRONZE AGE SETTLEMENT AGGLOMERATION IN MIKULOVICE (EASTERN BOHEMIA). A MICROREGION PROFITING FROM IT'S POSITION ON A LONG DISTANCE ROUTE**

Langova, Michaela - Ernée, Michal (AU - Institute of Archaeology of the Academy of Sciences of the Czech Republic)

**14:30 COMMUNITIES OF PRACTICE IN THE EARLY BRONZE AGE CARPATHIAN BASIN - THE POTENTIAL OF MICROREGIONAL POTTERY RESEARCH**

Bodnár, Csaba (Eötvös Loránd University, Institute of Archaeological Sciences, Budapest; Museum of Fine Arts, Department of Classical Antiquities, Budapest)

**14:45 BEYOND LARGE SCALE EXCAVATIONS: FROM SINGLE SITE TO SETTLEMENT PATTERN IN THE BRONZE AGE OF SOUTHERN CARPATHIAN BASIN**

Kalafatic, Hrvoje - Šiljeg, Bartul (Institute of Archaeology, Zagreb) - Hršak, Tomislav (Archaeological museum Osijek)

**15:00 THE LONG AGE OF BRONZE - LOWER ODER REGION IN LATE BRONZE AGE AND EARLY IRON AGE**

Slusarska, Katarzyna (Institute of Archaeology and Ethnology University of Gdańsk)

**15:15 DISCUSSION SLOT****583 NON-INVASIVE APPLICATIONS IN RESEARCH AND HERITAGE MANAGEMENT STRATEGIES IN CENTRAL AND EASTERN EUROPEAN ARCHAEOLOGY**

ROOM: UB222

TIME: 14:00 - 18:00

THEME: Archaeology and the European Year of Cultural Heritage

FORMAT: Regular session

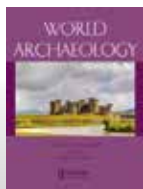
ORGANISERS: Mackiewicz, Maksym (Archeolodzy.org Foundation) - Wroniecki, Piotr (Independent researcher) - Tencer, Tomáš (Department of Archaeology and Museology, Masaryk University, Brno)

Session related to the EAA Community on Archaeological Prospection.



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**14:00 TWO GERMAN WAYS: GEOPHYSICAL PROSPECTION IN ARCHAEOLOGY AT THE IRON CURTAIN**

Meyer, Cornelius (Eastern Atlas GmbH & Co. KG)

**14:15 LIDAR DATA AND ITS IMPORTANCE FOR ARCHAEOLOGY IN SLOVENIA**

Hobic, Jošt (Independent researcher)

**14:30 FROM A RENTED OVERHAUSER TO SQUARE KILOMETRES - IMPLEMENTING LARGE-SCALE GEOPHYSICAL PROSPECTION FOR CULTURAL RESOURCE MANAGEMENT IN HUNGARY**

Mesterházy, Gábor - Stibrányi, Máté - Klembala, Zsombor - Pethe, Mihály - Buránszki, Nóra - Nagy, László - Kecskés, Bence - Somogyi, Ferenc (Budavári Ingatlanfejlesztő és Üzemeltető Nonprofit Kft.)

**14:45 DISCUSSION SLOT**

**15:00 THE STATE OF NON-INVASIVE PROSPECTION IN ROMANIA. THE CASE OF THE ARHEOINVEST INTERDISCIPLINARY RESEARCH PLATFORM**

Asandulesei, Andrei (Interdisciplinary Research Department - Field Science, "Alexandru Ioan Cuza" University from Iasi)

**15:15 THE INTEGRATION OF ARCHAEOGEOPHYSICAL PROSPECTION IN THE RESCUE ARCHAEOLOGY IN CZECH REPUBLIC**

Tencer, Tomáš - Milo, Peter (Department of Archaeology and Museology, Masaryk University, Brno)

**15:30 NON-DESTRUCTIVE METHODS IN THE MANAGEMENT AND PROTECTION OF ARCHAEOLOGICAL HERITAGE IN SLOVAKIA**

Bistak, Peter - Baxa, Peter - Feníková, Andrea (The Monuments Board of the Slovak Republic, Bratislava) - Furman, Martin (The Regional Monuments Board - Regional centre Žilina) - Halvoň, Ľuboš (National Forest Centre, Zvolen) - Katkin, Slavomír (The Monuments Board of the Slovak Republic, Bratislava) - Maczek, Dušan (The Monuments Board of the Slovak Republic, Bratislava; Department of Archaeology and Museology, Masaryk University Brno) - Nádaskay, Rudolf (The Monuments Board of the Slovak Republic, Bratislava) - Smreková, Miriam (National Forest Centre, Zvolen) - Šusteková, Barbora (The Regional Monuments Board - Regional centre Bratislava)

**15:45 DISCUSSION SLOT**

**16:30 EYES ON THE SKIES, PROBES ON THE GROUND: A (LIMITED) EXPERIENCE FROM HERITAGE MANAGEMENT IN SERBIA**

Pendic, Jugoslav (Biosense Institute) - Le Quesne, Charles (Environmental Resource Management - ERM - Inc.)

**16:45 NON-INVASIVE APPLICATIONS IN RESEARCH AND HERITAGE MANAGEMENT IN LITHUANIA**

Jarockis, Romas (Vilnius Academy of Arts)



**17:00 NON-INVASIVE SURVEYS IN ROMANIAN ARCHAEOLOGY: BETWEEN NECESSITY, POSSIBILITIES AND LIMITS**

Preoteasa, Constantin (Neamt County Museum Complex - Cucuteni Culture International Research Centre)

**17:15 ONCE UPON A SITE? WAYS OF THINKING AND NON-SCIENTIFIC FACTORS INFLUENCING THE IMPLEMENTATION OF NON-INVASIVE METHODS IN POLAND**

Wroniecki, Piotr (Institute of Archaeology, University of Wrocław) - Mackiewicz, Maksym (Archeolodzy.org Foundation) - Furmanek, Mirosław (Institute of Archaeology, University of Wrocław)

**17:30 DISCUSSION SLOT****POSTERS****a. EXAMPLES OF PRACTICAL EXPERIENCE IN RESEARCH WITH THE USE OF GEOPHYSICAL SURVEYS IN SLOVAKIA**

Šusteková, Barbora (The Regional Monuments Board - Regional centre Bratislava) - Bisták, Peter (The Monuments Board of the Slovak Republic) - Grznár, Peter (The Regional Monuments Board - Regional centre Trnava) - Nipčová, Daniela (The Regional Monuments Board - Regional centre Trenčín) - Paterka, Pavel (The Regional Monuments Board - Regional centre Nitra, Office Komárno) - Kopták, Tomáš (The Regional Monuments Board - Regional centre Žilina) - Miňo, Martin (The Regional Monuments Board - Regional centre Banská Bystrica) - Uličný, Marián (The Regional Monuments Board - Regional centre) - Pristáš, Martin (The Regional Monuments Board - Regional centre Košice) - Tirpák, Ján (The Monuments Board of the Slovak Republic)

**b. REVEALING ARCHAEOLOGICAL AND HISTORICAL PATRIMONIAL HERITAGE IN ROMANIA**

Magureanu, Despina - Magureanu, Andrei (Institute of Archaeology) - Penes, Marinela - Anton, Alin - Ciuperca, Bogdan (Prahova County Museum of History and Archaeology)

**592 PATHWAYS TO THE NEOLITHIC IN EUROPE: TRACING THE RHYTHM AND SPREAD OF NEOLITHISATION**

**ROOM:** UB406

**TIME:** 8:30 - 13:00

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Cubas, Miriam (Sociedad de Ciencias Aranzadi - University of York) - Terradas, Xavier (CSIC - IMF, Archaeology of Social Dynamics, Barcelona) - Carvalho, Antonio F. (Universidade do Algarve, Faro) - Manen, Claire (CNRS - UMR 5608, Toulouse) - Ibáñez, Juan J. (CSIC - IMF, Barcelona)

- 8:30 THE FIRST INHABITANTS OF SOUTHERN NORWAY AND THE TRANSITION TO AGRARIAN SOCIETY**  
Sayej, Ghattas (Vest-Agder County Council, Norway)
- 8:45 STUDIES ON THE OLDEST LINEAR POTTERY CULTURE PHASE IN SOUTHEASTERN POLAND - GWOŹDZIEC PROJECT**  
Czekaj-Zastawny, Agnieszka - Rauba-Bukowska, Anna (Institute of Archaeology and Ethnology Polish Academy of Sciences) - Kukułka, Agnieszka (Regional Museum Tarnów)
- 9:00 THE BALKAN NEOLITHIC: ECOLOGICAL NICHE MODELING AND EXPLORING THE ROLE OF INTERMEDIARY CLIMATE ZONES AS STIMULATORS OF ADAPTATION AND TRANSMISSION**  
Whitford, Brent (SUNY Buffalo)
- 9:15 THE SPREAD OF THE NEOLITHIC IN EUROPE: SIMULATIONS VERSUS ARCHAEOLOGICAL AND GENETIC DATA**  
Fort, Joaquim (Universitat de Girona; ICREA)
- 9:30 ASSESSING THE IMPACT OF BIAS OF RADIOCARBON DATES SAMPLES FOR THE NEOLITHIC TRANSITION IN THE WESTERN MEDITERRANEAN BASIN**  
Oms Arias, F. Xavier (SERP, Universitat de Barcelona) - Rubio-Campillo, Xavier (University of Edinburgh, School of History, Classics and Archaeology)
- 9:45 THE NEOLITHIC TRANSITION IN THE WESTERN MEDITERRANEAN: A COMPLEX AND NON-LINEAR DIFFUSION PROCESS. THE RADIOCARBON RECORD REVISITED**  
Manen, Claire (CNRS; Procome Project - <http://www.anrprocome.com>)
- 10:00 DISCUSSION SLOT**
- 11:00 WHO ARE YOU? EVIDENCES OF PHYLOGENETIC SIGNAL IN THE NEOLITHIC IMPRESSO-CARDIAL COMPLEX**  
Pardo-Gordó, Salvador (Departament de Prehistòria. Universitat Autònoma de Barcelona) - García Rivero, Daniel (Departamento de Prehistoria y Arqueología. Universidad de Sevilla) - Bernabeu Aubán, Joan (Departament de Prehistòria, Arqueologia i Història Antiga, Universitat de València)
- 11:15 THE SPREAD OF CROP HARVESTING TECHNOLOGIES IN THE MEDITERRANEAN: A VIEW FROM THE SOUTHERN BALKANS**  
Mazzucco, Niccolò (UMR 7055, CNRS / Université Paris Nanterre) - Gibaja, Juan Francisco (Archaeology of Social Dynamics group - ASD, Milá i Fontanals Institution - IMF-CSIC) - Conolly, James (Trent University, Department of Anthropology) - Naumov, Goce (Center for Prehistoric Research / Goce Delčev University) - Fidanoski, Ljubo (Museum of the City of Skopje)

### 11:30 **ADOPTION OF DOMESTIC SPECIES IN WESTERN EUROPE: COMPARING SHEEP AND CATTLE PATHWAYS IN IBERIAN PENINSULA**

Sierra, Alejandro (Grupo de investigación Primeros Pobladores del Valle del Ebro - PPVE, Universidad de Zaragoza) - Saña, María - Alcántara, Roger - Ferratges, Eloísa (Laboratori d'Arqueozoologia, Universitat Autònoma de Barcelona)

### 11:45 **TRACING IDENTITIES AT THE IBERIAN EARLY NEOLITHIC: A FUNERARY AND MOLECULAR APPROACH**

Villalba-Mouco, Vanessa (Grupo Primeros Pobladores del Valle del Ebro - PPVE, Instituto de Investigación en Ciencias Ambientales - IUCA, Universidad de Zaragoza; Department of Archaeogenetics, Max Planck Institute for the Science of Human History) - van de Loosdrecht, Marieke (Department of Archaeogenetics, Max Planck Institute for the Science of Human History) - Salazar-García, Domingo C. (Department of Archaeogenetics, Max Planck Institute for the Science of Human History; Grupo de Investigación en Prehistoria IT-622-13 - UPV-EHU/IKERBASQUE-Basque Foundation for Science, Vitoria; Department of Geological Sciences, University of Cape Town) - Orera, Víctor (Instituto de Ciencia de Materiales de Aragón. CSIC-Universidad de Zaragoza) - Utrilla, Pilar (Grupo Primeros Pobladores del Valle del Ebro - PPVE, Instituto de Investigación en Ciencias Ambientales - IUCA, Universidad de Zaragoza) - Krause, Johannes - Haak, Wolfgang (Department of Archaeogenetics, Max Planck Institute for the Science of Human History)

### 12:00 **AND THE NEOLITHIC ALSO OCCURRED IN HIGH MOUNTAINS. THE CASE STUDY OF SOUTHERN CENTRAL PYRENEES**

Clemente-Conte, Ignacio (CSIC-IMF) - Gassiot Ballbè, Ermengol - Rodríguez Antón, David - Obea Gómez, Laura - Díaz Bonilla, Sara - Quesada Carrasco, Manuel (Universitat Autònoma de Barcelona. Departamento de Prehistoria) - Sanchez Bonastre, Xavier (Universitat Autònoma de Barcelona) - Mazzucco, Niccolò (UMR 7055 "Préhistoire et Technologie", CNRS - Université Paris Ouest Nanterre) - Salvador Baiges, Guillem (Universitat Autònoma de Barcelona. Departamento de Prehistoria) - Rey Lanaspá, Javier (Diputació General Aragó)

### 12:15 **DISCUSSION SLOT**

## POSTERS

#### a. **IMPORTS OR IMITATIONS? SOME REMARKS ON THE FINDINGS OF THE EASTERN-LINEAR CIRCLE CERAMICS IN THE UPPER VISTULA BASIN**

Szeliga, Marcin (Institute of Archaeology Maria Curie-Skłodowska University in Lublin) - Rauba-Bukowska, Anna (Institute of Archaeology and Ethnology Polish Academy of Sciences) - Gawryjolek-Szeliga, Katarzyna (Lublin)

#### b. **NEW ASPECTS OF NEOLITHIZATION IN THE STEPPE ZONE OF INNER EURASIA**

Merz, Viktor (S.Toraighyrov Pavlodar State University)

#### c. **THE EARLY NEOLITHIC OF THE UPPER DON**

Smolyaninov, Roman (Lipetsk State Pedagogical P.Semenov-Tyan-ShansUniversity)

## 598 **ARCHAEOLOGY AND INTERDISCIPLINARITY & INTERDISCIPLINARITY IN ARCHAEOLOGY: STORIES OF A LONG AND DIVERSIFIED JOURNEY (19TH-21ST CENTURIES)**

**ROOM:** UB308

**TIME:** 11:00 - 18:30

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Regular session

**ORGANISERS:** Martins, Ana Cristina (Fundação para a Ciência e a Tecnologia / Instituto de História Contemporânea-CEHFCi-UÉ-FCSH-Universidade NOVA de Lisboa; UNIARQ-Centro de Arqueologia da Universidade de Lisboa; InterArq Project) - Ordieres Díez, Isabel (Escuela de Arquitectura-Universidad de Alcalá; InterArq Project)

### ABSTRACTS

#### 11:00 **INTRODUCTION**

Ordieres Díez, Isabel (Escuela de Arquitectura-Universidad de Alcalá; InterArq Project) - Martins, Ana Cristina (Fundação para a Ciência e a Tecnologia / Instituto de História Contemporânea-CEHFCi-UÉ-FCSH-Universidade NOVA de Lisboa; UNIARQ-Centro de Arqueologia da Universidade de Lisboa; InterArq Project)

#### 11:15 **TEACHING ARCHAEOLOGY AND ART HISTORY IN THE 19TH CENTURY: THE CASE OF PIERRE PARIS IN BORDEAUX (1885-1913)**

Reimond, Grégory (University of Toulouse; Casa de Velázquez)

#### 11:30 **INTERNATIONAL RELATIONS, MUSEUMS AND HERITAGE MANAGEMENT IN 19TH CENTURY SPAIN: A GLANCE AT THE CORRESPONDENCE OF JUAN FACUNDO RIAÑO**

Garcia-Ventura, Agnes (IPOA, Universitat de Barcelona) - Vidal, Jordi (Universitat Autònoma de Barcelona)

#### 11:45 **NINETEENTH-CENTURY CHRISTIAN ARCHAEOLOGY AND THE PARADOXICAL GOAL OF MIXING RELIGION WITH SCIENCE**

Effros, Bonnie (University of Liverpool)

#### 12:00 **HUMANISM AND NUMISMATICS IN 19TH CENTURY PREHISTORIC ARCHAEOLOGY**

Schlanger, Nathan (Ecole nationale des chartes, Paris; UMR Trajectoires, Nanterre)

#### 12:15 **INTERDISCIPLINARITY AND PREHISTORIC ARCHAEOLOGY IN ROMANIA**

Coltofean, Laura (Brukenthal National Museum, Sibiu)

#### 12:30 **DISCUSSION SLOT**

#### 14:00 **WHAT MEANS «PRE-HISTORY»? THE ANTHROPOLOGICAL SOCIETY OF TOKYO AND THE BEGINNINGS OF PREHISTORIC ARCHAEOLOGY IN JAPAN**

Abad de los Santos, Rafael (University of Seville)

- 14:15 THE GERMAN INTERDISCIPLINARY TEAM THAT ACCOMPANIED ADOLF SCHULTEN IN SPAIN OF THE FIRST THIRD OF THE 20TH CENTURY**  
Garcés Estallo, Ignasi (University of Barcelona) - Gómez Gonzalo, Paz (Independent research)
- 14:30 INTERDISCIPLINARITY AND THE EMERGENCE OF AN ENVIRONMENTAL PERSPECTIVE IN ARCHAEOLOGY. AN ITALIAN CASE-STUDY (1904-1930)**  
Tarantini, Massimo (Soprintendenza ABAP Firenze)
- 14:45 ARCHITECTURAL RESEARCH FROM ARCHEOLOGY TO INTERDISCIPLINARITY: THE SPREAD OF METHODS AND THEORIES IN LITHUANIA TERRITORY DURING 19TH - 20TH CENTURIES**  
Povilaityte-Leliugiene, Edita (Vilnius Academy of Arts)
- 15:00 A LONG WAY TO INTERDISCIPLINARITY IN ARCHAEOLOGY: PORTUGAL DURING THE 50S AND THE 70S OF THE 20TH CENTURY**  
Martins, Ana Cristina (Fundação para a Ciência e a Tecnologia / Instituto de História Contemporânea-CEHFCi-UÉ-FCSH-Universidade NOVA de Lisboa; UNIARQ-Centro de Arqueologia da Universidade de Lisboa; InterArq Project)
- 15:15 FRONTIERS OF ROMANIA: NATIONALISM AND THE USE OF THE ROMAN PAST**  
Hanscam, Emily (Durham University)
- 15:30 DISCUSSION SLOT**
- 16:30 THE LATIN EPIGRAPHY OF THE PORTUGUESE ETHNOGRAPHIC MUSEUM IN THE EPISTOLARY BETWEEN EMIL HÜBNER AND JOSÉ LEITE DE VASCONCELOS**  
Marques, Pedro (UNIARQ - Centro de Arqueologia da Universidade de Lisboa; DGE; IPAETH)
- 16:45 INTERDISCIPLINARITY WITHIN ARCHAEOLOGY DEPARTMENTS. SPAIN AS A CASE STUDY**  
Díaz-Andreu, Margarita (ICREA; Universitat de Barcelona)
- 17:00 PUBLIC ARCHAEOLOGY AND HERITAGE PARTICIPATION IN CHINA: THREE CASE STUDIES IN SHAANXI PROVINCE**  
Iva, Stojevic (Northwest University Xi'an)
- 17:15 WAS THE UNESCO INTERNATIONAL CAMPAIGN OF NUBIA A MULTIDISCIPLINARY OR INTERDISCIPLINARY WORK? JOURNALISTS AND ANTHROPOLOGISTS IN THE SPANISH TEAMS**  
Zurinaga Fernández-Toribio, Salomé (Museo Arqueológico Nacional)
- 17:30 PLURALIZED ARCHAEOLOGIES - RECLAIMING ARTS AND TECHNOLOGY**  
Tevdovski, Ljuben (University Goce Delcev -Shtip, Macedonia) - Sokoloska, Angela (Institute of Cultural Heritage and Archaeology)
- 17:45 DISCUSSION SLOT**



## POSTERS

- a. AN EXAMPLE OF TRANSFERRED MODELS: LUIS SIRET AND THE ANALYSIS' BOOK**  
Maicas, Ruth (Museo Arqueológico Nacional, Madrid)
- b. "CHILDREN OF A LESSER GOD". FROM PHYSICS TO BIOLOGY AS MODELS FOR ARCHAEOLOGY**  
Maicas, Ruth (Museo Arqueológico Nacional, Madrid) - González, Amador M. (Física Aplicada, ETSIST, Universidad Politécnica de Madrid)

## 599 INTERDISCIPLINARY APPROACHES TO EARLY MEDIEVAL TRANSITIONS

ROOM: UB209

TIME: 8:30 - 13:00

THEME: The archaeology of material culture, bodies and landscapes

FORMAT: Regular session

ORGANISERS: Leggett, Samantha (Department of Archaeology, University of Cambridge) - Brownlee, Emma (Department of Archaeology, University of Cambridge) - Sebo, Erin (Department of English, Flinders University)



## ABSTRACTS

- 8:30 ANIMAL SYMBOLISM ON SEVENTH CENTURY IRON BELT FITTINGS AND THE CHRISTIANISATION OF MEROVINGIAN GAUL**  
Kars, Mirjam (VU Amsterdam - Free University Amsterdam; Portable Antiquities of the Netherlands - PAN)
- 8:45 FROM CLOVIS TO THE COUNTS OF FLANDERS: TRANSFORMATIONS IN RURAL SETTLEMENT IN WESTERN FLANDERS (CA. AD 450-AD 1000)**  
Deschepper, Ewoud - de Clercq, Wim (Universiteit Gent)
- 9:00 EUROPE IN TRANSITION: MAPPING CHANGING FUNERARY RITES IN THE SIXTH-EIGHTH CENTURIES**  
Brownlee, Emma (University of Cambridge)
- 9:15 DISCUSSION SLOT**
- 9:30 UNDERSTANDING ANGLO SAXON BURIAL PRACTICE PATTERNS THROUGH RADIOCARBON DATING: A CASE STUDY FROM SOUTHERN ENGLAND**  
Miller, Katherine (University of Bristol) - Knowles, Timothy (University of Bristol Radiocarbon Accelerator Mass Spectrometry Facility)

- 9:45 MISSING THE ANTIQUE? RECONSTRUCTING THE ROMAN - MEDIEVAL TRANSITION IN RURAL SETTLEMENTS IN ENGLAND**  
Lewis, Carena (University of Lincoln)
- 10:00 FOOD AND FAITH IN ANGLO-SAXON ENGLAND, THE CHALLENGES OF MULTI-DISCIPLINARY RESEARCH**  
Leggett, Samantha (University of Cambridge)
- 10:15 DISCUSSION SLOT**
- 11:00 IN SEARCH OF A COMPLEX PAST – LOMBARDS IN ITALY: A POPULATION ON THE MOVE IN LATE ANTIQUITY**  
Micarelli, Ileana - Francisci, Guendalina - Trosini, Mariasole - Di Giannantonio, Stefania - Di Matteo, Martina (Sapienza, Università di Roma) - Giostra, Caterina (Università Cattolica del Sacro Cuore, Milano) - Manzi, Giorgio - Tafuri, Maryanne (Sapienza, Università di Roma)
- 11:15 CHALLENGES AND THEORIES SURROUNDING SETTLEMENT-INTERNAL BURIAL SITES IN SOUTHERN GERMANY**  
Müller, Kathrin (University of Freiburg)
- 11:30 EXAMINING AN EARLY MEDIEVAL CRANNOG'S RESPONSE TO ENVIRONMENTAL, SOCIO-POLITICAL AND ECONOMIC CHANGES AT AN ANNUAL RESOLUTION**  
Barrett, Marie-Therese - Plunkett, Gill - Brown, David - Donnelly, Colm (Queen's University Belfast)
- 11:45 DISCUSSION SLOT**
- 12:00 SHIPS AS SYMBOLS OF IDENTITY THROUGHOUT A PERIOD OF TRANSITION**  
Cartwright, Rachel (University of Minnesota)
- 12:15 THE VALUE OF LITERARY SOURCES IN INTERPRETING ARCHAEOLOGY: SWORDS, BURIALS AND THE CASE OF BJ 581**  
Sebo, Erin (Flinders University)
- 12:30 SEX SEGREGATION ON CHRISTIAN CHURCHYARDS IN SCANDINAVIA – GENDERED SOCIAL IDENTITIES IN THE EARLY MEDIEVAL NORTH?**  
Bütje, Clara Henrike (University of Freiburg)
- 12:45 DISCUSSION SLOT**

## POSTERS

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- a. DIETARY HABITS AND MOBILITY DURING THE EARLY MEDIEVAL PERIOD IN EUROPE BY MEANS OF ISOTOPIC ANALYSES: OVERVIEW AND CRITICAL APPROACH**  
Depaermentier, Margaux (University Freiburg)

**b. BIOLOGICAL AFFINITY AND SOCIAL IDENTITY: ANCIENT DNA ANALYSIS OF ANGLO-SAXONS AT BARRINGTON A (EDIX HILL), CAMBRIDGESHIRE**

Bates, Jessica - Scheib, Christiana - Inskip, Sarah - Dittmar, Jenna - O'Connell, Tamsin - Stock, Jay - Robb, John - Kivisild, Toomas (University of Cambridge)

## 600 ADVANCING ARCHAEOLOGICAL SYNTHESIS: USING THE PAST TO BENEFIT THE FUTURE

**ROOM:** UB408

**TIME:** 14:00 - 18:30

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Regular session

**ORGANISERS:** Altschul, Jeff (SRI Foundation; Statistical Research, Inc.) - Luth, Friedrich (German Archaeological Institute)

### ABSTRACTS

**14:00 SYNTHESIS AND THE CONTEMPORARY RELEVANCE OF ARCHAEOLOGY**

Ortman, Scott (University of Colorado Boulder; Santa Fe Institute) - Hanson, John (University of Colorado Boulder)

**14:15 OPEN COLLABORATIVE MODELS FOR ADVANCING ARCHAEOLOGICAL SYNTHESIS: LINKING RESEARCH, RESOURCE MANAGEMENT, AND PUBLIC EDUCATION APPROACHES**

Anderson, David (Department of Anthropology, University of Tennessee) - Kansa, Eric - Kansa, Sarah (Open Context/The Alexandria Archive Institute) - Wells, Joshua (Indiana University South Bend) - Yerka, Stephen (Eastern Band Cherokee Indians, Tribal Historic Preservation Office)

**14:30 ARCHAEOLOGICAL SYNTHESIS FOR LONG-TERM INTERDISCIPLINARY RESEARCH ON SOCIAL CHANGE**

Mills, Barbara - Ram, Sudha (University of Arizona) - Clark, Jeffery (Archaeology Southwest) - Ortman, Scott (University of Colorado, Boulder) - Peeples, Matthew (Arizona State University)

**14:45 DISCUSSION SLOT**

**15:00 THE CHALLENGES AND PROSPECTS OF DEVELOPING RADIOCARBON ,BIG DATA' FOR THE STUDY OF PREHISTORIC DEMOGRAPHY**

Kelly, Robert - Robinson, Erick (University of Wyoming)

**15:15 ARCHAEOLOGICAL SYNTHESIS: THE ROLE OF DIGITAL REPOSITORIES AND THE FAIR PRINCIPLES**

Richards, Julian (Archaeology Data Service; University of York)

**15:30 COMPUTATIONAL TOOLS SUPPORTING SYNTHETIC RESEARCH: DATA INTEGRATION USING TDAR AND DELIVERING PALEOENVIRONMENTAL RECONSTRUCTIONS WITH SKOPE**

Kintigh, Keith (Arizona State University; Coalition for Archaeological Synthesis) - Kohler, Timothy (Washington State University) - Ludäscher, Bertram (University of Illinois) - Spielmann, Katherine (Arizona State University) - Bocinsky, R. Kyle (Crow Canyon Archaeological Center; University of Montana; Desert Research Institute)

**15:45 DISCUSSION SLOT**

**16:30 DATA POST-RECOVERY**

Herr, Sarah (Desert Archaeology)

**16:45 THE NEED AND POTENTIAL FOR ARCHAEOLOGICAL SYNTHESIS IN US HERITAGE RESOURCE MANAGEMENT**

Heilen, Michael (Statistical Research, Inc.)

**17:00 21ST-CENTURY CHALLENGES FOR ARCHAEOLOGY: SYNTHESIS OF INFORMATION FROM DEVELOPER-FUNDED INVESTIGATION TO FORM NEW HISTORICAL NARRATIVES**

Wills, Jan (ClfA)

**17:15 DISCUSSION SLOT**

**17:30 PROMISE AND PERIL: ARCHAEOLOGICAL COLLECTIONS AND SYNTHESIS-BUILDING**

Majewski, Teresita (Statistical Research, Inc.)

**17:45 THE COALITION FOR ARCHAEOLOGICAL SYNTHESIS: FOSTERING COLLABORATIVE RESEARCH IN PURSUIT OF PUBLIC GOOD**

Altschul, Jeff (SRI Foundation)

**18:00 ARCHAEOLOGICAL SYNTHESIS: A JOINT STATEMENT BY SAA AND EAA**

Criado-Boado, Felipe (Incipit, CSIC; EAA President) - Chandler, Susan M. (SAA President)

**18:15 DISCUSSION SLOT**

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**602 FOR FUTURE REFERENCE: UNDERSTANDING THE CITY, (RE) PRESENTATIONS OF THE URBAN LANDSCAPE AND THE PAST-AS-PRESENT**

**ROOM:** UB208

**TIME:** 8:30 - 13:00

**THEME:** Archaeology and the future of cities and urban landscapes

**FORMAT:** Regular session

**ORGANISERS:** Hadji, Athena (Hellenic Open University) - Saura, Magdalena (Polytechnic University of Catalonia)

- 8:30 INTRODUCTION: LEARNING (?) FROM ATHENS: FOOD FOR THOUGHT**  
Hadjj, Athena (Hellenic Open University)
- 8:45 TIME AS ARCHEOLOGY OF MEMORY IN ITS MATERIAL AND IMMATERIAL MANIFESTATION**  
Gómez, Nathan - Molarinho, Sara (UPC)
- 9:00 LOOKING FOR HUMAN PURPOSE AND HUMAN WILLFULNESS THAT DRIVES AND HAD DRIVEN THE MAKING OF A CITY**  
Beltran Borràs, Júlia (Universitat Politècnica de Catalunya)
- 9:15 WINE SANT CUGAT: A 19TH CENTURY RURAL VILLAGE IN A 21ST CENTURY CITY**  
Rodríguez, Alba (Museus de Sant Cugat)
- 9:30 REPRESENTING INVISIBLE TOWNS WITHIN THE MODERN URBAN DEVELOPMENT OF THE CITY OF OSIJEK (CROATIA)**  
Lelekovic, Tino (The Croatian Academy of Sciences and Arts)
- 9:45 RELUCTANT REFUGEE: TAKING AN ARCHAEOLOGICAL APPROACH TO SITES OF TEMPORARY REFUGEE SHELTER IN ATHENS, GREECE**  
Kiddey, Rachael (University of Oxford)
- 10:00 ATHENS CALLING: THE COMMODIFICATION OF A LANDSCAPE IN CRISIS**  
Giannetopoulou, Efi (University van Amsterdam - UVA) - Dermati, Thomais (Newcastle University)
- 10:15 THE PIT OF SHAME: (UN)COVERING THE PAST IN BASMANE, IZMIR**  
Baydar, Gülsüm - Güngör, Selin (Yaşar University)
- 11:00 „TURKEY HAS THE MEMORY OF A GOLDFISH“: NEO-OTTOMANISM, GENTRIFICATION, AND THE THREAT TO TANGIBLE AND INTANGIBLE HERITAGE IN CONTEMPORARY ISTANBUL**  
Geraets, Joel (University of Bristol)
- 11:15 ARCHAEOLOGICAL HERITAGE AND TOWNSCAPES OF CHANGE: HISTORIC URBAN CORE OF MODERN ANKARA**  
Serin, Ufuk (Middle East Technical University, Dept. of Architecture)
- 11:30 UNDERSTANDING ET-TELL AS HERITAGE IN A PAST AND PRESENT URBAN LANDSCAPE**  
Anfinset, Nils (University of Bergen) - Salem, Hamed (Birzeit University)
- 11:45 CONSERVATION IN THE NEOLIBERAL CITY: COMMEMORATION OF HISTORY OR REJECTION OF HISTORY? THE CASE STUDY OF JAFFA, ISRAEL**  
Shiff, Menachem (Tel Aviv University)
- 12:00 EMERGENCE OF RESIDENTIAL ARCHITECTURE IN IRAN „FROM THE EARLIEST TIME TO THE DAWN OF URBANISM“**  
Ameli Najafabadi, Rasoul (PhD student) - Muntañola, Josep (Professor)

**12:15 PINHEIROS 2: PERSPECTIVES ON URBANITY IN SÃO PAULO OF THE 16TH AND 17TH CENTURIES**

Manfrini, Marcelo (University of São Paulo; Museum of Archaeology and Ethnology)

**12:30 DISCUSSION SLOT****609 FROM LOCAL TO GLOBAL LAND USE IN THE HOLOCENE**

**ROOM:** UB405

**TIME:** 8:30 - 13:00

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Regular session

**ORGANISERS:** Madella, Marco (Universitat Pompeu Fabra) - Whitehouse, Nicola (University of Plymouth) - Morrison, Kathleen (University of Pennsylvania) - Fiorentino, Girolamo (Università del Salento) - Vander Linden, Marc (University of Cambridge)

**ABSTRACTS****8:30 LANDCOVER6K/LANDUSE6K - AN APPROACH TO UPSCALE HOLOCENE LAND USE HISTORY FROM LOCAL TO GLOBAL SCALE**

Madella, Marco (Universitat Pompeu Fabra) - Morrison, Kathleen (University of Pennsylvania) - Whitehouse, Nicki (University of Plymouth) - Gaillard, Marie-José (Linnaeus University)

**8:45 LAND USE HISTORY IN SOUTH ASIA: ISLANDS OF DATA IN SEAS OF UNCERTAINTY**

Morrison, Kathleen (University of Pennsylvania)

**9:00 RESERVOIRS AND RADAR: MODELING AND MAPPING LONG-TERM IRRIGATION STRUCTURES ACROSS SOUTHERN INDIA**

Bauer, Andrew (Stanford University) - Morrison, Kathleen D. (University of Pennsylvania)

**9:15 EUROPEAN LANDUSE AT 6000 BP: FROM ON-SITE DATA TO THE LARGE-SCALE VIEW**

Whitehouse, Nicki (School of Geography, Earth and Environment, University of Plymouth) - Antolin, Ferran (Integrative Prehistory and Archaeological Science, University of Basel) - Bishop, Rosie (UCD School of Archaeology) - Styring, Amy (Institut für Archäologische Wissenschaften, Goethe Universität Frankfurt am Main) - Vander Linden, Marc (Department of Archaeology, University of Cambridge) - Kolar, Jan (Department of Vegetation Ecology, Institute of Botany of the Czech Academy of Sciences) - Madella, Marco (CaSEs Research Group, Department of Humanities, Universitat Pompeu Fabra; ICREA)

**9:30 LANDCOVER AND LANDUSE IN SOUTH EASTERN ITALY: ENVIRONMENT, FARMING, SETTLEMENTS AND CLIMATE DYNAMICS IN APULIA DURING THE II MILLENNIA BP**

Fiorentino, Girolamo (Università del Salento) - Primavera, Milena (Università del Salento) - Muntoni, Italo Maria (Soprintendenza Archeologia, Belle Arti e Paesaggio per le Province di Barletta - Andria - Trani e Foggia) - Radina, Francesca (Soprintendenza archeologia belle arti e paesaggio per la città metropolitana di Bari)

- 9:45 ASSESSING ANCIENT LAND USE ON THE PELOPONNESE PENINSULA, GREECE**  
Weiberg, Erika (Department of archaeology and ancient history, Uppsala University) - Hughes, Ryan (Independent scholar) - Finné, Martin (Department of archaeology and ancient history, Uppsala University) - Bonnier, Anton (Department of archaeology and ancient history, Uppsala University) - Kaplan, Jed (ARVE Research SARL, Pully; Department of Archaeology, Max Planck Institute for the Science of Human History; School of Geography and the Environment, University of Oxford)
- 10:00 LAND COVER OF THE VALLO DI DIANO (ITALY) DURING THE BRONZE AGE: FORESTAL COVER BY ANTHRACOLOGICAL ANALYSIS AND HUMAN-ENVIRONMENTAL INTERACTION**  
Breglia, Francesco (Scienze del Patrimonio Culturale, Università del Salento; C.R.S. „Enzo dei Medici“) - Sellitto, Arianna (Scuola di Specializzazione in Beni Archeologici „Dinu Adamesteanu“, Università del Salento) - Fiorentino, Girolamo (Laboratorio di Archeobotanica e Paleoecologia, Università del Salento)
- 10:15 HOLOCENE OR ANTHROPOCENE? AGRICULTURAL TERRACING AS A MARKER OF HUMAN INTENTIONALITY**  
Bennett, Jeremy (University of Cambridge)
- 11:00 LOCAL – GLOBAL – GLOCAL? LAND USE STRATEGIES IN MEROVINGIAN SOUTHERN GERMANY**  
Kempf, Michael (University Freiburg)
- 11:15 THE MAKING OF THE KARST: PREHISTORIC LAND USE CHANGES IN THE KARST**  
Mlekuz, Dimitrij (University of Ljubljana; Institute for the protection of cultural heritage of Slovenia) - Fabec, Tomaž (Institute for the protection of cultural heritage of Slovenia)
- 11:30 MODELLING NEOLITHIC WESTERN SWITZERLAND: DEMOGRAPHY AND LAND USE**  
Laabs, Julian (Institute of Archaeological Sciences, University of Bern; Oeschger Centre for Climate Change Research, University of Bern) - Lemmen, Carsten (C.L. Science Consult, Lüneburg; Helmholtz-Zentrum Geesthacht) - Hafner, Albert (Institute of Archaeological Sciences, University of Bern; Oeschger Centre for Climate Change Research, University of Bern)
- 11:45 DYNAMICS OF THE SPATIAL DEMOGRAPHY, LAND-USE, AND LANDSCAPES OF MID-VOLGA DURING THE MIGRATION PERIOD**  
Vyazov, Leonid (Kazan Federal University) - Salova, Julia (Khalikov Institute of Archaeology, Tatarstan Academy of Sciences) - Blinnikov, Mikhail (St.Cloud University; Kazan Federal University) - Ershova, Ekaterina (Moscow State University; Kazan Federal University) - Gladnev, Nikita (Kazan Federal University) - Ponomarenko, Elena (University of Ottawa; Kazan Federal University)
- 12:00 RAINDROPS: RECONSTRUCTING PAST WATER MANAGEMENT PRACTICES FOR DROUGHT-RESISTANT CROPS**  
Lancelotti, Carla - Biagetti, Stefano (CaSEs Research Group; Department of Humanities; Universitat Pompeu Fabra) - Madella, Marco (CaSEs Research Group; Department of Humanities; Universitat Pompeu Fabra; ICREA - Catalan Institution for Research and Advanced Studies)

**12:15 ANTHROPOGENIC FOREST ISLANDS FROM SOUTHWESTERN AMAZONIA: 10,000 YEARS OF PEOPLING AND LANDSCAPE ANTHROPIZATION**

Ruiz-Pérez, Javier - Lombardo, Umberto (CaSEs Research Group, Universitat Pompeu Fabra) - Fernández Seláez, Geraldine Paloma (Facultad de Ciencias Sociales, Universidad Mayor de San Andrés) - Ortega Barboza, Luis Miguel (Asociación Armonía) - Madella, Marco (ICREA)

**12:30 GROWING CROPS AND HARVESTING FRUIT: EVIDENCE FOR DIVERSIFIED PLANT USE IN THE LATE HOLOCENE ON THE MIDDLE SOLIMÕES RIVER, AMAZON**

Cassino, Mariana (Instituto de Desenvolvimento Sustentável Mamirauá) - Shock, Myrtle Pearl (Universidade Federal do Oeste do Pará) - Freire, Guilherme de Queiroz (Universidade do Estado do Amazonas) - Lopes, Rafael Cardoso de Almeida (Universidade Federal de Sergipe) - Lima, Anderson Márcio Amaral (Instituto de Desenvolvimento Sustentável Mamirauá) - Almeida, Fernando Ozório (Universidade Federal de Sergipe) - Tamanaha, Eduardo Kazuo (Instituto de Desenvolvimento Sustentável Mamirauá; Universidade de São Paulo)

**12:45 DISCUSSION SLOT**


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**611 (NATIONAL) PERSPECTIVES ON THE SIGNIFICANCE AND EFFECTS OF THE INTERNATIONAL CULTURAL TOURISM CHARTER. FROM THEORY TO PRACTICE IN ARCHAEOLOGICAL TOURISM**

**ROOM:** UB309

**TIME:** 16:30 - 18:30

**THEME:** Archaeology and the European Year of Cultural Heritage

**FORMAT:** Round table

**ORGANISERS:** Dunning, Cynthia (ArchaeoConcept) - Mihelic, Sanjin (Archaeological Museum in Zagreb) - Willems, Annemarie (AW Heritage Consultancy) - Smith-Christensen, Cecilie (World Heritage Catalysis) - Sofaer, Joanna (University of Southampton) - Bedin, Edoardo (University College London) - Martínez Yañez, Celia (Departamento de Historia del Arte, Universidad de Granada)

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**SESSION ABSTRACT**

For many of those concerned with the various aspects of the relationship between archaeology and tourism, the ICOMOS International Cultural Tourism Charter, Managing Tourism at Places of Heritage Significance, has been a seminal document. It approached this often lacking relationship from a novel perspective, addressing issues and introducing notions and ideas designed to promote a participative approach to management of heritage places. It appealed for respect, understanding and collaboration between different stakeholders as the best, and arguably also the only way to ensure a sustainable future for heritage places. It also sought to enfranchise host communities, while at the same time championing the rights of visitors for a worthwhile and enjoyable experience.

The Charter is currently under review and the aim of this session is to provide local or national perspectives not only on the theoretical significance, but also on the reception of the Charter and the effects it has had since its adoption. To what extent have the objectives and princi-



ples of the Charter been implemented in various parts of the world, i.e. in different countries? May the tenets of the Charter be considered a standard practice today, or are they still only a vision that will take a long time to fulfil?

Practical examples show that reality often does not match the theoretical advances stipulated by the international charters and declarations. Can the development of assessment tools contribute to the sustainable development of tourism management on heritage sites?

Session organised by the EAA Working Party on Tourism.

## 614 ENVIRONMENT, FOOD PRODUCTION AND LIFESTYLE IN BRONZE AGE EUROPE

**ROOM:** UB207

**TIME:** 8:30 - 13:00

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Filipovic, Dragana (Institute of Pre- and Protohistoric Archaeology, University of Kiel) - Kirleis, Wiebke (Institute of Pre- and Protohistoric Archaeology, University of Kiel) - Kiss, Viktória (Institute of Archaeology, Hungarian Academy of Sciences) - Kneisel, Jutta (Institute of Pre- and Protohistoric Archaeology, University of Kiel) - Kulcsár, Gabriella (Institute of Archaeology, Hungarian Academy of Sciences)

### ABSTRACTS

#### 8:30 FEEDING THE MASSES: ENVIRONMENTAL RESOURCES AND AGRICULTURAL POTENTIAL IN THE ARGIVE PLAIN, GREECE

Timonen, Riia - Klinkenberg, Victor (Faculty of Archaeology, Leiden University)

#### 8:45 THE IMPACT OF BRONZE AGE SUBSISTENCE ON A DYNAMIC LANDSCAPE

van Amerongen, Yvonne (Archol - Archaeological Research Leiden)

#### 9:00 TOP-DOWN - BOTTOM-UP: BRONZE AND IRON AGE SETTLEMENT PATTERNS AND LANDSCAPE DYNAMICS IN THE NORTHERN FRANCONIAN JURA (BAVARIA, GERMANY)

Kothieringer, Katja - Seregély, Timo (University of Bamberg) - Lambers, Karsten (Leiden University)

#### 9:15 DISCUSSION SLOT

#### 9:30 COLLAPSE OF THE EL ARGAR CULTURE IN SOUTHEASTERN SPAIN DUE TO OVER-EXPLOITATION OF A SEMI-ARID LANDSCAPE?

Stika, Hans-Peter (University of Hohenheim in Stuttgart)

#### 9:45 FOOD PRODUCTS: SOURCES, STORAGE, PROCESSING AND CONSUMPTION IN THE EARLY BRONZE AGE SETTLEMENT OF MINFERRI, CATALONIA, SPAIN (2100-1600 CAL. BC)

Alonso, Natàlia - López, Joan B. - Marín, Dióscorides (University of Lleida) - Moya, Andreu (Il-tirta sl) - Nieto, Ariadna (IMF-CSIC) - Prats, Georgina (University of Lleida; IPNA) - Vila, Sílvia (University of Lleida)

**10:00 EXPLORING FOODWAYS IN A LATE MINOAN KNOSSIAN 'NEIGHBOURHOOD' (GYPSADES, CRETE) THROUGH MICROBOTANICAL ANALYSES**

García-Granero, Juan José (University of Oxford) - Hatzaki, Eleni (University of Cincinnati) - Tsafou, Evgenia (Université Catholique de Louvain) - Cárdenas, Marc (Basque Culinary Center) - Ayala, Gianna (University of Sheffield) - Bogaard, Amy (University of Oxford)

**10:15 DISCUSSION SLOT****11:00 HUMAN NUTRITION 10 000 – 1000 BC: A BAYESIAN ERRORS-IN-VARIABLES MODEL OF NEAR EASTERN AND EUROPEAN STABLE ISOTOPE DATA**

Rosenstock, Eva - Scheibner, Alisa (Freie Universität Berlin, Institut für Prähistorische Archäologie) - Groß, Marcus (INWT Statistics, Berlin) - Fernandes, Ricardo (Max Planck Institute for the Science of Human History Jena, Department of Archaeology; University of Cambridge, McDonald Institute for Archaeological Research)

**11:15 DIETARY HABITS ON THE BANKS OF SAVA RIVER DURING LATE BRONZE AGE**

Kalafatic, Hrvoje - Hulina, Mateja (Institute of Archaeology, Zagreb) - Mihaljević, Marija (Municipal museum Nova Gradiška) - Spiteri, Cynthianne (Eberhard Karls Universität Tübingen Institut für Ur- und Frühgeschichte) - Radović, Siniša (Croatian Academy of Sciences and Arts) - Rageot, Maxime (Eberhard Karls Universität Tübingen Institut für Ur- und Frühgeschichte) - Reed, Kelly (University of Warwick, School of life science) - Škrebliin, Ana (University of Zagreb, Faculty of humanities and social sciences)

**11:30 ARCHAEOBOTANICAL AND ISOTOPE STUDIES TO REVEAL THE ECONOMY OF THE EARLY BRONZE AGE SETTLEMENT FIDVÁR NEAR VRÁBLE, SLOVAKIA**

Schlütz, Frank - Bittmann, Felix (Lower Saxony Institute for Historical Coastal Research, Wilhelmshaven)

**11:45 DISCUSSION SLOT****12:00 MACRO-BOTANICAL PERSPECTIVE OF A HOUSEHOLD AT THE BRONZE AGE FORTIFIED SETTLEMENT KAKUCS-TURJÁN MÖGÖTT, HUNGARY**

Filatova, Sonja - Filipović, Dragana - Kirleis, Wiebke (Institut für Ur- und Frühgeschichte, Kiel)

**12:15 BRONZE AGE FOODWAYS IN THE MAROS REGION, SE HUNGARY: LITHIC AND CERAMIC PERSPECTIVES**

Szeverenyi, Vajk - Priskin, Anna (Deri Muzeum)

**12:30 DISCUSSION SLOT****POSTERS****a. CORDED WARE MATERIALS IN THE FOREST ZONE OF NORTH-WESTERN RUSSIA**

Tkach, Evgenia (Institute for the History of Material Culture Russian Academy of Science)

**c. DIETARY VARIABILITY DURING THE BRONZE AGE IN THE AREA OF PRESENT-DAY CZECH REPUBLIC**

Kaupová, Sylva (National Museum) - Parma, David (Archaeological Heritage Institute Brno) - Salaš, Milan (Moravian Museum) - Unger, Jiří (Institute of Archaeology of the Czech Academy of Sciences, Prague) - Jarošová, Ivana (free-lancer)

**d. PLANTS AND ANIMALS FROM THE BRONZE AGE IN THE MIDDLE RHONE VALLEY: THE ARCHAEOLOGICAL SITE OF NOGEIRET (BOLLÈNE, FRANCE)**

Pinaud-Querrac'h, Rachël (UMR5140 ASM LabEx Archimède) - Cenzon-Salvayre, Carine (UMR7299) - Renaud, Audrey (UMR5140 ASM) - Garcia-Dalmau, Cristina (Mosaïques Archéologie) - Rovira, Nuria (UMR5140 ASM)

**e. WILD PLANT CONSUMPTION AT BRONZE AGE SITES IN THE SOUTH CARPATHIAN BASIN**

Filipovic, Dragana (Institute for Balkan Studies, Serbian Academy of Sciences and Arts; Institute for Pre- and Protohistory, University of Kiel) - Kroll, Helmut (Kiel)

**f. DID IT SPREAD LIKE WILDFIRE? DETERMINING THE TIME AND RATE OF SPREAD OF MILLET CULTIVATION IN BRONZE AGE EUROPE**

Filipovic, Dragana (Institute for Pre- and Protohistory, University of Kiel) - Effenberger, Henrike (Academy of Science and Literature, Mainz; Christian Albrechts University, Kiel) - Corso, Marta - Kirleis, Wiebke (Institute for Pre- and Protohistory, University of Kiel; Graduate School)

## 628 THE PAST AND FUTURE OF HILLFORTS – CHALLENGES, CHANCES, PERSPECTIVES

**ROOM:** UB309

**TIME:** 8:30 - 16:00

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Ibsen, Timo (Center for Baltic and Scandinavian Archaeology Schleswig) - Kuncevičius, Albinas (Archaeological Institute, University of Vilnius) - Šne, Andris (Archaeological Institute, University of Riga) - Zabiela, Gintautas (Archaeological Institute, University of Klaipėda)

### ABSTRACTS

**8:30 INTRODUCTION: PROBLEMS, NEEDS AND TASKS OF STUDYING HILLFORTS**

Ibsen, Timo (Center for Baltic and Scandinavian Archaeology Schleswig) - Kuncevičius, Albinas (Archaeological Institute, University of Vilnius) - Šne, Andris (Archaeological Institute, University of Riga) - Zabiela, Gintautas (Association of Lithuanian Archaeology)

**8:45 CENTER AND PERIPHERY IN THE SETTLEMENT SYSTEM IN THE IRON AGE CULTURES OF THE EAST EUROPEAN PLAIN**

Chaukin, Sergey (Institute of Archaeology Russian Academy of Sciences)

- 9:00 HILLFIRST OF THE 1ST MILLENNIUM AD OF THE FORMERLY NADROVIANS EAST PRUSSIA: A CASE STUDY WITH GIS AND DIGITAL TECHNOLOGIES**  
Khomiakova, Olga - Chaukin, Sergey (Institute of Archaeology of RAS, Moscow) - Skhodnov, Ivan (NIC Pribaltijskaja Archaeologia, Kaliningrad)
- 9:15 WHAT HAPPENED TO ESTONIAN HILL-FORTS?**  
Mägi, Marika (Tallinn University)
- 9:30 VIKING AGE HILLFORTS IN LATVIA: LATE PREHISTORIC SITES OF TRADE, POWER AND COMMUNICATION**  
Šne, Andris (University of Latvia)
- 9:45 LANDSCAPE OF THE STATEHOOD: ENVIRONMENT TRANSFORMATIONS IN THE HISTORICAL CAPITALS OF LITHUANIA**  
Kuncevicius, Albinas - Poskiene, Justina - Vengalis, Rokas - Velius, Gintautas (Vilnius University)
- 10:00 BETWEEN NEED TO KNOW AND DUTY TO PROTECT. TWO MODELS OF MEDIEVAL HILLFORTS RESEARCH IN CENTRAL POLAND**  
Sikora, Jerzy (Institute of Archaeology University of Lodz) - Kittel, Piotr (Department of Geomorphology and Palaeogeography, Faculty of Geographical Sciences, University of Lodz) - Wroniecki, Piotr (-)
- 10:15 DISCUSSION SLOT**
- 11:00 THE RELATIONSHIP BETWEEN CULTURAL LANDSCAPE AND THE CONSTRUCTION TYPE OF STRONGHOLDS - THE SLAVIC AND SAXON EXAMPLES**  
Schneeweiss, Jens (Institute for the History of Material Culture RAS; Leibniz Institute for the History and Culture of Eastern Europe - GWZO)
- 11:15 METHODOLOGICAL APPROACHES TO THE INVESTIGATION OF A CASTLESCAPE - THE LOWER HARZ MOUNTAINS AS A SHOWCASE**  
Bartrow, Anna - Rösch, Felix (Martin-Luther-Universität Halle-Wittenberg, Institut für Kunstgeschichte und Archäologien Europas, Seminar für Archäologie des Mittelalters und der Neuzeit)
- 11:30 SOCIAL SPACE IN THE CONTEXT: MAPPING THE INTERACTION ZONES IN THE LANDSCAPES. EXEMPLIFICATION OF LATE BRONZE AGE FORTIFICATION FROM HUNGARY**  
Czukur, Peter (Móra Ferenc Múzeum, Szeged; Eötvös Loránd University, Institute of Archaeological Sciences, Budapest)
- 11:45 HILL-FORTS: CENTRAL PLACES OR PERIPHERAL? THE CASE OF THE WESSEX IRON AGE**  
Collis, John Ralph (University of Sheffield)
- 12:00 RESEARCH AGENDA IN HILLFORT-RICH REGIONS: THE CASE OF EASTERN ADRIATIC**  
Novakovic, Predrag (University of Ljubljana)

**12:15 VITRIFIED WALL MATERIAL FROM THE HILLFORT BROBORG IN SWEDEN – GENESIS AND AGEING**

Sjöblom, Rolf (Luleå University of Technology; Tekedo AB, Nyköping) - Hjärthner-Holdar, Eva (The Archaeologists in Uppsala) - Pearce, Carolyn (Pacific Northwest National Laboratory, Richland) - Ogenhall, Erik - Englund, Mia (The Archaeologists in Uppsala) - McCloy, John (Washington State University, Pullman) - Weaver, Jamie (National Institute of Standards and Technology, Gaithersburg) - Vicenzie, Edward (Museum Conservation Institute, Smithsonian Institute, Suitland) - Peeler, David (Pacific Northwest National Laboratory, Richland) - Kruger, Albert (U.S. Department of Energy, Office of River Protection, Richland)

**12:30 PLACE NAMES, FOLKLORE AND HILLFORTS OF LITHUANIA**

Montvydas, Zilvinas (Institute of Lithuanian Literature and Folklore)

**12:45 DISCUSSION SLOT****14:00 EARLY DEVELOPMENT OF HILLFORTS IN THE SOUTH EAST BALTIC: A REVIEW OF EARLIEST C14 DATES**

Podenas, Vytenis (Lithuanian Institute of History, Department of Archaeology; National Museum of Lithuania, Department of Archaeology)

**14:15 ARCHAEOBOTANY OF LITHUANIAN HILLFORTS: DEVELOPMENT AND PERSPECTIVES**

Minkevicius, Karolis (Vilnius University)

**14:30 HILLFORT RESEARCH IN FORMER EAST PRUSSIA – RESULTS AND STRATEGIES OF THE PAST 175 YEARS**

Ibsen, Timo (Zentrum für Baltische und Skandinavische Archäologie)

**14:45 THE ATLAS OF HILLFORTS IN LITHUANIA. AN ONGOING TASK**

Zabiela, Gintautas (Association of Lithuanian Archaeology)

**15:00 HILLFORTS FROM A TRANSNATIONAL PERSPECTIVE: COMMON DATABASE AS THE WAY FOR COMMON STRATEGIES**

Valk, Heiki (University of Tartu, Estonia)

**15:15 DISCUSSION SLOT****POSTERS****a. INTO THE WOODS: INTERDISCIPLINARY RESEARCH OF THE OPPIDUM BIBRACTE (MONT BEUVRAY, FRANCE)**

Milo, Peter - Goláňová, Petra (Department of Archaeology and Museology, Masaryk University, Brno) - Milová, Beáta (Institute of Archaeology, Slovak Academy of Science, Nitra) - Tencer, Tomáš (Department of Archaeology and Museology, Masaryk University, Brno) - Tencer, Dorota (Institute for Preservation of Archaeological Heritage Brno) - Vágner, Michal (Department of Archaeology and Museology, Masaryk University, Brno)

## 631 AFRICAN COSMOPOLITANS: THE HORN OF AFRICA AND THE WORLD (1ST-20TH CENTURIES AD)

ROOM: UB412

TIME: 11:00 - 13:00

THEME: The archaeology of material culture, bodies and landscapes

FORMAT: Regular session

ORGANISERS: de Torres Rodríguez, Jorge (British Museum) - González-Ruibal, Alfredo (Institute of Heritage Sciences-Spanish National Research Council) - Balzano, Shane (London School of Economics; School of Oriental and African Studies) - Phillips, Jacke S. (University of Cambridge)



### ABSTRACTS

- 11:00 TRACING BACK THE TAZKAR: INTERACTION, COMMEMORATION, AND INTEGRATION IN NORTHERN ETHIOPIA**  
Singh, Dilpreet (Northwestern University)
- 11:15 THE COSMOPOLITAN MARGIN: THE SUDANESE-ETHIOPIAN BORDERLAND IN THE LONGUE DURÉE (500 AD TO THE PRESENT)**  
González-Ruibal, Alfredo (Incipit-CSIC)
- 11:30 SMALL OBJECTS OF DESIRE: IMPORTED MATERIALS IN SOMALIA FROM THE ANTIQUITY TO THE 19TH CENTURY**  
de Torres Rodríguez, Jorge (British Museum)
- 11:45 GLOBALIZATION AGAINST TRADITIONS: WHAT IS THE FUTURE FOR THE POTTERY TRADITIONS IN THE NORTHERN ETHIOPIA?**  
Gaudiello, Michela (Freelance archaeologist)
- 12:00 THE VALUE OF THE MIFSAS BAHRI (TIGRAY, ETHIOPIA) RESULTS DESPITE THE BEWILDERING CRITICISM OF THE PUBLISHED REPORT OF 2017**  
Gaudiello, Michela - Yule, Paul Alan (Heidelberg University)
- 12:15 AND THEN WHAT HAPPENED? A ,MICRO‘ VIEW OF ASSIMILATION**  
Phillips, Jacke (SOAS, University of London; McDonald Institute, University of Cambridge)
- 12:30 COSMOPOLITAN COMMUNITIES. ARCHAEOLOGICAL PERSPECTIVES FROM EASTERN ETHIOPIA**  
Insoll, Timothy (Institute of Arab and Islamic Studies, University of Exeter)
- 12:45 DISCUSSION SLOT**

## 652 UNDERSTANDING CHANGE DURING THE UPPER PALAEOLITHIC AND MESOLITHIC

**ROOM:** CCCB11A

**TIME:** 8:30 - 13:00

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Grimm, Sonja (Centre for Baltic and Scandinavian Archaeology - ZBSA; SFB 1266 "Scales of Transformation") - Reynolds, Natasha (UMR 5199 PACEA, Université de Bordeaux)

### ABSTRACTS

#### 8:30 CHANGE AND THE ARCHAEOLOGICAL RECORD

Reynolds, Natasha (UMR 5199 PACEA, Université de Bordeaux) - Grimm, Sonja (ZBSA - Centre for Baltic and Scandinavian Archaeology)

#### 8:45 PUTTING OLD IDEAS INTO NEW BOXES - A NOVEL TYPOLOGY OF HUNTER-GATHERER SOCIOECOLOGICAL SYSTEM STATES

Bradtmöller, Marcel (University of Rostock) - Solich, Martin (University of Cologne)

#### 9:00 LOOKING FOR ANT IN PALAEOLITHIC

Mugaj, Jakub (Institute of Archaeology and Ethnology Polish Academy of Sciences)

#### 9:15 COMPARISON OF LITHIC RAW MATERIAL TERRITORIES DURING THE UPPER PALAEOLITHIC: METHODS, LIMITS AND CHALLENGE

Caux, Solène - Sécher, Anthony - Langlais, Mathieu - Bordes, Jean-Guillaume (De la Préhistoire à l'Actuel: Culture, Environnement et Anthropologie - PACEA - UMR 5199; Université de Bordeaux)

#### 9:30 THE TYPOLOGY OF FEMALE FIGURINES OF THE EASTERN GRAVETTIAN ON THE RUSSIAN PLAIN

Gavrilov, Konstantin (Institute of Archaeology Russian Academy of Sciences)

#### 9:45 UPPER PLENIGLACIAL HUNTER-GATHERER ARCHAEOLOGY IN THE WESTERN CARPATHIANS

Lengyel, Gyorgy - Wilczyński, Jarosław - Wojtal, Piotr (The Institute of Systematics and Evolution of Animals Polish Academy of Sciences)

#### 10:00 BONES AND LITHIC ARTEFACTS: HUMAN SUBSISTENCE STRATEGIES AT WILLENDORF II SITE

Wilczynski, Jaroslaw - Lengyel, György (Institute of Systematics and Evolution of Animals, Polish Academy of Sciences) - Göhlich, Ursula - Antl-Weiser, Walpurga (Natural History Museum Vienna) - Wojtal, Piotr (Institute of Systematics and Evolution of Animals, Polish Academy of Sciences)

#### 10:15 DISCUSSION SLOT

**11:00 CHANGES IN THE HUMAN SUBSISTENCE PATTERNS DURING THE PLEISTOCENE-HOLOCENE TRANSITION: A REVIEW OF DATA FROM THE IBERIAN MEDITERRANEAN CENTRAL REGION**

Margalef, Cristina (Departament de Prehistòria i Arqueologia. Universitat de València) - Sanchis, Alfred (Museu de Prehistòria de València. Servei d'Investigació Prehistòrica. Diputació de València) - Morales, Juan Vicente (Departament de Prehistòria i Arqueologia. Universitat de València) - Pérez, Leopoldo (Institut Català de Paleoecologia Humana i Evolució Social - IPHES; Àrea de Prehistòria, Universitat Rovira i Virgili - URV) - Vadillo, Margarita - Aura, Emilio - Villaverde, Valentín - Pérez-Ripoll, Manuel (Departament de Prehistòria i Arqueologia. Universitat de València)

**11:15 UNDERSTANDING HUMAN-ENVIRONMENT INTERACTION DURING THE UPPER PALEOLITHIC IN PORTUGAL: A MULTI-SCALE PERSPECTIVE ON THE HELP OR HINDRANCE OF TECHNO-TYOLOGICAL FRAMEWORKS**

Haws, Jonathan (University of Louisville; ICArEHB) - Cascalheira, João - Bicho, Nuno (Universidade do Algarve; ICArEHB)

**11:30 EXPLORING PERSONAL ORNAMENT PRODUCTION VARIATIONS DURING THE FINAL PALEOLITHIC**

Rigaud, Solange (CNRS)

**11:45 HOW CAN ARTIFICIAL INTELLIGENCE HELP US UNDERSTAND THE FINAL PALAEOOLITHIC PIONEERS?**

Grimm, Sonja (ZBSA - Centre for Baltic and Scandinavian Archaeology)

**12:00 TALKING STONES - RECONSTRUCTING A CHANGE IN SUBSISTENCE AND LANDSCAPE USE DURING THE MESOLITHIC IN SOUTHERN BAVARIA**

Richter, Thomas (Kreisarchäologie Landshut)

**12:15 DISCUSSION SLOT**

**POSTERS**

**a. HOW CAN WE DEFINE DIFFERENT VARIANTS OF THE GRAVETTIAN? THE CASE OF THE KOSTENKI COMPLEX, RUSSIA**

Bessudnov, Alexander (Institute for the History of Material Culture RAS)



## 668 FIELD SYSTEMS, CENTURIATIONS AND THE SHAPING OF CULTURAL LANDSCAPES: INTEGRATED AND LONG-TERM ANALYSIS

**ROOM:** CCCB12A

**TIME:** 8:30 - 13:00

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Palet, Josep Maria (GIAP. Institut Català d'Arqueologia Clàssica) - Carvalho, Helena Paula (Departamento de Historia. Instituto de Ciencias Sociais, Universidade do Minho) - Ortega Pérez, María Jesús (GIAP. Institut Català d'Arqueologia Clàssica) - Orengo Romeu, Hèctor A. (TwoRains Research Associate, McDonald Institute for Archaeological Research, University of Cambridge)

### ABSTRACTS

- 8:30 ROMAN SURVEYS IN SOUTH-EASTERN BRITANNIA: AN APPLICATION OF ALEXANDRIAN SCIENCE?**  
Peterson, John (University of East Anglia)
- 8:45 LEARNING TOPOGRAPHY AND CADASTER FROM THE OLDEST MANUALS EVER KNOWN: CORPUS AGRIMENSORUM ROMANORUM**  
Morintz, Alexandru (Institute of Archaeology)
- 9:00 AMONG VICENZA, PADOVA AND ESTE: FINDING TRACES OF THE ROMAN LANDSCAPE IN A BORDERLAND**  
Matteazzi, Michele (Catalan Institute of Classical Archaeology)
- 9:15 COLONY OF PRAENESTE: THE CHALLENGE OF A CONTINUOUSLY CHANGING LANDSCAPE**  
Pintucci, Alessandro (University of Rome „Sapienza“)
- 9:30 LANDSCAPE CHANGES, SETTLEMENT AND CENTURIED SYSTEMS IN THE HINTERLAND OF EMPORION-EMPORIAE (NORTH-EASTERN CATALONIA)**  
Palet, Josep Maria (Institut Català d'Arqueologia Clàssica) - Garcia Molsosa, Arnau (McDonald Institute for Archaeological Research. University of Cambridge) - Ejarque Montolio, Ana (Université Clermont Auvergne, CNRS, GEOLAB) - Rodrigo Requena, Esther - Ortega Pérez, María Jesús (Institut Català d'Arqueologia Clàssica) - Orengo Romeu, Hèctor A. (McDonald Institute for Archaeological Research. University of Cambridge) - Riera Mora, Santi (Seminaris d'Estudis i Recerques Prehistòriques, Universitat de Barcelona)
- 9:45 THE MAKING OF A MEDITERRANEAN LANDSCAPE. THE SHAPING OF THE TERRITORY OF VALENCIA IN ROMAN TIMES AND ITS SYMBOLIC BACKGROUND**  
Ortega, María Jesús - Palet, Josep Maria (Catalan Institute of Classical Archaeology) - Orengo, Hèctor A. (McDonald Institute for Archaeological Research. University of Cambridge)
- 10:00 DISCUSSION SLOT**

- 11:00 THE STRUCTURING OF A ROMAN COUNTRYSIDE: ROAD NETWORK, SETTLEMENT PATTERNS AND ANCIENT LAND-SURVEYING IN THE CONGOST AND MOGENT VALLEYS (BARCELONA)**  
Garcia, Arnau (McDonald Institute for Archaeological Research. University of Cambridge) - Oliver, Jaume (Universitat de Girona) - Flórez, Marta (Institut Català d'Arqueologia Clàssica)
- 11:15 AN ARCHAEMORPHOLOGICAL APPROACH TO THE AGER VALLEY HISTORIC LANDSCAPE. PATTERN CHANGES BETWEEN THE 5TH AND THE 13TH CENTURIES**  
Porcheddu, Antonio (Universitat de Lleida)
- 11:30 CONFIGURATIONS OF THE CONTEMPORARY LANDSCAPE: BRACARA AUGUSTA AND THE ROMAN CENTURIATION**  
Brito, Sandra (Faculdade de Arquitectura da Universidade do Porto; Laboratório de Paisagens, Património e Território - Universidade do Minho) - Carvalho, Helena Paula (Departamento de História, Instituto de Ciências Sociais - Universidade do Minho; Laboratório de Paisagens, Património e Território - Universidade do Minho) - Labastida Juan, Marta (Escola de Arquitectura da Universidade do Minho; Laboratório de Paisagens, Património e Território - Universidade do Minho) - Pinto da Silva, Madalena (Faculdade de Arquitectura - Universidade do Porto; Centro de Estudos de Arquitectura e Urbanismo - Faculdade de Arquitectura da Universidade do Porto)
- 11:45 ROMAN ROAD NETWORK AND CENTURIATION AROUND BRACARA AUGUSTA: THE CASE STUDY OF THE VIA XVIII**  
Silva, João - Carvalho, Helena (Universidade do Minho)
- 12:00 TRACES OF ANCIENT AGRICULTURAL ACTIVITIES RECORDED IN POLISH WOODLANDS**  
Jakubczak, Michal (Institute of Archaeology and Ethnology Polish Academy of Sciences) - Budziszewski, Janusz - Dobięgała, Mateusz (Institute of Archaeology Cardinal Stefan Wyszyński University in Warsaw)
- 12:15 DISCUSSION SLOT**

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## 674 ARCHAEOLOGY FOR ALL: SOCIAL IMPACT OF ARCHAEOLOGICAL RESEARCH IN COLLECTIVES WITH SOCIAL AND SPECIAL NEEDS AND NEWCOMERS

**ROOM:** UB208

**TIME:** 14:00 - 18:30

**THEME:** Museums and the challenges of archaeological outreach in the 21st century

**FORMAT:** Regular session

**ORGANISERS:** Masriera-Esquerri, Clara (Universitat Autònoma de Barcelona - UAB) - Gibaja-Bao, Juan Francisco (Institució Milà i Fontanals - CSIC-IMF, Consejo Superior de Investigaciones Científicas Departament d'Arqueologia i Antropologia) - Valenzuela-Lamas, Silvia (Institució Milà i Fontanals - CSIC-IMF, Consejo Superior de Investigaciones Científicas Departament d'Arqueologia i Antropologia) - Nevado-Martínez-de la Casa, Anibal (Universitat Autònoma de Barcelona - UAB) - Bennett, Richard (Breaking Ground Heritage)

**14:00 THE ROLE OF ARCHAEOLOGY AND HERITAGE IN THE PROMOTION OF RECOVERY TO COMBAT VETERANS SUFFERING COMPLEX TRAUMAS IN THE UK**

Bennett, Richard (Breaking Ground Heritage)

**14:15 REH-ARK: REHABILITATION THROUGH ARCHAEOLOGY (PILOT PROJECT ON THE PSYCHOLOGICAL EFFECTS OF AMATEUR METAL DETECTING FOR DANISH VETERANS SUFFERING FROM PTSD)**

Dobat, Andres (Department of Archaeology, Aarhus University)

**14:30 AN INCLUSIVE AND BARRIER-FREE SCIENCE: SCIENTIFIC DISSEMINATION TO ,FORGOTTEN SOCIAL GROUPS‘**

Gibaja, Juan - Valenzuela, Silvia (CSIC) - Higuera, Santiago (Casal Folch i Torres) - Nieto, Ariadna - González, Araceli - Mozota, Millán (CSIC) - López, Vanessa (Departament d'Educació de la Generalitat de Catalunya)

**14:45 FROM RECOVERY TO REHABILITATION TO RESKILLING: SHIFTING THE EMPHASIS**

Everill, Paul (University of Winchester)

**15:00 WHEN IS ARCHAEOLOGY FOR ALL?**

Facchin, Giulia (University of Roma Tre)

**15:15 ARCHAEOLOGICAL ARTEFACTS AND INCLUSIVE SEX EDUCATION: EXPLORING GENDER AND SEXUAL DIVERSITY IN SCHOOLS AND BEYOND**

Grove, Jen (University of Exeter)

**15:30 DISCUSSION SLOT**

**16:30 LOCAL MUSEUMS AS OPPORTUNITIES OF INCLUSION AND SOCIAL CHANGE**

Minuesa, Helena (Museum of Sant Cugat - Ajuntament de Sant Cugat)

**16:45 THE TACTILE GAZE. PLAY THE STORY**

Rius Font, Lluís (Oficina de Patrimoni Cultural, Diputació de Barcelona) - Llop Rigol, Josep Maria (Àrea d'Atenció a les Persones, Diputació de Barcelona) - Bosch Argilagós, Josep (Museu de Gavà) - Comasòlivas Font, Joan (Museu d'Història de Sabadell) - Francès Ferré, Joan (Museu d'Història de Cerdanyola) - Mestres Santacreu, Imma (Centre d'Interpretació i jaciment El Camp de les Lloses) - Ocaña Subirana, Maria (Museu Arqueològic de l'Esquerda) - Tenas Busquets, Montse (Museu Municipal de Montmeló)

**17:00 MULTICULTURAL SCHOOLS AND LOCAL HERITAGE: SHARING LIFE, CONSTRUCTING COMMON HERITAGES**

Masriera-Esquerda, Clara (Universitat Autònoma de Barcelona) - Feliu-Torruella, Maria (Universitat de Barcelona)

**17:15 ROYAL MONASTERY OF SANTA MARIA DE PEDRALBES, HOW TO MAKE INCLUSION POSSIBLE**

Urgell, Ferran (Municipal Institute for People with Disabilities - Barcelona City Council)  
 - Bonet, Gemma (Royal Monastery of Santa Maria de Pedralbes - Barcelona City Council) -  
 Anguita, Yolanda (Municipal Institute for People with Disabilities - Barcelona City Council)  
 - Castellano, Anna (Royal Monastery of Santa Maria de Pedralbes - Barcelona City Council)

**17:30 VULNERABILITY, PARTICIPATION AND CITIZENSHIP: A RESEARCH PROJECT WHICH CONSIDERS NEIGHBORHOODS OF THE REGION OF MADRID AND THEIR CULTURAL HERITAGE**

Castillo, Alicia - Dominguez, Marta (Society, Environment and Territory Research Team.  
 Complutense University of Madrid)

**17:45 KNOWING OUR PUBLICS, LEARNING INCLUSION. THE STUDY CASE OF LA ROCA DELS BOUS (NEANDERTHAL SITE)**

Nevado, Anibal (Universitat Autònoma de Barcelona - UAB; Associació Recerca i Difusió del Patrimoni Històric) - Masriera, Clara (Universitat Autònoma de Barcelona - UAB)

**18:00 DISCUSSION SLOT****676 LAND USE IN AFRICA: NEW METHODS, PERSPECTIVES, AND DATA CHALLENGES**

ROOM: UB308

TIME: 8:30 - 10:30

THEME: Theories and methods in archaeological sciences

FORMAT: Discussion session

ORGANISERS: Kay, Andrea (University of Lausanne) - Biagetti, Stefano (Universitat Pompeu Fabra)

**ABSTRACTS****8:30 ARCHAEOLOGICAL CHARCOAL AS A METHOD FOR ASSESSING PAST LAND USE AND LAND COVER IN WEST AFRICA: PERSPECTIVES AND DATA CHALLENGES**

Höhn, Alexa (Goethe University)

**8:40 ARCHAEOLOGY AND SPACE: REVISITING THE SETTLEMENT PATTERN OF LATE IRON AGE SITES IN SOUTHERN AFRICA USING SPATIAL TECHNOLOGY**

Siteleki, Mncedisi (University of Oslo)

**8:50 PASTORALISM AND LAND USE IN THE TANZANIAN RIFT VALLEY AND HIGHLANDS: CURRENT AND PROSPECTIVE RESEARCH**

Prendergast, Mary (Saint Louis University) - Grillo, Katherine (University of Wisconsin - La Crosse) - Contreras, Daniel (University of Maryland) - Gidna, Agness (National Museums of Tanzania) - Goldstein, Steven (Max Planck Institute for the Science of Human History) -

Mabulla, Audax (National Museums of Tanzania) - Storozum, Michael (Earth Observatory of Singapore, Nanyang Technological University)

**9:00 THE COMPLEX RELATIONSHIP BETWEEN IRON PRODUCTION AND FOREST RESOURCES IN EAST AFRICA**

Iles, Louise (University of Sheffield)

**9:10 TOWARD A LAND USE MAP OF THE SAHARA**

Biagetti, Stefano (Universitat Pompeu Fabra; University of the Witwatersrand) - Zerboni, Andrea (University of Milan) - Merlo, Stefania (University of the Witwatersrand) - Madella, Marco (Universitat Pompeu Fabra; ICREA)

**9:20 DISCUSSION SLOT**

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**677 COMMUNITIES, ENVIRONMENT AND RESOURCES: THE STRUCTURATION OF CULTURAL LANDSCAPES IN PREHISTORIC SICILY AND THE CENTRAL MEDITERRANEAN BASIN**

**ROOM:** UB4G

**TIME:** 8:30 - 16:00

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Speciale, Claudia (Istituto Nazionale di Geofisica e Vulcanologia, Napoli) - Giannitrapani, Enrico (Arkeos S.C. - Servizi Integrati per i Beni Culturali) - Ayala, Gianna (Department of Archaeology, University of Sheffield)

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**ABSTRACTS**

**8:30 THE FIRST PEOPLING OF SICILY: DISCUSSING A NEW CHRONOLOGY**

di Maida, Gianpiero (Graduate School Human Development in Landscapes, Christian-Albrechts Universität zu Kiel) - Mannino, Marcello (Department of Archaeology and Heritage Studies, School of Culture and Society, Aarhus University; Department of Human Evolution, Max Planck Institute for Evolutionary Anthropology) - Talamo, Sahra (Department of Human Evolution, Max Planck Institute for Evolutionary Anthropology)

**8:45 THREE MOMENTS IN THE POLITICAL PREHISTORY OF A MEDITERRANEAN LANDSCAPE**

Robb, John (University of Cambridge) - Chesson, Meredith (University of Notre Dame) - Foxhall, Lin (University of Liverpool) - Michelaki, Kostalena (Arizona State University) - Yoon, David (American Numismatic Society)

**9:00 A GEOARCHAEOLOGICAL HISTORY OF LANDSCAPE CHANGE IN SOUTHWEST SICILY**

Salisbury, Roderick - Sevara, Christopher (Department of Prehistoric and Historical Archaeology, University of Vienna) - Draganits, Erich (Institute of Applied Geology, University of Natural Resources and Life Sciences, Vienna) - Doneus, Michael (Department of Prehistoric and Historical Archaeology, University of Vienna) - Tusa, Sebastiano (Soprintendenza

del Mare, Regione Siciliana) - Schilk, Sheba - Frazzetta, Cipriano (Department of Prehistoric and Historical Archaeology, University of Vienna)

**9:15 GEOARCHAEOLOGICAL AND GEOPHYSICAL ANALYSES AT THE COPPER/BRONZE AGE SETTLEMENT OF CASE BASTIONE (VILLAROSA) AND THE PREHISTORIC LANDSCAPE OF CENTRAL SICILY**

Ianni, Filippo - Giannitrapani, Enrico (Arkeos - Servizi integrati per i Beni Culturali, Enna) - Dolfini, Andrea - Shillito, Lisa Marie (School of History, Classics and Archaeology, University of Newcastle) - Anguilano, Lorna (Experimental Techniques Centre, Brunel University, London) - Di Mattia, Paolo (Geologist, independent researcher, Enna)

**9:30 PROTOHISTORIC LANDSCAPES IN SARDINIA (ITALY): TERRITORIAL CONTROL AND EXPLOITATION OF NATURAL RESOURCES IN THE MIDDLE AND LATE BRONZE AGE**

Cielloni, Riccardo (University of Cagliari) - Cabras, Marco (Doctorado en Historia y Artes - Arqueología y Cultura Material, Universidad de Granada)

**9:45 PALAEOENVIRONMENTAL DYNAMICS AND THE LATE BRONZE AGE/IRON AGE OCCUPATION (1300-600 CAL BC) OF THE EREI UPLANDS (CENTRAL SICILY)**

Valbruzzi, Francesca (Soprintendenza BB.CC.AA. - Enna)

**10:00 DISCUSSION SLOT**

**11:00 THE CHERT FORMATIONS OF SICILY AND THEIR RELATIONSHIP WITH THE NEOLITHIC CHERT ARTEFACTS OF MALTA**

Chatzimpaloglou, Petros - French, Charles - Stoddart, Simon (University of Cambridge) - Pedley, Martyn (University of Hull)

**11:15 THE USE AND DISTRIBUTION OF LIPARI OBSIDIAN IN PREHISTORIC SICILY AND THE CENTRAL MEDITERRANEAN**

Tykot, Robert - Vianello, Andrea (University of South Florida) - Freund, Kyle (Indian River State College)

**11:30 SETTLEMENT PATTERNS IN THE CENTRAL AND SOUTHEASTERN AREA OF IBERIAN PENINSULA: A LANDSCAPE APPROACH IN A EVOLUTIONARY FRAMEWORK**

Escribá Ruiz, M<sup>a</sup> Pilar - Jiménez-Puerto, Joaquín R. - Bernabeu Aubán, Joan - Orozco-Köhler, Teresa (Universitat de València)

**11:45 SALT, SULPHUR, METAL ORES: THE PLATANI VALLEY AS A CORE AREA FOR PRODUCTION, TRADE AND CULTURAL CONTACTS WITH THE MEDITERRANEAN**

Gulli, Domenica (Soprintendenza Beni Culturali di Agrigento)

**12:00 ACROSS THE STRAIT. NEW EVIDENCE ABOUT CULTURAL INTERCONNECTIONS AND EXCHANGE BETWEEN CALABRIA AND SICILY DURING THE EARLY BRONZE AGE**

Marino, Sara (Sapienza University of Rome)

**12:15 OF POTS, PEOPLE AND CULTURAL LANDSCAPES: SICILY IN THE EARLY BRONZE AGE**

Piccione, Paola (Independent researcher) - Copat, Valentina (Independent researcher) - Costa, Annalisa (Dipartimento di Lettere e Filosofia, Università di Trento)

**12:30 DISCUSSION SLOT****14:00 PALYNOLOGY FROM MEDITERRANEAN ARCHAEOLOGICAL SITES FOR CULTURAL LANDSCAPE RECONSTRUCTION**

Mercuri, Anna Maria - Florenzano, Assunta - Torri, Paola - Montecchi, Maria Chiara - Rattighieri, Eleonora - Mazzanti, Marta (Università di Modena e Reggio Emilia)

**14:15 NEW PERSPECTIVES ON THE PREHISTORY OF THE GULF OF PALERMO: THE NECROPOLEIS OF COZZO SAN PIETRO AND VIALE VENERE**

Battaglia, Giuseppina (Soprintendenza BB.CC.AA. di Palermo) - Miccichè, Roberto - Sineo, Luca - Valenti, Pietro (Università degli Studi di Palermo) - Mannino, Marcello (Aarhus University)

**14:30 SOCIO-POLITICAL COMPLEXITY IN SICILIAN EARLY BRONZE AGE: THE CASE STUDY OF CASTELLUCCIO**

Crispino, Anita (Museo Archeologico Regionale Paolo Orsi Siracusa)

**14:45 THE PREHISTORIC VILLAGE OF CASE BASTIONE (CENTRAL SICILY): PALAEOENVIRONMENTAL AND PALAEOECONOMIC DATA FROM CENTRAL SICILY BETWEEN COPPER AND BRONZE AGE**

Giannitrapani, Enrico - Ianni, Filippo (Arkeos - Servizi integrati per i Beni Culturali, Enna) - Speciale, Claudia (Istituto Nazionale di Geofisica e Vulcanologia, Napoli) - Combourieu-Nebout, Nathalie (UMR 7194 HNHP, CNRS - Muséum National d'Histoire Naturelle, Paris) - Di Sansebastiano, Gian Pietro (DISTeBA, Università del Salento, Lecce) - Chilardi, Salvatore (Archeo Natura Sicilia, Siracusa)

**15:00 BEYOND CHRONO-TYOLOGY: THE ROLE OF CERAMIC ANALYSES IN SHAPING OUR UNDERSTANDING OF THE CULTURAL LANDSCAPES OF PREHISTORIC SICILY**

Mentesana, Roberta (University of Sheffield) - Fragnoli, Pamela (Austrian Archaeological Institute - OeAI)

**15:15 DISCUSSION SLOT****679 MEDIEVAL NON-PLACES: SITES OF TRANSIENCE IN THE MEDIEVAL WORLD**

**ROOM:** UB411

**TIME:** 14:00 - 17:30

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Jervis, Ben (Cardiff University) - Tys, Dries (Vrije Universiteit Brussel)



## ABSTRACTS

- 14:00 MODELLING MEDIEVAL LANDSCAPES IN HIGH MOUNTAIN AREAS: HERDER SETTLEMENTS IN CENTRAL PYRENEES**  
Garcia Casas, David - Gassiot, Ermengol (Universitat Autònoma de Barcelona. Departament de Prehistòria) - Nunes, Joan (Universitat Autònoma de Barcelona. Departament de Geografia.) - Salvador, Guillem (Universitat Autònoma de Barcelona. Departament de Prehistòria)
- 14:15 MEDIEVAL EUROPEAN MONASTERIES AS NON-PLACES**  
Goodson, Caroline (Cambridge University)
- 14:30 ABOUT THE SEARCH FOR THE FORMER PLACES OF EXECUTION IN SILESIA - THE FIRST YEAR OF THE PROJECT (POLAND)**  
Majorek, Magdalena (Institute of Archaeology, NCU in Toruń) - Wojtucki, Daniel (Faculty of Historical and Pedagogical Sciences; University of Wrocław)
- 14:45 DISCUSSION SLOT**
- 15:00 THE ARCHAEOLOGY OF PUBLIC SPACE FROM THE GROUND UP: THE CASE OF SONGO MNARA, TANZANIA**  
Fleisher, Jeffrey (Rice University)
- 15:15 MEDIEVAL MARKETS AND ASSEMBLY PLACES AS NON-PLACE?**  
Tys, Dries (Vrije Universiteit Brussel) - Wouters, Barbora (Urbnet, Aarhus University; Brussels Free University)
- 15:30 COPENHAGEN HARBOUR; MARGINAL AREA, ZONE OF HIERARCHICAL CONTROLLED EXPANSION OR AREA OF MERCANTILE COMMERCIAL LED GROWTH?**  
Whatley, Stuart (Museum of Copenhagen)
- 15:45 DISCUSSION SLOT**
- 16:30 „EMPTY SPACES” IN MEDIEVAL TOWNS - PLACES OF EXCLUSION OR PROGRESS?**  
Cembrzynski, Pawel (Institute of Archaeology and Ethnology, Polish Academy of Sciences)
- 16:45 ADVENTURES IN SMOOTH SPACE: SPACES OF DECAY IN MEDIEVAL TOWNS**  
Jervis, Ben (Cardiff University, School of History, Archaeology and Religion)
- 17:00 DISCUSSION SLOT**



## 687 REVAMPING VALUE(S): ON THE DESTRUCTION OF VALUE DURING THE BRONZE AND IRON AGE IN EUROPE AND THE MEDITERRANEAN

ROOM: UB412

TIME: 14:00 - 17:30

THEME: The archaeology of material culture, bodies and landscapes

FORMAT: Regular session

ORGANISERS: Poigt, Thibaud (Toulouse Jaurès University - UMR 5608 TRACES; Bordeaux Montaigne University - UMR 5607 Ausonius; Casa de Velázquez) - Melheim, Lene (Museum of Cultural History, Oslo) - Gorgues, Alexis (Bordeaux Montaigne University - UMR 5607 Ausonius)

### ABSTRACTS

#### 14:00 INTRODUCTION: ON THE DESTRUCTION OF VALUE DURING THE BRONZE AND IRON AGE IN EUROPE AND THE MEDITERRANEAN

Poigt, Thibaud (Bordeaux Montaigne University – UMR 5607 Ausonius; Toulouse Jean Jaurès University - UMR 5608 TRACES) - Gorgues, Alexis (Bordeaux Montaigne University – UMR 5607 Ausonius) - Melheim, Lene (Museum of Cultural History, Oslo)

#### 14:15 EXAGGERATED ORNAMENTATION: THE DEPOSITION OF VALUABLE BEADS IN EBA I GRAVES AT BAŞUR HÖYÜK, TURKEY

Baysal, Emma (Trakya University) - Sağlamtimur, Haluk (Ege University)

#### 14:30 CUT INTO PIECES... FOR THE GODS? ALTERATIONS OF OBJECTS IN THE BRONZE AGE HOARDS IN THE REGION OF SALINS-LES-BAINS (FRANCE)

Gauthier, Estelle (University of Franche-Comté; UMR CNRS 6249 Chrono-Environnement) - Piningre, Jean-François (UMR CNRS 6298 ARTeHIS)

#### 14:45 DISCUSSION SLOT

#### 15:00 THE BURIED SKILL. TOOL HOARDING IN THE WESTERN EUROPEAN LATE PREHISTORY

Gorgues, Alexis (University of Bordeaux Montaigne; UMR 5607 Ausonius)

#### 15:15 ON TEMPORALITY AND THE WITHDRAWAL OF INALIENABLE VALUABLES: THE VESTBY HOARD REVISITED

Melheim, Lene (Museum of Cultural History University of Oslo) - Lund, Julie (Dept. of Archaeology, Conservation and History, University of Oslo)

#### 15:30 COMPOSING AND RECOMPOSING VALUES OF THE GALLIC HELMETS

Bertaud, Alexandre (Ausonius Laboratory; University Bordeaux Montaigne)

#### 15:45 DISCUSSION SLOT

#### 16:30 INTRINSIC, FACE AND METROLOGICAL VALUE: ASYMMETRIC REVAMPING OF WEIGHTS VALUE

Poigt, Thibaud (Univ. Toulouse Jean Jaurès - UMR TRACES; Univ. Bordeaux Montaigne - UMR Ausonius) - Delanaye, Lysiane (Univ. catholique de Louvain - INCAL)

**16:45 DEPOSITION, TRANSFORMATION, RETRIEVAL: THE VALUE OF OBJECTS FROM REOPENED GRAVES**

van Haperen, Martine (Leiden University)

**17:00 DISCUSSION SLOT****689 THE ARCHAEOLOGY AND HERITAGE OF SALTSAPES: THE SYNERGY OF ENVIRONMENT AND CULTURE**

**ROOM:** UB401

**TIME:** 14:00 - 18:00

**THEME:** Archaeology and the European Year of Cultural Heritage

**FORMAT:** Regular session

**ORGANISERS:** Kavruk, Valerii (The Alexandru Ioan Cuza University, Iași; The Museum of Eastern Carpathians, Sfântu Gheorghe) - Hueso Kortekaas, Katia (ICAI School of Engineering - Comillas Pontifical University in Madrid; IPAISAL - Institute of Saltscapes and Salt Heritage)

**ABSTRACTS****14:00 ROMAN SALT LANDSCAPES IN NORTHWEST IBERIA: THE „MAR DE SAL“ PROJECT**

Currás, Brais X. (Universidade de Coimbra)

**14:15 ARTISANAL SALT MAKING BY SOLAR EVAPORATION - A KEY TO THE PRESERVATION OF NATURAL AND CULTURAL HERITAGE OF SALTSAPES**

Hueso Kortekaas, Katia (IPAISAL; Universidad Pontificia de Comillas - ICAI)

**14:30 DISCOVERING THE ORIGINAL PURPOSE ENGINEERED QANAT SALT LEACHING SYSTEM COMPARED TO THE POST ISLAMIC DOMESTIC SWEET WATER AGRICULTURAL ‘SPATE’ IRRIGATION**

Bloch, David (Salt Archive M.R.Bloch)

**14:45 THE LANDSCAPE OF PREHISTORIC SALT EXPLOITATIONS IN THE MOLDAVIAN SUBCARPATHIANS (ROMANIA)**

Nicola, Ciprian - Diaconu, Vasile (Complexul Muzeal Judetean Neamt)

**15:00 TOWARDS THE SAFEGUARDING OF THE SALTSAPES IN TRANSYLVANIA AND MARAMURE?**

Kavruk, Valerii (The National Museum of Eastern Carpathians; The Alexandru Ioan Cuza University)

**15:15 TOPONYMY AND SALTSAPES IN ROMANIA**

Asandulesei, Mihaela (Interdisciplinary Research Department - Field Science, "Alexandru Ioan Cuza" University of Iași)

**15:30 DISCUSSION SLOT**

**16:30 ETHNOMEDICINAL PARAMETERS IN THE FRAMEWORK OF ETHNOARCHAEOLOGICAL RESEARCH ON SALT IN ROMANIA**

Asandulesei, Mihaela (Interdisciplinary Research Department-Field Science, „Alexandru Ioan Cuza“ University of Iași)

**16:45 SALTSCAPE: AN OPENED AND DYNAMIC BIOTOPE GOVERNED BY SALT. TRACING MARKERS RELATED TO ANTHROPIC ACTIVITIES**

Asandulesei, Andrei - Tencariu, Felix-Adrian - Caliniuc, Stefan (Interdisciplinary Research Department - Field Science, „Alexandru Ioan Cuza“ University from Iași)

**17:00 THE NORTH PONTIC SALTSAPES**

Kavruk, Valerii (The National Museum of Eastern Carpathians; The Alexandru Ion Cuza University) - Ivanova, Svetlana (The Institute of Archaeology of the National Academy of Ukraine) - Alexianu, Marius-Tiberiu (The Alexandru Ion Cuza University)

**17:15 SAFEGUARDING THE INTANGIBLE HERITAGE OF SALT: THE CONCEPT OF A VIRTUAL MUSEUM OF HALOTHERAPY**

Curca, Roxana-Gabriela (Alexandru Ioan Cuza University of Iași)

**17:30 DISCUSSION SLOT****700 RE-APPROACHING IDENTITY IN ARCHAEOLOGY**

ROOM: UB210

TIME: 8:30 - 18:30

THEME: The archaeology of material culture, bodies and landscapes

FORMAT: Regular session

ORGANISERS: Gomes, Sergio (CEAACP - University of Coimbra) - Arezes, Andreia (DCTP - FLUP; CITCEM) - Vale, Ana (CITCEM - University of Porto) - Garcia Rovira, Irene (University of Manchester)

**ABSTRACTS****8:30 RE-APPROACHING IDENTITY: INTRODUCTION**

Gomes, Sergio (CEAACP - University of Coimbra) - Arezes, Andreia (DCTP - FLUP; CITCEM) - Vale, Ana (CITCEM) - Garcia Rovira, Irene (University of Manchester)

**8:45 SETTING ARTEFACTS FREE: NEW INSIGHTS ON IDENTITY IN LIGHT OF REFINED ARTEFACT-INDEPENDENT CHRONOLOGIES**

Adams, Sophia - Hamilton, Derek (University of Glasgow)

**9:00 TRACING CHANGES IN FOOD PRACTICE AND SOCIO-POLITICAL DEVELOPMENT IN IRON AGE SCANDINAVIA**

Bukkemoen, Grethe (Dep. of Archaeology, Conservation and History, University of Oslo)

- 9:15 PREHISTORIC FLINT INDUSTRIES AS IDENTITY TRAJECTORIES: A CASE STUDY FROM BULGARIA**  
Gurova, Maria (National Institute of Archaeology with Museum)
- 9:30 SYNCRETISM AND SOCIAL GROUPS: ESTABLISHING PRODUCERS' IDENTITY THROUGH METALWORK IN VIKING AGE LINCOLNSHIRE**  
Libby, Kathryn (University of Sheffield)
- 9:45 IDENTITIES IN TRANSITION: LIVING LIKE A ROMAN IN INDIGENOUS CONTEXTS**  
Peñalver, Tamara (Dpto. Prehistoria, Arqueología e Historia Antigua, Universidad de Valencia) - Moreno, Manuel (Dpto. Prehistory and Archaeology, University of Granada; Faculty of Classics, University of Cambridge)
- 10:00 THE ROLE OF IMAGERY IN THE PROCESSES OF IDENTITY CONSOLIDATION DURING RECENT PREHISTORY IN THE NORTHERN PLATEAU OF IBERIAN PENINSULA**  
Barbosa, Maria (FLUP - Oporto University; CITCEM - Transdisciplinary „Culture, Space and Memory“ Research Centre; FCT – Portuguese Foundation for Science and Technology)
- 10:15 DISCUSSION SLOT**
- 11:00 STUDY OF LIDS IN PALESTINE DURING THE HELLENISTIC AND ROMAN PERIODS -THROUGH THE ANCIENT'S POTTER'S VIEW**  
Makino, Kumi (Kamakura Women's University)
- 11:15 IMPERIAL IDEOLOGY IN THE CONSTRUCTION OF SOCIAL IDENTITIES. THE CONTEXTUALIZED STUDY OF FLAVIAN DYNASTY REPRESENTATIONS IN HISPANIC POTTERY**  
Gordillo Salguero, David (University of Salamanca; FPU13/05106. Ministerio de Educación, Cultura y Deporte)
- 11:30 FAMILY IDENTITIES IN IRON AGE VENETO: A METHODOLOGICAL APPROACH TO THE STUDY OF BURIALS**  
Bortolami, Fiorenza (Ca' Foscari University of Venice)
- 11:45 IDENTITIES IN ROMAN FUNERARY CONTEXTS FROM A NUMISMATIC APPROACH**  
Blázquez Cerrato, Cruces - Andújar Suárez, Ana (University of Salamanca)
- 12:00 KINSHIP AND ARTIFICIAL BODY DEFORMATION OF CHILDREN FROM SAN FRANCISCO, YAUCA (PERU)**  
Socha, Dagmara (Antiquity of Southeastern Europe Research Centre, University of Warsaw)
- 12:15 IS THERE ARCHAEOLOGICAL EVIDENCE FOR THE SOCIAL TREATMENT OF DISABLED PERSONS: THREE CASES OF CRIPPLED INDIVIDUALS FROM ARCHAEOLOGICAL CONTEXT (SERBIA)**  
Djukic, Ksenija - Pavlovic, Tamara - Djuric, Marija (Laboratory for Anthropology, Faculty of Medicine, Belgrade)

- 12:30 PERSPECTIVES ON THE IDENTITY AND ETHNICITY OF “BARBARIAN” PEOPLES IN IBERIA: FROM ANCIENT WRITTEN SOURCES TO MODERN ARCHAEOLOGICAL APPROACHES**  
Arezes, Andreia (CITCEM; Faculty of Arts - University of Porto)
- 12:45 DISCUSSION SLOT**
- 14:00 BEHIND EVERY GREAT (RO)MAN... A CASE STUDY ON NORTH-WEST ITALIAN MORTUARY ARCHAEOLOGY IN THE WAKE OF THE ROMAN CONQUEST**  
Scheffler, Sarah (University of Leicester)
- 14:15 FOOD FOR MANIPULATION: TRANSFORMATIONS OF GENDER IDENTITIES IN LATIUM VETUS (ITALY) FROM THE 10TH TO THE 6TH CENTURY BC**  
Venderbos, Ilona (Vrije Universiteit Amsterdam; CLUE +)
- 14:30 CRAFTSMEN OR RITUAL SPECIALISTS? SOCIAL IDENTITY OF CHALCOLITHIC METALWORKERS IN THE LEVANT**  
Gošić, Milena (Department of Archaeology, University of Belgrade)
- 14:45 BUTCHERY AS A BORDERLINE SYNDROM – THE IDENTITY OF THE BUTCHER IN IRON AGE SWEDEN**  
Stolle, Bettina (Stockholm University)
- 15:00 „FOR THE LOVE OF GOD AND ARCHAEOLOGY“: THE AFFECTIVE ECONOMY OF PORTUGUESE ARCHAEOLOGISTS DURING THE „ESTADO NOVO“ DICTATORSHIP**  
Gomes Coelho, Rui (Cultural Heritage and Preservation Studies, Rutgers University)
- 15:15 HOLDING AND LETTING GO. REGIONAL IDENTITIES OF MARGINALITY THROUGH 1800 YEARS**  
Christiansen Broch, Mathias (De Kulturhistoriske Museer i Holstebro kommune; University of Copenhagen, The Saxo Institute)
- 15:30 RE-DEFINING IDENTITY THROUGH A REGIONAL ANALYSIS OF THE PERSONAL ADORNMENT OF UPPER PALAEOLITHIC EUROPE**  
Kang, Amanpreet (University of Sydney)
- 15:45 DISCUSSION SLOT**
- 16:30 IDENTITY AS A STRUCTURED SOCIAL PRACTICE AMONG HUNTER-GATHERERS IN SOUTHERN NORWAY**  
Olsen, Dag Erik Færø (University of Bergen)
- 16:45 TWO MEROVINGIAN GRAVES IN SOUTHERN GERMANY – THE SOCIAL CONSTRUCTION OF IDENTITIES?**  
Werner, Michael (Archaeological Institute, Dept. of Early Medieval and Medieval Archaeology; University of Freiburg)
- 17:00 IDENTITY AND POWER RELATIONSHIPS: THE CASE OF THE SO-CALLED ‘VISIGOTHIC BURIALS’**  
Tejerizo, Carlos (Institute of Heritage Science, CSIC)

**17:15 THE OTHER BODY: MULTIPLE BURIALS ACROSS VIKING AGE SCANDINAVIA AND THE INSULAR WORLD**

Ratican, Claire (University of Cambridge)

**17:30 DISCUSSION SLOT****709 RAW MATERIALS SOURCING AND EXPLOITATION IN MOUNTAIN REGIONS: RESOURCE-HUMAN-LANDSCAPE DYNAMICS FROM PREHISTORY TO HISTORICAL PERIODS**

ROOM: UB407

TIME: 14:00 - 18:30

THEME: The archaeology of material culture, bodies and landscapes

FORMAT: Regular session

ORGANISERS: Gutierrez Garcia-M., Anna (Institut Català d'Arqueologia Clàssica - ICAC; Universitat Autònoma de Barcelona - UAB) - Sánchez De la Torre, Marta (IRAMAT-CRP2A UMR 5060 CNRS - Université Bordeaux Montaigne)

**ABSTRACTS****14:00 QUARTZITE PROCUREMENT IN CONGLOMERATES AND DEPOSITS IN PICOS DE EUROPA: DIALECTIC EXPLOITATION OF RESOURCES IN MIDDLE AND LOWER ALTITUDES**

Prieto, Alejandro - García-Rojas, Maite - Yusta, Iñaki (University of the Basque Country) - Baena, Javier (Autonomous University of Madrid) - Arrizabalaga, Álvaro (University of the Basque Country)

**14:15 NEW INSIGHTS INTO PALAEO-LITHIC HUMAN MOBILITY THROUGH THE PYRENEES**

SSánchez De La Torre, Marta (PPVE. Universidad de Zaragoza; SERP. Universitat de Barcelona) - Mangado, Xavier (SERP. Universitat de Barcelona) - Le Bourdonnec, François-Xavier - Gratuze, Bernard (IRAMAT-CEB - UMR 5060) - Domingo, Rafael - Montes, Lourdes (PPVE. Universidad de Zaragoza) - Sacchi, Dominique (TRACES - UMR 5608) - Utrilla, Pilar (PPVE. Universidad de Zaragoza) - Fullola, Josep Maria (SERP. Universitat de Barcelona)

**14:30 PHYSICO-CHEMICAL CHARACTERIZATION OF RED PIGMENTS IN MESO-NEOLITHIC MATERIALS**

Orera, Víctor (Instituto de Ciencia de Materiales de Aragón - ICMA. CSIC-Universidad de Zaragoza) - Utrilla, Pilar - Bea, Manuel - Villalba, Vanesa (Departamento de Ciencias de la Antigüedad, Group PPVE &amp; IUCA. Facultad de Filosofía y Letras, Universidad de Zaragoza)

**14:45 WHERE WERE THE POTENTIAL SOURCES OF LITHIC RAW MATERIAL? A PILOT STUDY ON LATE NEOLITHIC COLLECTING ACTIVITIES IN MECSEK MOUNTAIN**

Szilágyi, Kata (Eötvös Loránd University - Institute of Archaeological Sciences; Móra Ferenc Museum)

- 15:00 HARD AS A ROCK: EARLY CONSUMING OF STONE AND MARBLE MATERIAL USE IN PREHISTORIC NW ANATOLIA WITH KANLITAŞ SETTLEMENT CASE**  
Türkcan, Ali Umut (Anadolu Üniversitesi)
- 15:15 A COLOURFUL PAST: THE ROLE OF RESOURCE SELECTION AND MANIPULATION IN DETERMINING THE CHEMICAL COMPOSITION AND SOURCING OF EARLY COPPER ALLOYS**  
Mlyniec, Michael - Doonan, Roger (University of Sheffield)
- 15:30 IRON PRODUCTION IN MOUNTAINOUS AREAS IN SOUTHERN NORWAY – A PREREQUISITE FOR PERMANENT SETTLEMENTS IN THE NEARBY LOWLANDS?**  
Stene, Katherine (Museum of Cultural History University of Oslo)
- 15:45 DISCUSSION SLOT**
- 16:30 IRON EXPLOTATION AND PRODUCTION IN THE ROMAN PYRENEES (2ND CENTURY BC – 5TH CENTURY AD)**  
Gutierrez Garcia-M., Anna (Institut Català d'Arqueologia Clàssica - ICAC; Universitat Autònoma de Barcelona - UAB) - Olesti, Oriol (Universitat Autònoma de Barcelona - UAB)
- 16:45 MOUNTAINS OF MARBLE: PYRENEAN STONE RESOURCES, THEIR IDENTIFICATION AND TRANS-REGIONAL TRADE NETWORKS IN ANTIQUITY**  
Gutierrez Garcia-M., Anna (Institut Català d'Arqueologia Clàssica - ICAC; Universitat Autònoma de Barcelona - UAB) - Lapuente Mercadal, Pilar (Universidad de Zaragoza) - Blanc, Philippe (Université Pierre et Marie Curie) - Royo, Hernando (Independent researcher) - Savin, Marie-Claire (IRAMAT-CRP2A UMR 5060 CNRS - Université Bordeaux Montaigne) - Blanc, Annie (Institut National du Patrimoine) - Boudoumi, Selim - Pianet, Isabelle (IRAMAT-CRP2A UMR 5060 CNRS - Université Bordeaux Montaigne)
- 17:00 HIGH MOUNTAIN RESOURCES: SPECIALISED PRODUCTION TYPES FOR EXTRA-REGIONAL TRADE**  
Palet, Josep Maria (Institut Català d'Arqueologia Clàssica) - Orengo Romeu, Hèctor (McDonald Institute for Archaeological Research, University of Cambridge) - Ejarque Montolio, Ana (3Université Clermont Auvergne, CNRS, GEOLAB, Clermont-Ferrand) - Miras, Yannick (CNRS - Histoire Naturelle de l'Homme Préhistorique - UMR 7194) - Riera Mora, Santiago (Seminari d'Estudis i Recerques Prehistòriques, Universitat de Barcelona)
- 17:15 COMPARISON STUDIES OF PIGMENTS IN THE DECOR OF BONE ENGRAVED OBJECTS AND IRON-BEARING ROCKS FROM THE EKVEN SITE (CHUKOTKA)**  
Pakhunov, Alexander (Institute of Archaeology Russian Academy of Sciences) - Devlet, Ekaterina (Institute of Archaeology Russian Academy of Sciences) - Dneprovsky, Kirill (The State Museum of Oriental Art) - Sukhorukova, Elena (The State Museum of Oriental Art)
- 17:30 THE TURN OF XIII CENTURY IN SUDETEN (SW POLAND). THE RAW MATERIAL DIVERSITY IN THE EARLY AND LATE MIDDLE AGES**  
Lisowska, Ewa (Institute of Archaeology, Wrocław University)

**17:45 THE SPATIAL ORGANISATION OF IRON PRODUCTION IN THE PARE MOUNTAINS, TANZANIA**

Iles, Louise (University of Sheffield)

**18:00 TRANSFORMATION OF THE ŠUMAVA MOUNTAINS LANDSCAPE DUE TO FIRE-WOOD TRADE IN 19TH CENTURY**

Blažková, Tereza (Charles University, Faculty of Humanities)

**18:15 DISCUSSION SLOT****713 THE FOURTH AND THIRD CENTURY BC - A PAN-EUROPEAN TURNING POINT****ROOM:** CCCB12A**TIME:** 14:00 - 18:30**THEME:** The archaeology of material culture, bodies and landscapes**FORMAT:** Regular session**ORGANISERS:** Martens, Jes (University of Oslo, Museum of Cultural History) - Nakoinz, Oliver (Christian Albrechts Universität, Kiel) - Vorotinskaya, Larissa Vorotinskaya (The State Hermitage Museum, Sct. Petersburg) - Filet, Clara (University of Paris 1 Pantheon-Sorbonne, UMR 7041 ArScAn 'Archéologies Environnementales' UMR 8546 AOROC) - Feugnet, Aurélia (University of Paris 1 Pantheon-Sorbonne, UMR 7041 ArScAn 'Archéologies Environnementales' UMR 8546 AOROC)**ABSTRACTS****14:00 INTRODUCTION**

Martens, Jes (University of Oslo, Museum of Cultural History)

**14:15 LONG-TERM CYCLICAL CLIMATE CHANGE AND THE GALLIC INVASION OF ROME IN 390 BC: A TENTATIVE HYPOTHESIS**

de Verteuil, Michaël (University of Toronto)

**14:30 CULTURAL CHANGES ON POLISH LOWLAND AT THE TURN OF THE EARLY AND LATE PRE-ROMAN PERIOD**

Grygiel, Michal (Independent)

**14:45 DISCUSSION SLOT****15:00 THE PROBLEM OF 3RD CENTURY B.C. IN NORTHERN BLACK SEA REGION AND APPEARANCE OF ZARUBINTSY CULTURE IN THE DNIEPER BASIN**

Vorotinskaya, Larissa (The State Hermitage Museum)

**15:15 ALL ANEW - THE EMERGENCE OF THE IRISH IRON AGE IN THE 4TH C. BC**

Becker, Katharina (Department of Archaeology, University College Cork) - Armit, Ian (University of Bradford) - Swindles, Graeme (University of Leeds)



**15:30 EMERGENCE OF THE LA TÈNE CULTURE IN SOUTHERN PANONIA**

Drnic, Ivan (Archaeological museum in Zagreb)

**15:45 DISCUSSION SLOT****16:30 THE FOURTH AND THIRD CENTURY BC IN EASTERN CARPATHIAN BASIN. EARLY IRON AGE TRADITIONS AND LATE IRON AGE TRANSFORMATIONS**

Rustoiu, Aurel (Institute of Archaeology and History of Arts Romanian Academy Cluj-Napoca)

**16:45 FORTIFICATIONS IN A PEASANT LANDSCAPE – DISCONTINUITY AND CHANGE IN WEST JUTLAND, DENMARK IN THE 4TH-2ND CENTURY BC**

Rindel, Per Ole (Saxo Institute, University of Copenhagen)

**17:00 FALL OF THE GETAE, RISE OF THE DACIANS?**

Berzovan, Alexandru (Romanian Academy, Iasi Institute of Archaeology)

**17:15 RADIOCARBON DATING TO TYPOLOGY – A STUDY OF THE PRE-ROMAN IRON AGE IN DENMARK**

Rose, Helene (Centre for Baltic and Scandinavian Archaeology, Schleswig; Christian Albrechts Universitat, Kiel)

**17:30 VARIOUS IMPACTS OF EUROPEAN TRANSFORMATIONS IN THE 4TH AND 3RD CENTURY BC IN THE FRENCH ALPS**

Tremblay Cormier, Laurie (Antea Archeologie; UMR 7044 Archimède) - Landry, Christophe (Inrap; UMR 5138 ArAr)

**17:45 RELATING RADIOCARBON DATING TO TYPOLOGY – A STUDY OF THE PRE-ROMAN IRON AGE IN DENMARK**

Rose, Helene (Centre for Baltic and Scandinavian Archaeology, Schleswig; Christian Albrechts Universität, Kiel)

**18:00 DISCUSSION SLOT****POSTERS****a. THE OLDEST PHASE OF THE GRAVEYARD IN MALBORK-WIELBARK (NORTH POLAND) - THE EARLY IRON AGE TRADITION OR A NEW BEGINNING?**

Luczkiewicz, Piotr (Institute of Archaeology Maria Curie-Skłodowska University - Lublin)

## 723 CREATING REPRODUCIBLE RESEARCH. NEW DEVELOPMENTS IN COMPUTATIONAL AND QUANTITATIVE METHODS

ROOM: UB401

TIME: 8:30 - 12:00

THEME: Theories and methods in archaeological sciences

FORMAT: Regular session

ORGANISERS: Grunert, Nicole (Christian-Albrechts-Universität Kiel; Graduate School Human Development in Landscapes; ISAAKiel <https://isaakiel.github.io/>) - Filet, Clara (Université Paris 1 Panthéon-Sorbonne; ISAAKiel <https://isaakiel.github.io/>) - Tietze, Carolin (Christian-Albrechts-Universität zu Kiel; ISAA Kiel)

### ABSTRACTS

#### 8:30 COMPUTATIONAL APPROACHES TO DIVERSE, COMPLEX AND LARGE ARCHAEOLOGICAL DATASETS: THE EXPERIENCE OF THE CDAL AT CAMBRIDGE

Orengo, Hector (McDonald Institute for Archaeological Research, University of Cambridge) - Crema, Enrico R. (Department of Archaeology, University of Cambridge) - Wilkinson, Toby C. (McDonald Institute for Archaeological Research and Churchill College, University of Cambridge) - Petrie, Cameron A. (Department of Archaeology, University of Cambridge) - Leppard, Thomas P. - Gjesfjeld, Eric - Garcia, Arnau (McDonald Institute for Archaeological Research, University of Cambridge) - Kryzanska, Marta (Department of Archaeology, University of Cambridge) - Conesa, Francesc C. (McDonald Institute for Archaeological Research, University of Cambridge)

#### 8:45 DISCUSSION SLOT

#### 9:00 NAVIGATING A NEW DIGITAL INTERFACE: USING AUTOMATED IMAGE RECOGNITION TO IDENTIFY POTTERY IN THE ARCHAIDE PROJECT

Gattiglia, Gabriele - Anichini, Francesca (University of Pisa) - Wright, Holly (University of York)

#### 9:15 THE DEVELOPMENT OF A TYPOLOGY FOR MAJOLICA FROM BARCELONA AND VALÈNCIA BETWEEN 13TH AND 18TH CENTURIES. A COMPOSITIONAL EDMA APPROACH

Buxeda i Garrigós, Jaume - Miguel Gascón, Eva - Pinto Monte, Mireia - Madrid i Fernández, Marisol - Peix Visiedo, Judith (ARQUB-GRACPE, Universitat de Barcelona)

#### 9:30 TAMING TIME - MODELLING UNCERTAINTY AS REPRODUCIBLE LINKED OPEN DATA

Thiery, Florian - Mees, Allard (Römisch-Germanisches Zentralmuseum Mainz)

#### 9:45 DISCUSSION SLOT

#### 10:00 RCARBON : AN R PACKAGE FOR CREATING AND TESTING SUMMED PROBABILITY OF RADIOCARBON DATES

Crema, Enrico (University of Cambridge) - Bevan, Andrew (UCL)

#### 10:15 USING R TO TRACE CHANGES WITHIN THE NECROPOLEIS OF THE ROMAN PROVINCES. TWO CASE STUDIES

Tietze, Carolin (ISAAKiel; CAU Kiel)

**11:00 CREATING REPRODUCIBLE SUM CALIBRATIONS FOR ARCHAEOLOGICAL DEMOGRAPHIC ASSESSMENTS. THE R PACKAGE ,OXCAAR‘**

Grunert, Nicole (Graduate School Human Development in Landscapes; ISAAKiel; CAU Kiel) - Hinz, Martin - Schmid, Clemens (CAU Kiel; ISAAKiel)

**11:15 DISCUSSION SLOT****POSTERS****a. DEEP LEARNING SOFTWARE FOR THE CLASSIFICATION AND CLUSTERING OF MUSEUM COLLECTIONS**

Roberts, Matthew - Willcocks, Christopher - Leone, Anna - Obara, Boguslaw (Durham University)

**724 ENGENDERING STRATEGIES FOR THE DISSEMINATION IN ARCHAEOLOGICAL SITES AND MUSEUM**

**ROOM:** UB310

**TIME:** 16:30 - 18:30

**THEME:** Museums and the challenges of archaeological outreach in the 21st century

**FORMAT:** Regular session

**ORGANISERS:** Risqueuz Cuenca, Carmen (Instituto Universitario de Arqueología Ibérica. Universidad de Jaén) - Colomer, Laia (Heritage Studies. Linnaeus University) - Soler Mayor, Begoña (Museo de Prehistoria de Valencia) - González Marcén, Paloma (Departamento de Prehistoria. Universidad Autónoma de Barcelona) - Sánchez Romero, Margarita (Departamento Prehistoria y Arqueología. Universidad de Granada)

**ABSTRACTS****16:30 MUSEUMS, SITES AND FEMINIST ARCHAEOLOGY. AN INTRODUCTION**

Risqueuz Cuenca, Carmen (Universidad de Jaén) - González Marcén, Paloma (Departamento de Prehistoria. Universidad Autónoma de Barcelona) - Sánchez Romero, Margarita (Departamento Prehistoria y Arqueología. Universidad de Granada) - Soler Mayor, Begonya (Museo de Prehistoria de Valencia) - Colomer Solsona, Laia (Heritage Studies. Linnaeus University)

**16:45 CHILDREN, IMAGES AND ACTIONS. GENDER ROLES IN ARCHAEOLOGICAL EDUCATION ACTIVITIES**

Gonzalez-Marcen, Paloma (Centre d'Estudis del Patrimoni Arqueològic de la Prehistòria) - Masriera-Esquerre, Clara (Universitat Autònoma de Barcelona) - Cacheda, Maria (Agència Catalana del Patrimoni Cultural)

**17:00 THE AGES OF THE IBERIAN WOMEN. AN APPROXIMATION TO THE FEMININE SPACE IN THE IBERIAN SOCIETY**

Rueda, Carmen - Risqueuz, Carmen (Instituto Universitario de Investigación en Arqueología Ibérica, Universidad de Jaén) - Herranz, Ana B. (Museo Ibero de Jaén, Junta de Andalucía;

Instituto Universitario de Investigación en Arqueología Ibérica. Universidad de Jaén) - García, Antonia (Universidad de Jaén) - Hornos, Francisca (Museo de Jaén, Junta de Andalucía)

**17:15 GENDAR & PASTWOMEN: DIGITAL TOOLS TO OVERCOME GENDER BIAS IN RESEARCH AND DISSEMINATION OF PREHISTORY**

Risquez Cuenca, Carmen (Universidad de Jaén) - Herranz, Ana B. (Museo Ibero de Jaén, Junta de Andalucía; Instituto Universitario de Investigación en Arqueología Ibérica, Universidad de Jaén) - Rueda, Carmen (Instituto Universitario de Investigación en Arqueología Ibérica, Universidad de Jaén) - González Marcén, Paloma (Universidad Autónoma de Barcelona) - Soler, Begonya (Museo de Prehistoria de Valencia) - Sánchez, Margarita (Universidad de Granada)

**17:30 GIVING VISIBILITY TO WOMEN AND CHILDREN IN THE MUSEO MONOGRÁFICO DE PUIG DES MOLINS (IBIZA, BALEARIC ISLANDS)**

Delgado Hervás, Ana - Rivera Hernández, Aurora (Universitat Pompeu Fabra)

**17:45 MNEMEA. AN E-LEARNING TOOL FOR DISSEMINATION OF WOMEN'S HISTORY**

Sanchez Romero, Margarita (Uni Granada Dpto de Prehistoria y Arqueologi) - Alarcón García, Eva - Milesi García, Lara - Lozano Medina, Agueda (Universidad de Granada) - García Luque, Antonia (Universidad de Jaén) - Aranda Jiménez, Gonzalo (Universidad de Granada)

**18:00 DISCUSSION SLOT**

**POSTERS**

**a. THE ARCHAEOLOGICAL EXCAVATION AT THE TIME OF SOCIAL MEDIA: RESEARCH AND STORYTELLING AT BRUNCU 'E S'OMU - VILLA VERDE (SARDINIA- ITALY)**

Matta, Valentina (Aarhus University) - Cicilloni, Riccardo (Università degli Studi di Cagliari) - Scema, Roberto (Ministero dell'Istruzione) - Cabras, Marco (Universidad de Granada)

**725 THE EU EIA DIRECTIVES AND ARCHAEOLOGY: WHAT HAVE WE LEARNT AND WHERE NEXT?**

**ROOM:** UB202

**TIME:** 16:30 - 18:30

**THEME:** Archaeology and the European Year of Cultural Heritage

**FORMAT:** Regular session

**ORGANISERS:** Hey, Gil (Oxford Archaeology) - Waugh, Karen (Vestigia) - Thomas, Roger (Oxford University)

**ABSTRACTS**

**16:30 AN INTRODUCTION TO THE SESSION ON EU EIA DIRECTIVES AND ARCHAEOLOGY: WHAT HAVE WE LEARNT AND WHERE NEXT?**

Hey, Gil (Oxford Archaeology) - Waugh, Karen (Vestigia) - Thomas, Roger (Oxford University)

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- 16:45 ASSESSING THE IMPACT: WORKING WITH EIA IN THE NETHERLANDS**  
Waugh, Karen - Hessing, Wilfried (Vestigia BV, Archeologie & Cultuurhistorie)
- 17:00 THE ROLE OF SERVICE OF ARCHAEOLOGY AND PALEONTOLOGY ABOUT ENVIRONMENTAL IMPACT ASSESSMENT AND URBAN PLANNING IN CATALONIA**  
Miró Alaix, Maria Teresa (Servei d'Arqueologia i Paleontologia, Generalitat de Catalunya)
- 17:15 THIRTY YEARS OF PUTTING EIA MITIGATION INTO PRACTICE: THE PLEASURES AND THE PAIN**  
Hey, Gil (Oxford Archaeology)
- 17:30 THE ISLE OF MAN AND EIA: A QUESTION OF SCALE**  
Johnson, Andrew (Manx National Heritage)
- 17:45 FINANCIAL INSTITUTIONS AS PARTNERS IN EIA AND HERITAGE MANAGEMENT**  
Fleming, Arlene (The World Bank)
- 18:00 DISCUSSION SLOT**

## **730 MOUNDSCAPES IN THE DIGITAL ERA: DATA ACQUISITION, ANALYSIS AND INTERPRETATION OF PAST FUNERARY LANDSCAPES THROUGH GEOSPATIAL TECHNOLOGIES**

**ROOM:** UB212

**TIME:** 14:00 - 18:00

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Regular session

**ORGANISERS:** Carrero-Pazos, Miguel (University of Santiago de Compostela, GEPN-AAT) - Rodríguez del Cueto, Fernando (University of Oviedo) - López Romero, Elías (LabEx LaScArBx-Université de Bordeaux) - Vilas-Estévez, Benito (University of Vigo)

### **ABSTRACTS**

- 14:00 SESSION #730 MOUNDSCAPES IN THE DIGITAL ERA: DATA ACQUISITION, ANALYSIS AND INTERPRETATION OF PAST FUNERARY LANDSCAPES THROUGH GEOSPATIAL TECHNOLOGIES**  
Carrero-Pazos, Miguel (University of Santiago de Compostela, GEPN-AAT) - Rodríguez del Cueto, Fernando (Universidad de Oviedo, Facultad de Filosofía y Letras, Departamento de Historia) - López Romero, Elías (LabEx Sciences Archéologiques de Bordeaux - LaScArBx)
- 14:15 "WITHIN THE GIANT'S BELLY". MULTI-METHOD APPROACH OF THE LONG BARROWS OF TUSSON (CHARENTE, FRANCE)**  
Ard, Vincent (CNRS, UMR 5608 TRACES, Toulouse Jean Jaurès University) - Legrand, Victor (UMR 5608 TRACES, Toulouse Jean Jaurès University) - Camus, Adrien (ADERA, UMR 7266 LIENSs, La Rochelle University) - Lüth, Friedrich (Deutsches Archäologisches Institut,

Berlin) - Mathé, Vivien (UMR 7266 LIENSs, La Rochelle University) - Calastrenc, Carine (UMR 5608 TRACES, Toulouse Jean Jaurès University) - Poirier, Nicolas (CNRS, UMR 5608 TRACES, Toulouse Jean Jaurès University)

**14:30 DISCUSSION SLOT**

**14:45 (RE)DISCOVERING “THE LARGEST” MEGALITHIC NECROPOLIS LOCATED IN THE NORTHWEST OF THE IBERIAN PENINSULA: SERRA DO LEBOREIRO (GALICIA/PORTUGAL)**

Vilas-Estevez, Benito (University of Vigo) - Carrero-Pazos, Miguel (University of Santiago. GEPN AAT)

**15:00 CONTRIBUTIONS FROM LIDAR TECHNOLOGY TO THE SITES AND MONUMENTS RECORDS: THE PREHISTORIC BARROWS OF SALAS COUNCIL (ASTURIAS, SPAIN)**

Rodríguez del Cueto, Fernando (Universidad de Oviedo, Facultad de Filosofía y Letras, Departamento de Historia) - Carrero Pazos, Miguel (University of Santiago de Compostela, GEPN-AAT)

**15:15 GUIDOIRO AREOSO MOUND4 (A ILLA DE AROUSA, PONTEVEDRA, NW SPAIN). DIGITAL RECORDING AND ANALYSIS OF A MEGALITHIC MONUMENT AT RISK**

Lopez-Romero, Elias (LabEx Sciences Archéologiques de Bordeaux - LaScArBx) - Vilaseco Vázquez, Xosé Ignacio (Grupo de Estudos para a Prehistoria do Noroeste – Arqueoloxía, Antigüidade e Territorio, Universidade de Santiago de Compostela) - Güimil-Fariña, Alejandro - Mañana-Borrazás, Patricia (DIMENSO Institute of Heritage Science Spanish National Research Council - Incipit, CSIC) - Otero Vilariño, Carlos (Independent researcher)

**15:30 TOWARDS THE DEFINITION OF SPATIAL REGULARITIES IN GALICIAN MOUNDSCAPES. A CASE STUDY IN MONTE DE SANTA MARIÑA (NW IBERIA)**

Carrero-Pazos, Miguel (University of Santiago de Compostela, GEPN-AAT)

**15:45 DISCUSSION SLOT**

**16:30 MOUNDSCAPE IF THE PRIMIVAL FOREST. FROM PAST SOCIETIES BARROWS TO MODERN CHARCOAL PILES IN THE BIAŁOWIEŻA FOREST, POLAND**

Szubski, Michal (Institute of Archaeology, Cardinal Stefan Wyszyński University in Warsaw)

**16:45 DID LOCATION MATTER? THE NEOLITHIC MONUMENTAL CEMETERIES FROM THE MUSZKOWICE FOREST (SOUTH-WESTERN POLAND) IN THE LIGHT OF GIS ANALYSES**

Przybyl, Agnieszka (Institute of Archaeology, University of Wrocław)

**17:00 INDIGENOUS MOUNDSCAPES IN THE CARIBBEAN: REGIONAL CONSIDERATIONS TOWARDS A NEW SYNTHESIS**

Herrera-Malatesta, Eduardo (Universiteit Leiden) - Ulloa Hung, Jorge (Instituto Tecnológico de Santo Domingo; Universiteit Leiden) - Sonnemann, Till (Bamberg University) - Hoogland, Menno - Hofman, Corinne (Universiteit Leiden)

**17:15 DISCUSSION SLOT**



## POSTERS

- a. USING LIDAR DTM TO MEASURE MORPHOLOGICAL VARIABLES OF MEGALITHIC MOUNDS: THE CASE OF BARBANZA PENINSULA (GALICIA, NORTHWEST SPAIN)**  
Canosa-Betés, Jorge - Fábrega-Álvarez, Pastor - Villa-Indurain, Iñaki (Instituto de Ciencias del Patrimonio - Incipit. Consejo Superior de Investigaciones Científicas - CSIC)
- b. MULTISCALE APPROACH TO MEGALITHIC BURIALS IN SOUTHWESTERN FRANCE: THE USE OF QGIS IN THE DEFINITION OF IMPLANTATION MODELS**  
Boscus, Sarah (UMR 5608 TRACES, Toulouse) - Ard, Vincent (CNRS, UMR 5608 TRACES, Toulouse)

## 732 ARCHAEOLOGICAL EDUCATION BEYOND ARCHAEOLOGY: LOOKING AT THE CULTURAL AND SOCIAL RELEVANCE OF RESEARCH

**ROOM:** UB403

**TIME:** 8:30 - 15:30

**THEME:** Archaeology and the European Year of Cultural Heritage

**FORMAT:** Regular session

**ORGANISERS:** Gonzalez-Marcen, Paloma (Universitat Autònoma de Barcelona) - Henson, Don (University of York) - Dutra, Ivonne (Kalmar läns museum; GRASCA - Linnaeus University) - Cacheda, Maria (Agència Catalana del Patrimoni Cultural; CEPAP - Universitat Autònoma de Barcelona)

## ABSTRACTS

- 8:30 DEFINING THE SOCIAL ROLE OF ARCHAEOLOGY AFTER THE FARO CONVENTION**  
Gonzalez-Marcen, Paloma (Centre d'Estudis del Patrimoni Arqueològic de la Prehistòria) - Masriera-Esquerra, Clara (Universitat Autònoma de Barcelona)
- 8:45 CONTRACT ARCHAEOLOGY'S UNIQUE QUALITIES IN THE ENCOUNTER WITH THE PUBLIC**  
Dutra Leivas, Ivonne (Linnaeus University; Kalmar County Museum)
- 9:00 HERITAGE EDUCATION AS A TOOL FOR THE DEVELOPMENT OF SIGNIFICANT LEARNING. THE MIRAVET'S CASTLE AND THE COP HERITAGE AND SCHOOL**  
Cacheda, Maria (Àrea de Monuments i Jaciments, Agència Catalana de Patrimoni Cultural; CEPAP, Universitat Autònoma de Barcelona) - Miquel, Marina (Director of Àrea de Monuments i Jaciments, Agència Catalana de Patrimoni Cultural)
- 9:15 DISCUSSION SLOT**

- 9:30 THE PLAN FOR HERITAGE EDUCATION BY “GENERAL DIRECTION FOR EDUCATION AND RESEARCH”: CONTENTS, PROCEDURES AND OBJECTIVES WITH AN ARCHAEOLOGICAL SCOPE**  
 Taloni, Maria (Ministry of Cultural Heritage and Activities and Tourism - General Direction for Educational Research, Department of Study) - Venditti, Caterina Paola (Ministry of Cultural Heritage and Activities and Tourism - General Direction for Educational Research, Department of Study)
- 9:45 ARCHAEOLOGY AND THE TEACHING OF SCIENCE AT THE EARLY STAGES OF EDUCATION: THE EXPERIENCE OF THE PROJECT SCILIT**  
 Ruiz del Arbol Moro, Maria (Institute of History CSIC) - Gómez Díaz, María José - Cejudo Rodríguez, Salomé (VAOCC CSIC)
- 10:00 DOES IT MATTER?**  
 Vijand, Liia (University of Tartu)
- 10:15 DISCUSSION SLOT**
- 11:00 ROCK ART AND GRAFFITI: SO FAR AND SO CLOSE**  
 Torres, Anna (La Roca dels Moros rock shelter)
- 11:15 FOLLOWING SIR GRAHAME CLARK TO PROVIDE A SENSE OF HUMAN SOLIDARITY THROUGH ARCHAEOLOGICAL EDUCATION**  
 Henson, Donald (University of York)
- 11:30 STARTING FROM SCRATCH - PUBLIC ARCHAEOLOGY IN RURAL FINLAND**  
 Moilanen, Ulla (University of Turku) - Närväinen, Ninni (Independent researcher)
- 11:45 DISCUSSION SLOT**
- 12:00 USING THE LANDSCAPE AS A CLASSROOM - EXPERIENCES FROM AN EDUCATIONAL PROGRAMME ON THE GREAT NORDIC WAR**  
 Toreld, Christina - Nordell, Linnea (Bohusläns museum)
- 12:15 DISCUSSION SLOT**
- 14:00 THE CAER HERITAGE PROJECT: CO-PRODUCTION WITH DISADVANTAGED COMMUNITIES**  
 Davis, Oliver - Wyatt, Dave (Cardiff University)
- 14:15 HEFA - ARCHAEOLOGY ACHIEVING WIDER SOCIAL AIMS BY RAISING EDUCATIONAL ASPIRATIONS IN TEENAGERS**  
 Lewis, Carezza (University of Lincoln)
- 14:30 INCLUSIVE HISTORICAL RE-ENACTMENT: MAKING VISIBLE THE SOCIAL DIVERSITY THROUGH THE PERFORMANCE OF THE PAST IN HERITAGE SITES**  
 Pérez Herrero, Clara (Museu Comarcal de l’Horta Sud) - Jardón Giner, Paula (Universitat de València) - Soler Mayor, Begoña (Museu de Prehistòria de València)

**14:45 FOSTERING INCLUSION THROUGH PUBLIC ARCHAEOLOGY: USING ARCHAEOLOGY TO SUPPORT MIGRANT INTEGRATION IN SWEDEN AND THE UNITED STATES**

Westmont, Camille (University of Maryland)

**15:00 DISCUSSION SLOT**

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**736 DAIRY AND PASTORALISM IN ARCHAEOLOGY**

**ROOM:** UB411

**TIME:** 8:30 - 12:30

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Regular session

**ORGANISERS:** Wilkin, Shevan (Max Planck Institute for the Science of Human History) - Wright, Joshua (University of Aberdeen Department of Archaeology) - Hagan, Richard (Max Planck Institute for the Science of Human History)

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**ABSTRACTS**

**8:30 PROTEOMIC EVIDENCE OF EARLY DAIRYING AT THE NEOLITHIC SITE OF ÇATALHÖYÜK, ANATOLIA**

Hagan, Richard (Department of Archaeogenetics, Max Planck Institute for the Science of Human History, Jena) - Knüsel, Christopher (UMR 5199 De la Préhistoire à l'Actuel: Culture, Environnement, et Anthropologie - PACEA, Université de Bordeaux,) - Haddow, Scott (Research Center for Anatolian Civilizations, Koç University, Istanbul) - Larsen, Clark (Department of Anthropology, Ohio State University, Columbus) - Trachsel, Christian - Grossmann, Jonas (Functional Genomics Center Zürich, University Zürich / ETH Zürich, Zürich, Switzerland) - Hodder, Ian (Department of Anthropology, Stanford University, Berkeley) - Warinner, Christina (Department of Anthropology, University of Oklahoma, Norman)

**8:45 SHEEP BIRTH DISTRIBUTION IN NEOLITHIC HERDS IN THE WESTERN ALPS USING THE TOOTH ENAMEL OXYGEN ISOTOPE RATIOS ANALYSIS: FIRST RESULTS**

Chiquet, Patricia (Muséum d'Histoire naturelle de Genève) - Knockaert, Juliette (University of York)

**9:00 GRAZING REGIMES AND DAIRY FARMS DURING THE BRONZE AND IRON AGES IN MIDDLE SWEDEN**

Petersson, Maria (Arkeologerna, Statens historiska museer)

**9:15 HEIRLOOM MICROBES: THE HISTORY AND LEGACY OF ANCIENT DAIRY BACTERIA**

Hendy, Jessica - Rest, Matthäus (Max Planck Institute for the Science of Human History) - Reichhardt, Björn (Max Planck Institute for the Science of Human History; Faculty of Humanities and Social Sciences, Humboldt-Universität zu Berlin) - Tsolmon, Soninkhishig (Biotechnology and Nutrition Department, School of Industrial Technology, Mongolian University of Science and Technology) - Rosenstock, Eva (Institute for Prehistoric Archaeo-

logy, Freie Universität Berlin) - Makarewicz, Cheryl (Institute of Prehistoric and Protohistoric Archaeology, Christian-Albrechts-Universität zu Kiel) - Warinner, Christina (Max Planck Institute for the Science of Human History)

### **9:30 INVESTIGATING THE EVOLUTION OF LACTASE PERSISTENCE IN EUROPE**

Gerbault, Pascale (University of Westminster; Department of Genetics, Evolution and Environment, University College London) - Powell, Adam (Department of archaeogenetics, Max Planck Institute for the Science of Human History) - Swallow, Dallas (Department of Genetics, Evolution and Environment, University College London) - Burger, Joachim (Palaeogenetics Group, Mainz University) - Thomas, Mark (Department of Genetics, Evolution and Environment, University College London)

### **9:45 DISCUSSION SLOT**

### **11:00 EARLY DAIRY PASTORALISM ON THE BRONZE AGE MONGOLIAN STEPPE**

Warinner, Christina (Max Planck Institute for the Science of Human History; University of Oklahoma) - Jeong, Choongwon - Wilkin, Shevan (Max Planck Institute for the Science of Human History) - Bouwman, Abigail (Institute for Evolutionary Medicine, University of Zürich) - Hagan, Richard (Max Planck Institute for the Science of Human History) - Littleton, Judith (University of Auckland) - Makarewicz, Cheryl (University of Kiel) - Scott, Ashley (Max Planck Institute for the Science of Human History) - Frohlich, Bruno (Dartmouth College; Smithsonian Institution) - Hendy, Jessica (Max Planck Institute for the Science of Human History)

### **11:15 UNDERSTANDING ANCIENT MONGOLIAN DAIRYING THROUGH SHOTGUN PROTEOMICS OF DENTAL CALCULUS**

Wilkin, Shevan (MPI-SHH Department of Archaeology) - Myagmar, Erdene (National University of Mongolia) - Taylor, William - Ventresca Miller, Alicia (MPI-SHH Department of Archaeology) - Hagan, Richard (MPI-SHH Department of Archaeogenetics) - Trachsel, Christian - Grossmann, Jonas (Functional Genomics Center Zürich) - Boivin, Nicole (MPI-SHH Department of Archaeology) - Warinner, Christina (MPI-SHH Department of Archaeogenetics) - Hendy, Jessica (MPI-SHH Department of Archaeology)

### **11:30 MILK-BASED PASTORALISM IN EASTERN AFRICA: RESILIENCE AND RESISTANCE**

Gifford-Gonzalez, Diane (University of California, Santa Cruz)

### **11:45 THE ARCHAEOLOGY OF MOBILE PASTORALISM IN THE EASTERN STEPPE: THE STATE OF THE ART IN 2018**

Wright, Joshua (University of Aberdeen)

### **12:00 DISCUSSION SLOT**

## 739 REFLECTIONS ON ARCHAEOLOGICAL TOURISM IN THE MEDITERRANEAN AREA

ROOM: UB205

TIME: 16:30 - 18:30

THEME: Archaeology and the future of cities and urban landscapes

FORMAT: Regular session

ORGANISERS: Chatzikonstantinou, Katerina (MoNUmenta for the protection of natural and architectural heritage in Greece and Cyprus) - Martín López, David (Department of Art History, University of Granada) - Lekakis, Stelios (Newcastle University; MONUMENTA)

### ABSTRACTS

#### 16:30 COMMUNITY-BASED MANAGEMENT IN WORLD HERITAGE SITES: CASE - STUDY OF GIZA WORLD HERITAGE SITE

Alhadad, Esraa (BTU- Cottbus) - Moustafa, Ahmed (NMEC Museum, Egypt)

#### 16:45 AMONG HERITAGE SITES, LOCAL IDENTITIES AND NEW TOURIST REALITIES: THE SANCTUARY OF PANÓIAS AND THE TIME OF ÉVORA

Teixeira, Rute (Rute TEixeira)

#### 17:00 HERITAGE FOR US AND HERITAGE FOR THEM. UNDERSTANDING AND USING MONUMENTS IN GREEK ISLAND DIALECTICS

Lekakis, Stelios (Newcastle University; MONUMENTA)

#### 17:15 WHEN ARCHAEOLOGY HAS BEEN LEFT ASIDE: VENICE, CULTURAL HERITAGE AND GLOBAL TOURISM

Calaon, Diego (Ca' Foscari University, Venice)

#### 17:30 CAN ARCHAEOLOGICAL TOURISM CONTRIBUTE TO THE SUSTAINABLE MANAGEMENT OF IMMOVABLE HERITAGE OF URBAN REGIONS? REFLECTIONS ON THE CASE OF MADRID

Ruiz del Arbol Moro, Maria - García Basanta, Sonia (Institute of History, CSIC)

#### 17:45 SICULI - HELLENISTIC AND ROMAN SETTLEMENT AS A NEW ARCHAEOLOGICAL TOURISTIC DESTINATION

Kamenjarin, Ivanka-Katya (Muzej grada Kastela)

#### 18:00 ARCHAEOLOGICAL PARK EMONA: MANAGING HERITAGE IN A MODERN CITY

Zupanek, Bernarda (Museum and galleries of Ljubljana)

#### 18:15 DISCUSSION SLOT

## 745 GRAVE GOOD BIOGRAPHIES OF PRE-METALLURGICAL EUROPEAN SOCIETIES

ROOM: UB307

TIME: 8:30 - 15:30

THEME: The archaeology of material culture, bodies and landscapes

FORMAT: Regular session

ORGANISERS: Little, Aimée (BioArCh, Department of Archaeology, Environment Building, University of York) - Masclans Latorre, Alba (Institució Milà i Fontanals - CSIC-IMF, Consejo Superior de Investigaciones Científicas, Departament d'Arqueologia i Antropologia, Barcelona; Fondation Fyssen Postdoctoral Fellow, UMR 8215 - Trajectoires. De la sédentarisation à l'Etat, Paris) - Rigaud, Solange (CNRS, Université de Bordeaux, UMR 5199-PACEA)

### ABSTRACTS

#### 8:30 THE ORNAMENTS OF THE GRAVETTIAN FUNERARY SITES OF SERINYÀ (NE IBERIAN PENINSULA)

Rufí, Isaac - Coromina, Neus - Soler, Joaquim - Solés, Alba (Institut de Recerca Història, Laboratori d'Arqueologia i Prehistòria, Universitat de Girona) - Masclans, Alba (UMR 8215 Trajectoires. CNRS - Université Paris 1, Maison de l'Archéologie et de l'Ethnologie) - Soler, Narcís (Institut de Recerca Història, Laboratori d'Arqueologia i Prehistòria, Universitat de Girona)

#### 8:45 NEW INSIGHTS ON THE LATE CASPIAN EPIPALEOLITHIC SYMBOLS: THE KAILYU BURIAL SITE

Rigaud, Solange (CNRS, University of Bordeaux) - Shnayder, Sveta (Institute of Archaeology and Ethnography Siberian Branch of RAS, Novosibirsk) - Berezina, N. - Buzhilova, A. (Research Institute and Museum of Anthropology, Lomonosov Moscow State University)

#### 9:00 FROM THE USE OF THINGS TO THE STATUS OF THE DEAD: TÉVIEC AND HOËDIC (BRITTANY, FRANCE)

David, Eva (Centre National de la Recherche Scientifique) - Little, Aimée (University of York) - Marchand, Grégor - Rigaud, Solange (Centre National de la Recherche Scientifique)

#### 9:15 DISCUSSION SLOT

#### 9:30 ART REPRESENTATIONS AS GRAVE GOODS FROM ZVEJNIEKI BURIAL GROUND, LATVIA

Zagorska, Ilga (Institute of Latvian History, University of Latvia) - Iršenas, Marius (Vilnius Academy of Fine Arts) - Meadows, John (Centre for Baltic and Scandinavian Archaeology - ZBSA, Schleswig-Holstein State Museums Foundation; Leibniz Laboratory for Radiometric Dating and Stable Isotope Research, Christian-Albrechts University, Kiel)

#### 9:45 PRACTICES OF DECORATING AND DEPOSITING THE DEAD: A CASE OF STONE AGE HUNTER-GATHERER BURIALS FROM SAAREMAA, ESTONIA

Kask, Silvia-Kristiin - Torv, Mari (Institute of History and Archaeology, University of Tartu)

#### 10:00 HIDDEN GOODS: NEW METHODS FOR IDENTIFYING PERISHABLE MATERIALS IN BURIALS

Zemour, Aurélie (Ausonius UMR 5607 LabEx Sciences Archéologiques de Bordeaux)

**10:15 DISCUSSION SLOT****11:00 BIOGRAPHIES OF BEADS: RETHINKING THE INTERPRETATION OF NEOLITHIC GRAVE ASSEMBLAGES IN TURKEY**

Baysal, Emma (Trakya University) - Miller, Holly (University of Nottingham)

**11:15 INTERPRETING NEOLITHIC PIT BURIAL'S SEXUAL DIVISION OF LABOUR THROUGH GRAVE GOOD ANALYSIS**

Masclans, Alba (Fondation Fyssen Postdoctoral Fellow, UMR 8215 - Trajectoires. De la sédentarisation à l'Etat, Paris) - Gibaja, Juan F. (Institució Milà i Fontanals - IMF-CSIC. Grupo de Arqueología de las Dinámicas Sociales, Barcelona) - Duboscq, Stephanie (Freelance) - Morell, Berta (Universitat Autònoma de Barcelona - UAB. Laboratory of Quantitative Archaeology. Edifici B - Facultat de Filosofia i Lletres. Bellaterra.) - Mazzucco, Niccolo (UMR 7055 'Préhistoire et Technologie', CNRS-Université Paris Ouest Nanterre la Défense) - Mozota, Millán (Institució Milà i Fontanals - IMF-CSIC. Grupo de Arqueología de las Dinámicas Sociales, Barcelona)

**11:30 OLD METHODS NEW STORIES: HOW STUDIES ON SHELL ORNAMENTS FROM NEOLITHIC BURIALS IN POLAND CHANGED ARCHAEOLOGICAL INTERPRETATIONS**

Sobkowiak-Tabaka, Iwona - Kurzawska, Aldona (Institute of Archaeology and Ethnology PAS) - Roffet-Salque, Mélanie (Organic Geochemistry Unit School of Chemistry University of Bristol) - Wysocka Mrozek, Małgorzata (Adam Mickiewicz University, Faculty of Geographical and Geological Sciences, Institute of Geology) - Szczepaniak, Katarzyna (Polish Academy of Sciences Museum of the Earth in Warsaw)

**11:45 DISCUSSION SLOT****12:00 BEADS AND BATTLE AXES: MICROWEAR ANALYSIS AND THE INTERPRETATION OF NEOLITHIC BURIAL PRACTICES**

van Gijn, Annelou (Faculty of Archaeology, Leiden University) - Wentink, Karsten (Faculty of Archaeology, Leiden University; Sidestone Press)

**12:15 QUESTIONING THE ANALYTICAL FRAMEWORK OF FUNERARY ORNAMENTS IN DIFFICULT ARCHAEOLOGICAL CONTEXTS: THE MEGALITHIC MONUMENTS OF ARLES-FONTVIEILLE (SOUTHERN FRANCE, FINAL NEOLITHIC)**

Viel, Laurine (Aix Marseille Univ, CNRS, Minist Culture, LAMPEA, Aix-en-Provence) - Bonnardin, Sandrine (Univ Nice Sophia Antipolis, CNRS, CEPAM, Nice) - Bailly, Maxence (Aix Marseille Univ, CNRS, Minist Culture, LAMPEA, Aix-en-Provence)

**12:30 WHAT IS CONCEALED IN THE GRAVE**

Larsson, Lars (Department of Archaeology and Ancient History)

**12:45 DISCUSSION SLOT**

**14:00 BURIED STORIES IN A MALE GRAVE FROM THE 5TH MILLENNIUM BC AT POLGÁR-CSŐSZHALOM (NE HUNGARY)**

Anders, Alexandra (Institute of Archaeological Sciences, Eötvös Loránd University, Budapest) - Borel, Antony (Muséum National d'Histoire Naturelle, Paris; Institute of Archaeological Sciences, Eötvös Loránd University, Budapest) - Faragó, Norbert - Tóth, Zsuzsanna - Raczky, Pál (Institute of Archaeological Sciences, Eötvös Loránd University, Budapest)

**14:15 ADORNED WITH STRINGS OF BEADS: BURIAL RITUAL OF THE MIERZANOWICE CULTURE OF SE POLAND**

Winnicka, Kinga (Institute of Archaeology, University of Wrocław)

**14:30 DEADLY GIFTS**

Kufel-Diakowska, Bernadeta (Institute of Archaeology Wrocław University) - Wilk, Stanisław (Institute of Archaeology Jagiellonian University)

**14:45 DISCUSSION SLOT****POSTERS****a. IDENTIFICATION OF THE CORDED WARE GRAVE POTTERY FROM SOUTH-EASTERN POLAND**

Rauba-Bukowska, Anna - Szczepanek, Anita (Institute of Archaeology and Ethnology, Polish Academy of Sciences) - Jarosz, Paweł (Institute of Archaeology, Adam Mickiewicz University in Poznań) - Włodarczak, Piotr (Institute of Archaeology and Ethnology, Polish Academy of Sciences)

**748 'ARCHAEOLOGY AND...' - INTER-DISCIPLINARY WORKING IN PLANNING AND DESIGN**

ROOM: UB410

TIME: 14:00 - 18:00

THEME: Theories and methods in archaeological sciences

FORMAT: Regular session

ORGANISERS: Dixon, James (Wood) - Molla, Nevila (University of Siena) - Williams, Gwilym (Rio Göteborg Natur- och kulturkooperativ)

**ABSTRACTS****14:00 RESEARCH THROUGH CREATING AN IMMERSIVE EXPERIENCE AT A ROMAN TOWN**

Bowden, Will - Bedwell, Ben - Harlow, Natasha (University of Nottingham)

**14:15 LONDON MITHRAEUM: ACCOMMODATING ART AND AUTHENTICITY**

Fowler, Louise (MOLA)



**14:30 THE SPECTRE AT THE FEAST. TOURISM AND THE WIDER USES AND ABUSES OF INTERDISCIPLINARY STUDIES IN ARCHAEOLOGICAL PRACTICE**

Gilkes, Oliver (Mr Gilkes - Specialist Journeys)

**14:45 DISCUSSION SLOT****15:00 VISUALISING UNCERTAINTY – THE VISUAL REPRESENTATION OF UNCERTAIN KNOWLEDGE IN ARCHAEOLOGY FOR MULTIDISCIPLINARY RESEARCH AND EXCHANGE**

Lengyel, Dominik - Toulouse, Catherine (BTU Cottbus-Senftenberg)

**15:15 RESHAPING ARCHAEOLOGICAL PRACTICE IN PRESENT-DAY ALBANIA: CHANGING PERSPECTIVES AND CHALLENGES**

Molla, Nevila (University of Siena)

**15:30 DISCUSSION SLOT****16:30 SPATIAL DATA PROMOTING INTER-DISCIPLINARITY**

Jansen, Jane (National Historical Museums The Archaeologists) - Lund, Karin (Intrasis)

**16:45 DIGGING TOWARDS THE FUTURE. THE CHANGING ROLE OF ARCHAEOLOGY IN URBAN PLANNING**

Davies, Tom - Smith Wergeland, Even (Oslo School of Architecture and Design)

**17:00 MULTI-DISCIPLINARY ENVIRONMENTAL ASSESSMENT AND THE CASE FOR HYBRID PRACTICE**

Dixon, James (Wood)

**17:15 DISCUSSION SLOT****750 ANCIENT AND MEDIEVAL HARBOURS – GATEWAYS BETWEEN CULTURES AND COMMUNITIES**

**ROOM:** UB410

**TIME:** 8:30 - 12:00

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Pydyn, Andrzej (Institute of Archaeology, Nicolaus Copernicus University, Torun) - Oniz, Hakan (Division of Underwater Archaeology - Selcuk University)

**ABSTRACTS****8:30 EARLY MEDIEVAL HARBOUR IN PUCK, IN NORTHER POLAND AND ITS RECONSTRUCTION**

Pydyn, Andrzej (Institute of Archaeology, Nicolaus Copernicus University, Torun) - Pomian, Iwona (National Maritime Museum, Gdańsk) - Popek, Mateusz (Institute of Archaeology, Nicolaus Copernicus University, Torun)

- 8:45 TRUSO - VIKING PORT OF TRADE ON THE SLAVIC-BALTIC BORDERLANDS**  
Jagodzinski, Jakub (The Institute of Archaeology and Ethnology Polish Academy of Sciences)
- 9:00 CENTRAL ARENA OF NORTHERN EUROPEAN TRADE - THE SCHLESWIG WATERFRONT**  
Rösch, Felix (Institut für Kunstgeschichte und Archäologien Europas, Seminar für Archäologie des Mittelalters und der Neuzeit, Martin-Luther-Universität Halle-Wittenberg)
- 9:15 DISCUSSION SLOT**
- 9:30 NEW RESULTS FROM DANA ISLAND SHIP YARD: 2018 FIELDWORK**  
Oniz, Hakan (Division of Underwater Archaeology - Selçuk University)
- 9:45 HISTORICAL GEOGRAPHY OF THE ANCIENT HARBOURS ON NORTHERN SHORE OF PROPONTIS IN SOUTHEASTERN THRACE AND ON THRACIAN CHERSONESSOS**  
Sayar, Mustafa (Istanbul University)
- 10:00 IASOS HARBORS**  
Baldiran, Asuman (Selçuk University)
- 10:15 DISCUSSION SLOT**
- 11:00 ARCHAEOLOGICAL EVIDENCE FOR THE HARBOURS OF THE BYZANTINE TAURICA**  
Tymoshenko, Mariia (Taras Shevchenko National University of Kyiv)
- 11:15 IL PORTUS AUGUSTI E IL SESTERZIO DI NERONE**  
Di Michele, Dario (Università di Bologna, Scuola di Specializzazione in Beni Archeologici)
- 11:30 DISCUSSION SLOT**

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## 753 INTERPRETING ANCIENT METALWORKING

**ROOM:** UB304

**TIME:** 8:30 - 16:00

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Wärmländer, Sebastian (Cotsen Institute of Archaeology, UCLA; Division of Biophysics, Stockholm University) - Sholts, Sabrina (Department of Anthropology, National Museum of Natural History, Smithsonian Institution, Washington, DC) - Saage, Ragnar (University of Tartu) - Paavel, Kristiina (University of Tartu) - Jouttijärvi, Arne (Heimdal-archaeometry)

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### ABSTRACTS

- 8:30 THE IMPACT OF THE 13TH CENTURY CRUSADE ON METALWORKING IN ESTONIA**  
Saage, Ragnar (University of Tartu)

- 8:45 ANALYSIS OF A BYZANTINE WEIGHT FROM HIPPOS OF SHEDS LIGHT ON THE TRANSITION FROM CHRISTIAN TO THE ISLAMIC RULE**  
Eisenberg, Michael - Shalev, Sariel (University of Haifa)
- 9:00 FUNCTIONAL ANALYSIS OF METALPRODUCTION TOOLS FROM THE LATE BRONZE AGE OF EASTERN UKRAINE**  
Zagorodnia, Olga (Institute of Archaeology of National Academy of Sciences of Ukraine) - Mimokhod, Roman (Institute of Archaeology of Russian Academy of Sciences)
- 9:15 WALKING ON RUSTY NAILS - THE CHALLENGES OF RETRO-FITTING A METALS ANALYSIS STRATEGY**  
Mazis, Matasha (Technische Universität Kaiserslautern)
- 9:30 THE ANALYSIS OF SLAGS FROM THE METALWORKING WORKSHOP IN THE GNEZDOVO SETTLEMENT'S FLOODPLAIN**  
Ruzanova, Svetlana (State Historical Museum) - Bronnikova, Maria - Shishkov, Vasiliy (Institute of Geography, RAS)
- 9:45 THREE CASE STUDIES OF ANDEAN METALWORKING**  
Wärmländer, Sebastian (Cotsen Institute of Archaeology, UCLA; Division of Biophysics, Stockholm University)
- 10:00 METALLURGICAL ANALYSIS OF THREE SILVER SHEETS FROM A MEROVINGIAN GRAVE - WHAT CHEMICAL FORMULAS CAN TELL (AND WHAT NOT)**  
Werner, Michael (Archaeological Institute, Dept. of Early Medieval and Medieval Archaeology; University of Freiburg)
- 10:15 DISCUSSION SLOT**
- 11:00 NOT EVERYTHING THAT GLITTERS IS GOLD: RECONSTRUCTING TWO GOLDSMITHING RECIPES FROM THE CODEX PARISINUS GRAECUS 2327**  
Hanning, Erica - DaSilva, Sayuri - Engelmann, Josef (Römisch-Germanisches Zentralmuseum Mainz; KB Experimentelle Archäologie) - Prinzing, Günter (Johannes Gutenberg Universität Mainz) - Patscher, Stephan (Römisch-Germanisches Zentralmuseum Mainz; KB Restaurierung & Konservierung)
- 11:15 ACCORDING TO THEOPHILUS - THE MAKING OF A MEDIEVAL CHALICE AND THE VALUE OF WRITTEN SOURCES**  
Jouttijarvi, Arne (Heimdal-archaeometry)
- 11:30 ALLOYS ON DISPLAY: THE USE OF BRONZE, BRASS AND GUNMETAL FOR DECORATIVE METALWORK IN CAROLINGIAN AND HIGH MEDIEVAL COASTAL FLANDERS**  
Deckers, Pieterjan (Department of History, Archaeology, Art, Philosophy and Ethics, Vrije Universiteit Brussel; Centre for Urban Network Evolutions - UrbNet, Aarhus University) - Van Ham-Meert, Alicia (Earth and Environmental Science, Centre for archaeological Science, KULeuven; Analytical, Environmental and Geo-Chemistry, Vrije Universiteit Brussel)

- 11:45 THE IMPLICATIONS OF BRONZE AGE BRONZE REMELTING IN THE BALTIC REGION**  
Paavel, Kristiina - Kriiska, Aivar - Kirsimäe, Kalle - Paiste, Päärn (University of Tartu)
- 12:00 TECHNOLOGICAL INNOVATION, KNOW-HOW TRANSFER AND ADAPTION BY THE EXAMPLE OF PREHISTORIC COPPER PRODUCTION IN THE OBERHALBSTEIN (GRISONS, SWITZERLAND)**  
Reitmaier-Naef, Leandra (University of Zurich)
- 12:15 METAL SUPPLY BETWEEN CENTRAL EUROPE AND THE CARPATHIAN BASIN IN THE EARLY AND MIDDLE BRONZE AGE**  
Nessel, Bianka (Institute of Earth Science, Heidelberg University; Department of Prehistory, Protohistory and Near Eastern Archaeology, Heidelberg University) - Pernicka, Ernst (Curt-Engelhorn-Centre Archaeometry gGmbH)
- 12:30 DISCUSSION SLOT**
- 14:00 METAL WEAPONS OF „WARRIORS’ BURIALS“ FOUND IN THE MIDDLE BRONZE AGE II SOUTHERN LEVANT – ECONOMICAL AND SOCIAL ASPECTS**  
Kan-Cipor- Meron, Tal (The University of Haifa)
- 14:15 BRONZE RELIQUARY CROSSES WITH NIELLO DECORATION FROM NORTH-EASTERN RUS’: NEW ASPECTS ON TECHNOLOGY AND SOCIAL CONTEXT**  
Zaytseva, Irina (Institute of Archaeology Russian Academy of Sciences)
- 14:30 ROLE OF ARCHAOMETALLOGRAPHY IN INTERPRETATION OF ANCIENT SMITHING ARTIFACTS**  
Zavyalov, Vladimir - Terekhova, Nataliya (Institute of Archaeology Russian Academy of Sciences)
- 14:45 THE APPEARANCE AND DEVELOPMENT OF EARLY IRON METALLURGY IN THE WESTERN SIBERIA**  
Vodyasov, Evgeny - Zaitceva, Olga (Tomsk State University)
- 15:00 DISCUSSION SLOT**

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## 760 ‘...IN WITH THE NEW!’: THE FUTURE OF ARCHAEOLOGICAL RESEARCH IN MEDIEVAL EUROPE

**ROOM:** UB402

**TIME:** 8:30 - 17:30

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Busset, Anouk (University of Glasgow; Université de Lausanne) - Heinonen, Tuuli (University of Helsinki) - Johnson, Catherine (University of Glasgow)



- 11:00 THE POLITICAL AND SOCIAL COMPLEXITY OF LUCCA IN THE EARLY MIDDLE AGE: NEW STUDIES ON CERAMICS FROM URBAN EXCAVATIONS (ITALY)**  
Grassi, Francesca (University of Siena)
- 11:15 THE STUDY OF THE FORMATION OF THE SOCIAL STRUCTURE OF ANCIENT RUSSIAN CITIES BASED ON ARCHAEOLOGICAL, ANTHROPOLOGICAL AND GENETIC DATA**  
Tarasova, Anna - Vasileva, Elena (Institute of Archaeology Russian Academy of Sciences) - Alborova, I. - Matsvai, A. (Historic Genetics Laboratory of Moscow Institute of Physics and Technology) - Engovatova, Asya (Institute of Archaeology Russian Academy of Sciences) - Mustafin, Kh. (Historic Genetics Laboratory of Moscow Institute of Physics and Technology)
- 11:30 REDEFINING EPIGRAPHY: EXPLORING THE MEANING OF ‚TEXT‘ ON EARLY MEDIEVAL INSULAR PORTABLE INSCRIBED OBJECTS**  
Johnson, Catherine (University of Glasgow)
- 11:45 DISCUSSION SLOT**
- 12:00 PARCHMENT PRODUCTION IN MEDIEVAL SCANDINAVIA**  
Strid, Lena (Lund University)
- 12:15 ANIMALS IN BURIAL CONTEXTS - AN INVESTIGATION OF NORSE RITUALS AND HUMAN-ANIMAL RELATIONSHIPS**  
Strehlau, Hannah (Uppsala University)
- 12:30 ‚PEOPLE. PLACES. THINGS.‘ CHALLENGING THE PROBLEMATIC APPROACHES OF (LATER) MEDIEVAL ARCHAEOLOGY**  
Dempsey, Karen (School of Archaeology, Geography and Environmental Science, University of Reading)
- 12:45 DISCUSSION SLOT**
- 14:00 THE IMPORTANCE OF WATERBIRDS TO CASTLE ECONOMY**  
Kivikero, Hanna (University of Helsinki)
- 14:15 INTERPRETING RURAL IDENTITIES THROUGH ARCHAEOLOGICAL RECORD**  
Heinonen, Tuuli (University of Helsinki)
- 14:30 POWER AND THE GLORY: MANORS AND CHURCHES WITHIN MEDIEVAL SETTLEMENTS**  
Berryman, Duncan (Queen’s University Belfast)
- 14:45 DISCUSSION SLOT**
- 15:00 RURAL RICHES: ON BEADS AND ANARCHY IN MEROVINGIAN NORTHWESTERN EUROPE**  
Langbroek, Margareth (Faculty of Archaeology Leiden University)

**15:15 A WORLD OF CLOUDS: INVESTIGATING THE IMPACT OF CLOUDS IN THE MARITIME LANDSCAPE**

Pelling, Robyn (University of Southampton)

**15:30 VISUALISING BUBBLES: PHOTOGRAPHIC FILTERS AND THE EXCHANGE OF EARLY MEDIEVAL GLASS BEADS IN SCOTLAND**

Christie, Heather (Glasgow School of Art)

**15:45 DISCUSSION SLOT****16:30 DIGITAL DEMYSTIFICATION: ENCOURAGING RESEARCH-DRIVEN ENGAGEMENT WITH DIGITAL IMAGING RESOURCES**

Kasten, Megan (University of Glasgow)

**16:45 SPOTEU: SUGAR POT MANUFACTURE IN WESTERN EUROPE IN THE MEDIEVAL AND POST-MEDIEVAL PERIOD (11TH-16TH CENTURIES AD)**

Mentesana, Roberta (University of Sheffield; University of Barcelona) - Buxeda i Garrigós, Jaume (University of Barcelona) - Kilikoglou, Vassilis (Laboratory of Archaeological Materials, National Center for Scientific Research "Demokritos")

**17:00 DISCUSSION SLOT****POSTERS****a. AN ASSESSMENT OF INTRAGROUP CRANIAL VARIATION IN A MASS GRAVE SAMPLE FROM MEDIEVAL YAROSLAVL USING 3D GEOMETRIC MORPHOMETRICS (GMM) TECHNIQUES**

Tarasova, Anna (Institute of Archaeology Russian Academy of Sciences) - Evteev, Andrey (Research Institute and Museum of Anthropology Moscow State University) - Engovatova, Asya - Mednikova, Maria (Institute of Archaeology Russian Academy of Sciences)

**761 WHY ANCIENT LIPID ANALYSES IN ARCHAEOLOGY? A DISCUSSION AIMED AT WIDENING THE ARCHAEOLOGIST INTERPRETATION TOOLSET**

**ROOM:** UB105

**TIME:** 11:00 - 13:00

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Discussion session

**ORGANISERS:** Junno, Aripekka (University of Groningen; University of Stockholm) - Breu Barcons, Adrià (Autonomous University of Barcelona) - Holly Llewellyn, Madison (University of Groningen; University of Stockholm) - Demirci, Özge (University of Groningen; University of York) - Suryanarayan, Akshyeta (University of Cambridge)

**11:00 THE ENIGMA OF ANCIENT ALASKAN POTTERY**

Admiraal, Marjolein (University of Groningen) - Lucquin, Alexandre (University of York) - Jordan, Peter (University of Groningen) - Craig, Oliver (University of York)

**11:10 INTEGRATING ORGANIC RESIDUES FROM POTTERY AND SPATIAL ANALYSES: A REVIEW OF CURRENT RESEARCH AND POSSIBLE FUTURE STRATEGIES**

Breu, Adrià (Autonomous University of Barcelona)

**11:20 REGIONAL VARIATION IN THE USE OF EARLIEST POTTERY IN NORTHWEST EUROPE**

Demirci, Özge (York University - Bioarch)

**11:30 REDEFINING POTTERY: THE ARCHAEOLOGICAL RECORD AS AN ESSENTIAL TOOL FOR HISTORICAL INTERPRETATION**

García-García, Alejandra - Vico-Triguero, Laura - Alarcón-García, Eva (Department of Prehistory and Archaeology. University of Granada) - Cantarero-Malagón, Antonio Samuel (Department Analytical Chemistry. University of Granada) - Mora-González, Adrián (Department of Prehistory and Archaeology. University of Granada) - Padilla-Fernández, Juan Jesús (Department of Prehistory. University Complutense of Madrid) - Moreno-Onorato, Auxilio (Department of Prehistory and Archaeology. University of Granada) - Martín-Peinado, Francisco (Department of Edaphology and Agricultural Chemistry, University of Granada) - Manzano-Moreno, Eloísa (Department Analytical Chemistry. University of Granada) - Contreras-Cortés, Francisco (Department of Prehistory and Archaeology. University of Granada)

**11:40 BRINGING HOME ANIMALS - OKHOTSK AND LATE JOMON SUBSISTENCE AND FOOD TECHNOLOGIES IN NORTHERN JAPAN**

Junno, Aripekka (University of Groningen)

**11:50 COOKING WITH CONTAMINATES: THE EFFECT OF CONTAMINATION ON FOOD RESIDUE ANALYSIS**

Llewellyn, Madison (University of Groningen; University of Stockholm)

**12:00 ORGANIC RESIDUE ANALYSIS AS A ROUTINE METHOD IN ARCHAEOLOGY? OPPORTUNITIES, AVENUES, AND CHALLENGES**

Suryanarayan, Akshyeta (University of Cambridge)

**12:10 RESULTS OF LIPID ANALYSIS OF THE NEOLITHIC AND ENEOLITHIC MATERIALS OF THE LOW VOLGA REGION**

Vybornov, Alexander (Samara State University of Social Sciences and Education)

**12:20 DISCUSSION SLOT**

## 765 KNOW YOUR PLACE: DEFINING THE ROLE OF GEOPHYSICS IN DEVELOPMENT-LED ARCHAEOLOGY

**ROOM:** UB407

**TIME:** 8:30 - 13:00

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Regular session

**ORGANISERS:** De Smedt, Philippe (Ghent University) - Hulin, Guillaume (INRAP - French National Institute for Preventive Archaeological Research) - Rensink, Eelco (Cultural Heritage Agency of the Netherlands) - Trinks, Immo (Ludwig Boltzmann Institute for Archaeological Prospection and Virtual Archaeology)

Session related to the EAA Community on Archaeological Prospection.

### ABSTRACTS

#### 8:30 THE INTEREST OF INTEGRATING GEOPHYSICS ON ARCHAEOLOGICAL INVESTIGATIONS: THE ROMAN SETTLEMENT CASE AT ARTZI (NAVARRRE)

Garcia-Garcia, Ekhine (ARANZADI Society of Science; SOT Archaeological Prospection) - Mendizabal Sandonís, Oihane (ARANZADI Society of Science) - Sala Bartroli, Roger (SOT Archaeological Prospection) - Mtz.-Txoperena, Juan Mari (ARANZADI Society of Science) - Ortiz-Quintana, Helena (SOT Archaeological Prospection) - Agirre-Mauleon, Juantxo (ARANZADI Society of Science)

#### 8:45 AN ITALIAN EXPERIENCE. INTEGRATING GEOPHYSICAL SURVEY AND STRATIGRAPHIC EXCAVATION FOR THE COMPREHENSION OF A MULTI-PHASE VENETIAN PALACE

Strapazzon, Guglielmo (Laboratory of Geophysical - Satellite Remote Sensing & Archaeo-environment Foundation for Research & Technology, Hellas - F.O.R.T.H., Institute for Mediterranean Studies - I.M.S.)

#### 9:00 MOTORIZED GPR PROSPECTION AND TARGETED TEST TRENCHING: THE INTERCITY NYKIRKE-BARKÅKER PROJECT - A CASE STUDY FROM NORWAY

Nau, Erich (NIKU - Norwegian Institute for Cultural Heritage Research) - Hill, David (Vestfold County Council, Department of Cultural HeritageVest) - Gustavsen, Lars - Kristiansen, Monica (NIKU - Norwegian Institute for Cultural Heritage Research)

#### 9:15 SEE THROUGH A GLASS, DARKLY. COMPARISON OF LARGE-SCALE MAGNETOMETER SURVEYS AND PREVENTIVE EXCAVATIONS IN HUNGARY

Stibrányi, Máté - Pethe, Mihály - Mesterházy, Gábor - Klembala, Zsombor Máté (Budavári Nkft.) - Dani, János (Déri Múzeum) - Nagy, László - Buránszki, Nóra - Kecskés, Bence Dániel - Somogyi, Ferenc (Budavári Nkft.)

#### 9:30 HIGHWAYS TO HELL: ARCHAEOGEOPHYSICAL PROSPECTION AND DEVELOPMENT-LED ARCHAEOLOGY IN THE CZECH REPUBLIC

Tencer, Tomáš - Milo, Peter (Department of Archaeology and Museology, Masaryk University, Brno) - Peška, Jaroslav (AC - Olomouc) - Prištáková, Michaela - Vágner, Michal (Department of Archaeology and Museology, Masaryk University, Brno)



**9:45 NO PERFECT PLAN IN ARCHAEOLOGICAL GEOPHYSICS. ASSUMING THE UNEXPECTED IN SURVEY STRATEGIES**

Sala, Roger - Ortiz-Quintana, Helena (Sot Archaeological Prospection) - Garcia-Garcia, Ekhi-  
ne (ARANZADI Society of Science; Sot Archaeological Prospection)

**10:00 DISCUSSION SLOT****11:00 WHAT IS THE LEGAL STATUS OF A GEOPHYSICAL ANOMALY? SITUATING ARCHAEOLOGICAL GEOPHYSICS IN NORWEGIAN CULTURAL HERITAGE MANAGEMENT**

Stamnes, Arne Anderson (NTNU University Museum, Department of Archaeology and  
Cultural History)

**11:15 GEOPHYSICAL METHODS AND DEVELOPMENT-LED ARCHAEOLOGY IN FLANDERS: STATUS AND PERSPECTIVES**

De Clercq, Wim - De Smedt, Philippe (Ghent University) - Meylemans, Erwin (Flanders  
Heritage Agency)

**11:30 NON-INVASIVE APPROACHES IN HERITAGE MANAGEMENT? A NORWEGIAN PERSPECTIVE**

Schneidhofer, Petra - Tønning, Christer - Gansum, Terje (Vestfold County Council, Depart-  
ment of Cultural Heritage) - Nau, Erich (Norwegian Institute for Cultural Heritage Research)  
- Neubauer, Wolfgang (Ludwig Boltzmann Institut for Archaeological Prospection and Virtual  
Archaeology) - Paasche, Knut (Norwegian Institute for Cultural Heritage Research)

**11:45 INRAP AND GEOPHYSICS: TOWARDS A SUSTAINABLE APPROACH**

Hulin, Guillaume - Simon, François-Xavier (INRAP - National Institute for Preventive Ar-  
chaeological Research)

**12:00 TOWARDS AN IMPROVED IMPLEMENTATION OF GEOPHYSICAL SURVEY IN UK COMMERCIAL ARCHAEOLOGY**

Crabb, Nicholas (Wessex Archaeology)

**12:15 THE POWER OF WORDS. HOW MANIPULATIVE ARE SURVEY REPORTS?**

Meyer, Cornelius (Eastern Atlas GmbH & Co. KG)

**12:30 DISCUSSION SLOT****POSTERS****a. ARCHAEOLOGICAL FEATURES OF THE BRONZE AGE IN GEOPHYSICAL MEASUREMENTS AT THE SITE MANG DE BARGEN, NORTHERN GERMANY**

Schaefer, Stefanie (Institute of Pre- and Protohistoric Archaeology, CAU Kiel / SFB 1266) -  
Panning, Diana (Institute of Geosciences, CAU Kiel / SFB 1266)

- b. SHEKSHOVO BURIAL SITE: A CASE STUDY OF GEOPHYSICS' INVESTIGATION OF MEDIEVAL CEMETERY**  
Krasnikova, Anna (State Historical Museum) - Fedorina, Anastasia (Institute of Archaeology, Russian Academy of Sciences) - Erokhin, Sergey (Moscow State University) - Makarov, Nikolay (Institute of Archaeology, Russian Academy of Sciences) - Modin, Igor (Moscow State University) - Pavlova, Alexandra (JSC Institute Hydroproject) - Pelevin, Andrey - Topilina, Tatiana (Moscow State University) - Zaytseva, Irina - Ugulava, Nani (Institute of Archaeology, Russian Academy of Sciences)
- c. THE ROMAN MUNICIPIUM MUNIGUA (SEVILLE SPAIN): A CHALLENGE FOR A GEOPHYSICAL PROSPECTION**  
Brose, Kerstin (RGK - Romano-Germanic Commission DAI)
- d. INTEGRATED PROSPECTION FOR BURIAL MOUNDS IN ECKELRADE, THE SOUTH OF THE NETHERLANDS**  
Orbons, Joep (ArcheoPro, Eijsden; Saxion University) - Paulussen, Rob (ArcheoPro, Eijsden) - Amkreutz, Luc (National Museum of Antiquities, Leiden)

## 773 DOCUMENTING ENDANGERED HERITAGE SITES

**ROOM:** UB303

**TIME:** 8:30 - 12:30

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Regular session

**ORGANISERS:** Vágner, Zsolt (Archaeological Institute of Pázmány Péter Catholic University) - Gomez Bach, Anna (Universitat Autònoma Barcelona, Department of Prehistory)

### ABSTRACTS

- 8:30 WORKING IN SYRIA AND PREHISTORIC ARCHEOLOGY: REVIEW OF A LINE OF RESEARCH DURING A PERIOD OF INSTABILITY**  
Molist, Miquel - Taha, Buchra - Cruells, Walter - Gómez, Anna (Universitat Autònoma Barcelona- UAB)
- 8:45 DOCUMENTING THE WORLD HERITAGE SITE OF CRAC DES CHAVALIERS (QAL'AT AL HOSN) DURING TIME OF WAR**  
Vágner, Zsolt (Pázmány Péter Catholic University Institute of Archaeology) - Vasáros, Zsolt (Budapest University of Technology and Economy, Budapest Hungary) - Hanna, Hazem (Directorate General of Antiquities and Museums, Crac des Chevaliers) - Alejji, Edmond (Directorate General of Antiquities and Museums, Damascus)
- 9:00 HOW CAN REMOTE SENSING HELP IN DETECTING THE THREATS TO ARCHAEOLOGICAL SITES IN UPPER EGYPT?**  
Chyla, Julia (Antiquity of Southeastern Europe Research Centre University of Warsaw)

**9:15 DISCUSSION SLOT****9:30 DOCUMENTATION OF DAMASCUS CITADEL AND ITS BUILDING HISTORY**

Aleji, Edmond (Directorate General of Antiquities and Museums)

**9:45 DOCUMENTING OF MEDIEVAL WATER MANAGEMENT SYSTEM OF THE CRAC DES CHEVALIERS (QAL'AT AL HOSN) WORLD HERITAGE SITE**

Csoka, Zsofia - Vágner, Zsolt József (Pázmány Péter Catholic University Institute of Archaeology)

**10:00 DOCUMENTING LEBANESE MEDIEVAL CHURCHES**

Vágner, Zsolt (Pázmány Péter Catholic University Institute of Archaeology) - Kahwaji-Janho, Hany (Holy Spirit University of Kaslik)

**10:15 DISCUSSION SLOT****11:00 SUBMERGED SITES UNDER THREAT: DEFINING NEW STRATEGIES FOR THEIR MONITORING AND PRESERVATION**

Landeschi, Giacomo - Nilsson, Björn - Sjöström, Arne (Lund University)

**11:15 USING GIS CLOUD SERVICES AND STRUCTURE-FROM-MOTION PHOTOGRAMMETRY TO SURVEY AND MAP THE CONDITION OF RUNESTONES IN UPPSALA COUNTY, CENTRAL SWEDEN**

Lucas, Robin (Upplandsmuseet)

**11:30 DIGITISING MEGALITH - THE POTENTIAL OF DIGITAL PRESERVATION FOR ARCHAEOLOGICAL RESEARCH**

Klinke, Leo (Commission for Westphalian Antiquities) - Schierhold, Kerstin (LWL)

**11:45 FITTING A ROUND PEG INTO A SQUARE HOLE: THE APPLICATION OF HBIM TO THE DOCUMENTATION AND CONSERVATION OF HISTORIC STRUCTURES**

Corns, Anthony - Shaw, Robert - Devlin, Gary - Deevy, Aaron (The Discovery Programme) - Murphy, Maurice (Virtual Building Lab; Dublin Institute of Technology) - Cahill, John (Office of Public Works - OPW) - Pybus, Cailen (CIMS - Carleton Immersive Media Studios, Carleton University) - Gallant, Martine (CIMS - Carleton Immersive Media Studios, Carleton University)

**12:00 DISCUSSION SLOT**

## 780 **ARCHAEOLOGICAL UNCERTAINTY; A JOURNEY THROUGH THE RUINS OF A DISCIPLINE**

**ROOM:** UB303

**TIME:** 14:00 - 18:00

**THEME:** Archaeology and the European Year of Cultural Heritage

**FORMAT:** Regular session

**ORGANISERS:** Trelka, Malgorzata (Ironbridge International Institute for Cultural Heritage) - Howard, Sarah (Ironbridge International Institute for Cultural Heritage) - Beaulieu, Kiara (Ironbridge International Institute for Cultural Heritage)

### ABSTRACTS

- 14:00 DEALING WITH UNCERTAINTY: IMPROVING MENTAL HEALTH AND WELLBEING IN AN ARCHAEOLOGICAL WORKPLACE**  
Whitaker, Katy (University of Reading; Historic England)
- 14:15 INCLUSION IN THE ANXIETY BUBBLE: HOW DO WE ACCESS ACCESSIBLE ARCHAEOLOGY?**  
Pageau, Hanna (University at Albany)
- 14:30 REFLECTING ON THE EVALUATIVE PROCESS AND EXPLORING PUBLIC SKILLS TRAINING**  
O'Mahoney, Alice (University of Bradford)
- 14:45 DISCUSSION SLOT**
- 15:00 DISCREPANCY BETWEEN THE IDEAL AND THE REALITY - FINNISH PERSPECTIVE TO ARCHAEOLOGY IN TRANSITION**  
Seppanen, Liisa (University of Turku) - Haggrén, Georg (University of Helsinki)
- 15:15 ARCHAEOLOGISTS AND THE HERITAGE COMMUNITY**  
Trelka, Malgorzata (University of Birmingham)
- 15:30 PUTTING THE ME BACK INTO ARCHAEOLOGICAL HERITAGE MANAGEMENT**  
Howard, Sarah (University of Birmingham)
- 15:45 DISCUSSION SLOT**
- 16:30 RAGING AGAINST THE MACHINE; ARCHAEOLOGY, METAL DETECTING, AND LEGISLATION IN NORTH AMERICA**  
Beaulieu, Kiara (University of Birmingham)
- 16:45 HOW DO WE KNOW WHAT WE KNOW? - IDENTIFYING DIFFERENT TYPES OF ARCHAEOLOGICAL SITES**  
Kama, Pikne (Valga Museum)

**17:00 HARNESSING THE SUBVERSIVE POWER OF ARCHAEOLOGY: THE VISION AND PRACTICES OF PATTANAM (MUZIRIS) EXCAVATION PROJECT, INDIA**

PJ, Cherian (PAMA Institute for the Advancement of Trans-disciplinary Archaeological Science)

**17:15 GENTLY GNAWING ON OUR PHALANGES: WITHER ARCHAEOLOGICAL WAYS OF KNOWING IN AN ARCHAEOLOGICAL HERITAGE MANAGEMENT BEYOND ARCHAEOLOGY**

Ferris, Neal (University of Western Ontario)

**17:30 DISCUSSION SLOT****790 INSIGTS IN ARCHAEOLOGY TODAY**

**ROOM:** UB204

**TIME:** 8:30 - 18:00

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Bogdanovic, Igor (Universitat Autònoma de Barcelona) - Andreaki, Vasiliki (Universitat Autònoma de Barcelona) - Suryanarayan, Akshyeta (University of Cambridge) - Boom, Carina (-) - Picas, Mathieu (University of Barcelona) - Molina, Bárbara (University of Barcelona)

**ABSTRACTS****8:30 MANAGING KNOWLEDGE TO MANAGE THE PAST IN AN AGE OF UNCERTAINTY**

Lee, Edmund (HE - Historic England)

**8:45 PATTERNS OF LITHIC RAW MATERIALS PROCUREMENT DURING THE MIDDLE PLEISTOCENE IN CALERIZO DE CÁCERES, EXTREMADURA SPAIN**

Akintayo, Akinbowale (Universitat Rovira i Virgili) - Canals, Antoni (Universitat Rovira i Virgili; Institut Català Paleoecologia Humana i Evolució Social)

**9:00 COLLUVIAL DEPOSITS AS PROXY INDICATORS OF HUMAN ACTIVITY: A CASE STUDY FROM NORTHERN ENGLAND**

Gardner, Tom (University of Edinburgh) - Tipping, Richard (University of Stirling) - Kinnaird, Tim (University of St Andrews) - Finneran, Anna (University of Durham)

**9:15 CLIMATE OF CHANGE: EXPLORING THE SOCIAL CONSEQUENCES OF CLIMATE DRIVEN VEGETATION CHANGE IN THE ARCHAEOLOGICAL RECORD**

Cromartie, Amy (Cornell University)

**9:30 DISCUSSION SLOT****9:45 UNDERSTANDING BATTLEFIELDS: THE ANALYSIS OF BATTLEFIELDS THROUGH THE ARCHAEOLOGY OF ARTEFACTS**

Claxton, Kevin (University of York)

- 10:00 MATERIAL TRACES OF THE WAR IN THE BIALOWIEŻA PRIMEVAL FOREST IDENTIFIED WITH THE HELP OF THE AIRBORNE LASER SCANNING**  
Szlazak, Roman - Wawrzenuk, Joanna (Institute of Archaeology Cardinal Stefan Wyszyński University in Warsaw)
- 10:15 DISCUSSION SLOT**
- 11:00 ETHICS IN TREATMENT OF ARCHAEOLOGICAL AND ANTHROPOLOGICAL REMAINS**  
Rita, Solazzo (Paris 1 Pantheon Sorbonne) - Solaini, Prisca (Università di Roma La Sapienza)
- 11:15 DIMENSION OF THE DEATH AND THE SPLIT BODY. ON THEORETICAL APPROACH TO HUMAN REMAINS IN ARCHEOLOGY**  
Durczak, Kinga (Leiden University)
- 11:30 DISCUSSION SLOT**
- 11:45 LA VALLETTA CONVENTION IN SERBIA: THE TIME TO CHANGE OR FIRST TO IMPLEMENT**  
Joncic, Nenad (University of Primorska Faculty of Humanities)
- 12:00 PRESENTATION MODELS OF ARCHAEOLOGICAL HERITAGE. FROM PROJECT TO REALITY. THE CELLA VINARIA PROJECT AS AN EXAMPLE (TEIÀ-MARESME-BARCELONA)**  
Martín i Oliveras, Antoni (Universitat de Barcelona; Government of Catalonia-Ministry of Culture-Archaeology & Paleontology Service) - Sierra Díaz, Leticia (Universitat de Barcelona; toolbox gestión y comunicación integral SL)
- 12:15 DISCUSSION SLOT**
- 14:00 „A BOTTOM-UP COLLECTION“: THE CROWDSOURCED COLLECTION OF THE YMCA BASKETBALL MUSEUM IN THESSALONIKI, GREECE**  
Theodoroudi, Eleftheria (Aristotle University of Thessaloniki - AUTH; YMCA) - Kasvikis, Konstantinos (University of Western Macedonia - UoWM)
- 14:15 REPORT-BASED ARCHAEOLOGY: DON'T WE NEED MORE COMPILATION?**  
Asinmaz, Alper (Dokuz Eylul University)
- 14:30 DISCUSSION SLOT**
- 14:45 SCANDINAVIAN GOLD BRACTEATES AND THE ORIGIN OF BEOWULF**  
Battaglia, Frank (College of Staten Island/ City University of New York)
- 15:00 TERRACOTTA LAMPS OF THE GAMOS WORKSHOP FOUND IN CYRENAICA AND CRETE**  
Bak, Maria (Institute of Archaeology University of Warsaw)
- 15:15 ROMAN AGE BRONZE-WORKING IN CENTRAL ADRIATIC ITALY: INVESTIGATING THE SPATIAL CONTEXT OF URBAN PRODUCTIONS**  
Carboni, Francesca (Ghent University)
- 15:30 HORUS ON THE CROCODILES AND EROS ON THE GOOSE: PERSONAL MAGIC AND CONTROL OF WILD THINGS IN ROMAN EGYPT**  
Hackley, Laurel (Brown University)

**15:45 DISCUSSION SLOT****16:30 HORNED-FIGURES AND WEAPON DANCERS: ENDURING SYMBOLS IN PREHISTORIC SCANDINAVIAN RELIGION**

Maddox, Timmis (Independent)

**16:45 ATTIRE OF ADORNMENTS FROM ANCIENT RUSSIAN TREASURES AND SOCIETY**

Zhilina, Natalia (Institute of Archaeology Russian Academy of Sciences)

**17:00 THE WRITING'S ON THE WALL: A MATERIAL CULTURE ANALYSIS OF ARTISTIC AND POLITICAL EXPRESSION AS GRAFFITI IN ISTANBUL**

Geraets, Joel (University of Bristol)

**17:15 DISCUSSION SLOT****POSTERS**

- a. PROMOTING THE ROMAN MARKET OF ATHENS AND HADRIAN'S LIBRARY AS A GROUP**  
Spyropoulou, Aliko (Architect)
- b. THE UNIQUE VESSEL FROM THE WIELBARK CULTURE CEMETERY IN MAŁE CZYSTE (CHEŁMNO LAND, POLAND)**  
Pronobis, Maria (Institute of Archaeology Nicolaus Copernicus University)
- c. THEORETICAL ARCHAEOLOGY OF THE LATE BRONZE AGE IN VOLGA-URAL REGION**  
Shcherbakov, Nikolai - Shuteleva, Iia (Bashkir State Pedagogical University named after M. Akmulla, Laboratory of Method and Methodology of Humanitarian Research)
- d. RESEARCH AND GOOD PRACTICES ON SAFEGUARDING OF CULTURAL HERITAGE IN THE CONTEXT OF THE CONTEMPORARY INTERVENTIONS IN THE HISTORICAL MONUMENTS**  
Turcanu-Carutiu, Daniela (Ovidius University of Constanta; Society for American Archaeology) - Ion, Rodica-Mariana (ICECHIM, Group of Evaluation and Conservation Cultural Heritage, Bucharest) - Schroder, Verginica (Ovidius University Constanta, Faculty of Pharmacy) - Tincu, Sorin (Corvin's Castle, Museum of Archeology, History and Ethnography, Hunedoara) - Ravotto, Alessandro (Institut Català d'Argueologia Clàssica - ICAC)
- e. PALAEOENVIRONMENTAL RESEARCH OF THE ORGANIC FILL OF THE SMALL DEPRESSION NEAR THE EARLY MEDIEVAL STRONGHOLD IN SANTOK (WEST POLAND)**  
Rzodkiewicz, Monika (University of Adam Mickiewicz in Poznan, Faculty of Geographical and Geological Sciences, Institute of Geoecology and Geoinformation) - Zamelska-Monczak, Kinga (Institute of Archaeology and Ethnology of the Polish Academy of Sciences, Center for Prehistoric and Medieval Studies, Poznan) - Piotrowski, Andrzej - Sydor, Paweł - Żuk, Tomasz (Polish Geological Institute - National Research Institute, Pomeranian Branch in Szczecin, Poland) - Krzemińska, Jarmila (Polish Geological Institute - National Research Institute, Marine Geology Branch in Gdansk) - Noryskiewicz, Agnieszka M. (University Nicolaus Copernicus, Faculty of History, Institute of Archaeology, Torun)

- f. RHYTHMS OF CARE: RETHINKING NEOLITHIZATION THROUGH A MULTISPECIES LENS**  
Gorczyk, John (Cornell University)
- g. SAN ADRIAN/LIZARRATE CAVE (GIPUZKOA, BASQUE COUNTRY): HIGHLAND HUMAN SETTLEMENT DURING THE LAST 14,000 YEARS**  
Moraza, Alfredo - Ceberio, Manuel- Tapia, Jesus (Aranzadi Society of Sciences)

## 791 FUNERARY RITUAL ALONG HOLOCENE PERIOD

**ROOM:** UB306

**TIME:** 11:00 - 18:30

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Subirà, M. Eulàlia (Universitat Autònoma de Barcelona) - Gonzalez, Ian (Université Paul Valéry, Montpellier)

### ABSTRACTS

#### 11:00 LOOSE HUMAN BONES AND THE EARLY POSTGLACIAL SOCIETIES IN SW IBERIA

Peyroteo Stjerna, Rita (Dep Organismal Biology, Human Evolution, Uppsala University; UNIARQ, Centro de Arqueologia da Universidade de Lisboa) - Gonçalves, David (Archaeosciences Laboratory, Directorate General for Cultural Heritage - LARC/CIBIO/InBIO; Research Centre for Anthropology and Health - CIAS, Department of Life Sciences, University of Coimbra; Laboratory of Forensic Anthropology, Centre for Functional Ecology, Department of Life Sciences, University of Coimbra) - Piga, Giampaolo (Laboratory of Forensic Anthropology, Centre for Functional Ecology, Department of Life Sciences, University of Coimbra) - Araújo, Ana Cristina (Archaeosciences Laboratory, Directorate General for Cultural Heritage - LARC/CIBIO/InBIO; UNIARQ, Centro de Arqueologia da Universidade de Lisboa)

#### 11:15 REBUILDING LIVES THROUGH SKELETAL REMAINS. FUNERARY PRACTICES OF BRONZE AGE POPULATIONS IN NAVARRA (SPAIN)

Díaz-Navarro, Sonia (University of Valladolid)

#### 11:30 POST-MORTEM MANIPULATED HUMAN BODIES IN THE CANTABRIAN BRONZE AGE (NORTHERN IBERIA)

González Rabanal, Borja - Marín Arroyo, Ana Belén - González Morales, Manuel Ramón (Instituto Internacional de Investigaciones Prehistóricas de Cantabria)

#### 11:45 HUMAN REMAINS AND CORPORATE IDENTITY IN EARLY BRONZE AGE IRELAND AND SCOTLAND

Haughton, Mark (University of Cambridge)



**12:00 POST MORTEM AGENCY OF UNBURIED CORPSES FOLLOWING THE SANDBY BORG MASSACRE**

Alfsson, Clara (Linnaeus University)

**12:15 MANIPULATED BODIES IN PROTOHISTORIC GAUL: COMPLEX THOUGHT AND FUNERARY ARCHAEOLOGY**

Gonzalez Alaña, Ian (Université Paul Valéry Montpellier-UMR5140 CNRS)

**12:30 THE BODY DIVIDED: A BIOARCHAEOLOGICAL ANALYSIS OF DECAPITATION AND FRAGMENTATION PRACTICES IN LATE WESTERN ROMAN BRITAIN**

Christie, Shaheen (University of Wisconsin-Milwaukee)

**12:45 DISCUSSION SLOT**

**14:00 EINMAL IST KEINMAL. CREMATION PRACTICES ON THE EASTERN FRINGE OF THE FUNNELBEAKER CULTURE'S SPREAD AREA**

Haluszko, Agata (Archeolodzy.org Foundation) - Chmielewski, Tomasz (Institute of Archaeology and Ethnology, University of Gdańsk) - Pienkos, Igor (Igor Pienkos INGWAR, Jędrzejów) - Furmanek, Mirosław (Institute of Archaeology, University of Wrocław) - Starkova, Elena (The State Hermitage Museum, Saint Petersburg) - Zawislak, Paweł (Lublin)

**14:15 THE PUZZLE OF A LATE NEOLITHIC COMPLEX OF SKULLS FROM SOUTH-EASTERN EUROPE**

Kogalniceanu, Raluca (Institute of Archaeology, Bucharest) - Simalcsik, Angela (Centre of Anthropological Research, Iasi)

**14:30 HOW DID PEOPLE HANDLE DEAD BODIES IN THE LATER STONE AGE? (ON MATERIALS OF HUNTER-GATHERER BURIAL SITES ON THE RUSSIAN PLAIN)**

Khramtsova, Anastasia (Institut fuer Ur- und Fruehgeschichte Kiel)

**14:45 INTENTIONAL RITUAL PENETRATION OF BURIALS (IN THE CASE OF LISAKOVSK ANDRONOVO BURIAL SITE, THE BRONZE AGE, KAZAKHSTAN)**

Usmanova, Emma (Saryarka Archaeological Institute of Buketov Karaganda State University)

**15:00 SECONDARY MANIPULATION OF BODIES IN THE BRONZE AGE CARPATHIAN BASIN: THE CASE OF HUMAN REMAINS IN SETTLEMENTS**

Szeverenyi, Vajk (Déri Múzeum, Debrecen)

**15:15 HANDLING BODY PARTS: TREATMENTS TO THE DEAD IN CENTRAL ANATOLIAN NEOLITHIC COMMUNITIES**

Buyukkarakaya, Ali Metin (Department of Anthropology, Hacettepe University) - Godon, Martin (Institut Français d'Études Anatoliennes - IFEA)

**15:30 SEASONAL BURIALS AS A CASE OF NEOLITHIC BODY MANIPULATION IN ANATOLIA**

Harabasz, Katarzyna (Adam Mickiewicz University)

**15:45 DISCUSSION SLOT**

- 16:30 STUDY OF SHROUDING IN EARLY MEDIEVAL POLAND AS EXAMPLE OF INTERACTION BETWEEN LIVING AND DEATH**  
Durczak, Kinga (Leiden University)
- 16:45 AN ALIEN, A FREAK OR A VAMPIRE? ATYPICAL BURIAL FROM THE CHURCH OF THE HOLY TRINITY IN BYSZEWO (POLAND)**  
Nowak, Sebastian (Nicolaus Copernicus University in Torun)
- 17:00 FILLING AND EMPTYING THE GRAVE: A CASE STUDY FROM HIERAPOLIS**  
Wenn, Camilla Cecilie (Museum of Cultural History, University of Oslo)
- 17:15 DEMOGRAPHIC BURIAL PATTERNS WITHIN THE WALLS OF A MEDIEVAL TRANSYLVANIAN SZÉKELY CHURCH**  
Bethard, Jonathan (University of South Florida) - Zejdlik, Katie (Western Carolina University) - Kulhavy, Katie (University of Tennessee) - West, Frankie (Western Carolina University) - Nyárádi, Zsolt (Haáz Rezső Múzeum) - Gonciar, Andre (ArcheoTek-Canada)
- 17:30 MOLECULAR APPROACHES TO UNDERSTANDING THE PAST: A CASE STUDY FROM 17TH CENTURY TRANSYLVANIA**  
Bethard, Jonathan (University of South Florida) - Nyaradi, Zsolt (Haáz Rezső Múzeum) - Gonciar, Andre (ArcheoTek-Canada) - Monroe, Cara - Hoffman, Courtney (University of Oklahoma)
- 17:45 DISCUSSION SLOT**

# ARCHAEOLOGY IN BARCELONA

>> Barcelona is a city steeped in history which works to preserve, disseminate and research its heritage

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SERVICE OF  
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**Archaeology in Barcelona** is founded on a solid scientific tradition which had already attained a high standard by the 1950s, the 1960s and later. Nevertheless, it was not until the 1980s that urban archaeology established itself ultimately as one of the local programmes centred on the understanding and safeguarding of the archaeological heritage of the city, whilst the task of archaeology and the figure of the archaeologist were becoming ever more professionally-oriented. Within Barcelona City Council, three organisations have been set up to promote and endeavour for the growth and dissemination of our archaeological heritage: El Born CCM, the MUHBA and the Archaeology Service.



[barcelona.cat/arqueologia/barcelona](http://barcelona.cat/arqueologia/barcelona)  
[barcelona.cat/museu/historia](http://barcelona.cat/museu/historia)  
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> **The site of El Born** is exceptional due to a number of factors: it occupies an area of 8,000 sq. m. within the urban fabric of the city; it is in an excellent state of preservation and enables an understandable reading of its structures; and, lastly, it is a site that can be documented on account of the various archive records preserved.

> **The MUHBA** benefits from several heritage centres where various moments in the city's history are explained, from the Roman colony to industrial archaeology and even the military conflicts of the 20th century. It also acts to safeguard the city's archaeology collections. **The Archaeology Service** is responsible for managing all archaeological interventions carried out and it coordinates projects for research into and dissemination of heritage.



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REVISTA DE PREHISTÒRIA I ANTIGUITAT DE LA MEDITERRÀNIA OCCIDENTAL  
JOURNAL OF WESTERN MEDITERRANEAN PREHISTORY AND ANTIQUITY

# Friday 7 September

	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
UB102	<b>721</b> <b>Connections and Concurrencies: The Global Turn in Historical Archaeology and Future Challenges in European Historical Archaeology</b> 8:30-13:00		<b>316</b> <b>Perspectives of the Marie Skłodowska-Curie Fellows in the Archaeological and Cultural Heritage Fields</b> 14:00-16:00	
UB105		<b>752</b> <b>Gender in Movement</b> 11:00-13:00	<b>605</b> <b>Training Archaeologists for Transnational Mobility (Annual Round Table of the EAA Committee on the Teaching and Training of Archaeologists)</b> 14:00-16:00	<b>442</b> <b>Pan-disciplinary Research and the Future Role for Archaeology</b> 16:30-18:30
UB202	<b>647</b> <b>New Tools and Practices Used to Improve the Understanding of Archaeological Heritage in Urban Context</b> 8:30-10:30	<b>776</b> <b>Heritage Management in the 21st Century: Where Is It Heading? State Agencies, NGOs, Charities or Independent Organisations?</b> 11:00-13:00	<b>207</b> <b>Theoretical Approaches to Techno-behaviours during the Middle Stone Age (Africa)/Middle Palaeolithic (Europe)</b> 14:00-18:30	
UB203		<b>Virtual Museums Exhibition</b> 10:00-18:30		
UB204	<b>092</b> <b>Interpreting and Understanding the Past through Medieval Small Finds</b> 8:30-18:00			
UB205	<b>265</b> <b>Leaving No Stone Unturned: What Archaeology Means to Unsustainable Urban Growth</b> 8:30-16:00			<b>630</b> <b>Advancing Global Rock Art as an Archaeological and a Community Resource</b> 16:30-18:30
UB206	<b>358</b> <b>Glaze Production Technology in the Medieval and Post-medieval Mediterranean</b> 8:30-13:00		<b>429</b> <b>Current Approaches to Tells and Tell-like Sites in the Prehistoric Old World</b> 14:00-18:30	
UB207	<b>662</b> <b>The Soul of Replicants: from Altamira to Blade Runner? Tribute to José Antonio Las Heras</b> 8:30-10:30	<b>419</b> <b>Magic in Prehistory</b> 11:00-16:00		<b>651</b> <b>European Projects in America: Past, Present and Future</b> 16:30-18:30

# Friday 7 September

	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
UB208	<b>667</b> The Eighth Century BC – a Turning Point? 8:30-13:00		<b>258</b> Transforming Peatlands. Change and Continuity Reflected through Prehistoric and Historic Sites in Fens and Bogs 14:00-17:30	
UB209	<b>731</b> Music Archaeology: Recent Trends and Future Challenges 8:30-13:00		<b>661</b> Late Glacial and Postglacial Population History and Cultural Transmission in Iberia 14:00-17:30	
UB210	<b>532</b> Textiles in Ancient Iconography 8:30-18:30			
UB211	<b>672</b> CAA @ EAA: Computational Models in Archaeology 8:30-18:30			
UB212	<b>567</b> The Third Dimension. Animal Representations in the Past 8:30-17:30			
UB213	<b>782</b> The Value of Lithic Raw Materials in Defining Prehistoric Social Territories 8:30-16:00			<b>302</b> Gendered, Diverse, Inclusive Archaeological Museums? Proposals and Experiences for a More Equal Approach to Heritage 16:30-18:30
UB219	<b>335</b> Strategies of Obsidian Procurement, Knapping and Use in the First Farming Societies from the Caucasus to the Mediterranean 8:30-12:30		<b>749</b> From Strategies to Practice in the Protection and Promotion of Archaeological Landscapes 14:00-18:00	
UB220	<b>726</b> Farming under the Crescent Moon: Archaeological Insights into the Medieval 'Islamic Green Revolution' 8:30-12:00		<b>363</b> Human, Posthuman, Transhuman Digital Archaeologies 14:00-18:30	
UB221	<b>571</b> What Haven't You Found? 'Blank Areas' and the Value of Negative Evidence 8:30-10:30	<b>500</b> Outcast Architecture: Unusual Buildings and Unusual Building 11:00-15:30		<b>638</b> Making the Case: Collating and Using Evidence on the Value of Rural Heritage to Influence EU and Domestic Policy 16:30-18:30

# Friday 7 September

	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
UB222	<p><b>200</b> Entrepreneurs and Merchants in the Late Bronze Age – Early Iron Age Mediterranean 8:30-12:00</p>	<p><b>151</b> Boundary Bodies: Critically Thinking the Body in Contemporary (Osteo)archaeology 12:00-16:00</p>		<p><b>371</b> Hashtag Scicomm: Communicating Archaeology and Cultural Heritage in a Post-factual Age 16:30-18:30</p>
UB302	<p><b>774</b> The Missing Woodland Resources: Approaches to the Technological Use of Plant Raw Materials 8:30-10:30</p>	<p><b>389</b> Does the "Domesticated Landscape" Have a Special Isotopic Signature? 11:00-15:30</p>		<p><b>684</b> At the Interface: Investigating Coupled Human and Natural System from Natural Scientific and Archaeological Perspective. Challenges and Opportunities 16:30-18:30</p>
UB308	<p><b>747</b> Archaeology of Visigothic and Carolingian Europe (5th-9th Centuries) 8:30-13:00</p>		<p><b>692</b> Cultural Heritage in Modern Conflicts 14:00-17:30</p>	
UB304	<p><b>101</b> Understanding Activity Patterns of Animals: Methods, Applications, and Human-animal Relationships 8:30-16:00</p>			<p><b>787</b> Issues in Mediterranean Seascapes: from the Terminal Pleistocene to the Early-Middle Holocene – Exotics, Social Interactions and Environment 16:30-18:30</p>
UB305	<p><b>312</b> Ancient Pottery in Central Asia: Large Scale Perspective on the Production Systems and the Cultural Interactions 8:30-16:00</p>			<p><b>460</b> Sea-pathways: Neolithic on Littoral Environments 16:30-18:30</p>
UB306	<p><b>495</b> Methodological Advances in Coastal and Maritime Archaeology 8:30-16:00</p>			<p><b>604</b> Dwelling on the Shore: Water-level Changes in Wetland Environments 16:30-18:30</p>
UB307	<p><b>502</b> Earthen Architecture and Habitation Sites: Building Ways of Life in Prehistory 8:30-16:00</p>			<p><b>767</b> Risk Preparedness in Archaeological Practice and Theory 16:30-18:30</p>
UB308	<p><b>184</b> Perspectives on Things, People and Places AD 1500-2018 8:30-16:00</p>			<p><b>552</b> The Malta Convention: The Time to Change Is Now 16:30-18:30</p>

# Friday 7 September

	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
UB309	<b>665</b> Bronze Age Transformation Processes in Europe – Changes and Their Triggers in Archaeological and Ecological Records 8:30-16:00			<b>576</b> Climate Change and Heritage (CCH) 16:30-18:30
UB310		<b>566</b> Tales of Isotopes from Iberia: Past, Present and Future Perspective 11:00-18:00		
UB311	<b>506</b> Archaeology of Rock-hewn Sites and Quarries: People, Stones and Landscapes 8:30-15:30			<b>322</b> The Origins of Sound-making, Singing and Music. The Archaeo-acoustics of Early Humans 16:30-18:30
UB401	<b>514</b> The Destructive, Non-destructive, and Non-invasive: (Bio)archaeological Sciences, and Narrating the Body in the Ancient Eastern Mediterranean and the Middle East 8:30-12:30		<b>738</b> From Corruption to Connection and Back. New Archaeological Insights in the Mediterranean Seascapes 14:00-18:00	
UB402	<b>635</b> Creating Foodscapes in Colonial and Imperial Contexts: Food, Cuisines and Food Environments in Global Perspectives 8:30-13:00		<b>771</b> Archaeology & Anarchistic Thought – Theoretical Stands and Direct Action? 14:00-18:30	
UB403	<b>798</b> Cultural Heritage and Development: The World Bank's New Environmental and Social Framework 8:30-10:30	<b>211</b> Rock & Ritual: Caves, Shelters and Stones in the Ancient Mediterranean 11:00-17:30		
UB404		<b>550</b> Current Research into the Archaeology of the Baltic Region 11:00-17:30		
UB405	<b>690</b> Woodland Archaeology: Approaches, Methods, Current Problems and Future Perspectives 8:30-13:00		<b>711</b> Taking Conflict Archaeology beyond National Borders 14:30-18:30	
UB406	<b>385</b> Moving Forward through a New Gendered Funerary Archaeology. Current Research and New Perspectives on Differences and Inequality in Prehistoric Societies 8:30-13:00		<b>655</b> Rock Art and Archaeological Science – Exploring Methodological Adaptations, Innovations and Limitations 14:00-18:30	



# Friday 7 September

8:30 - 10:30      coffee break      11:00 - 13:00      lunch break      14:00 - 16:00      coffee break      16:30 - 18:30

UB407	<b>664</b> <b>Mediterranean Islands out of the Stream: Comparing Islands Across Time</b> 8:30-12:30		<b>531</b> <b>New and Interdisciplinary Approaches in Research into the Hunter-Fisher-Gatherer Stone Age on the Eastern Shores of the Baltic</b> 14:00-18:30	
	UB408	<b>568</b> <b>Food and Drink in Archaeology: Multidisciplinary Approaches to Past Food Practices (Part 1)</b> 8:30-13:00		<b>648</b> <b>Who's Counting? Exploring New Avenues for a Unified Quantification Framework of Archaeological Data in Material Studies</b> 14:00-18:30
UB409		<b>561</b> <b>Archaeological Indicators for the Identification of Medieval Jewish Populations</b> 8:30-12:00		<b>596</b> <b>Teeth Are Amazing! The Contribution of Dental Anthropology in Reconstructing Lifestyles, Social Behaviors, Health and Diet in the Past</b> 14:00-17:30
	UB410	<b>247</b> <b>Gateway or Endpoint: Scandinavian Contacts from the Third to First Millennium BC</b> 8:30-12:00		<b>756</b> <b>The Light Fantastic: the Archaeology of Illumination</b> 14:00-17:30
UB411		<b>279</b> <b>Pirene vs. Glass: The Contribution of Archaeological and Archaeometric Glass Analysis to the Study of Early Medieval Long-distance Trade Networks</b> 8:30-12:30		<b>284</b> <b>You see a Man's Home, You See the Man... Houses and Their Decoration in the Eastern Mediterranean</b> 14:00-17:30
	UB412	<b>066</b> <b>Archaeological Investigation in Synthetic Worlds: Practical Applications of Theory and Method</b> 8:30-10:30	<b>657</b> <b>Boundaries and Regions in Iron Age (Celtic) and Romano-Celtic Religions</b> 11:00-13:00	<b>769</b> <b>Archaeology of Material Culture and Territory within the Iberian Colonial Empires (15th-18th Centuries)</b> 14:00-16:00
UB4M		<b>477</b> <b>The Archaeology of Climate Change in the Past and Present</b> 8:30-16:00		<b>797</b> <b>International Cooperation in Archaeology and Heritage and the World Bank's Engagement in Cultural Heritage Management</b> 16:30-18:30
	UB4FS	Virtual Reality Exhibition 10:00-18:30		
UB4G		<b>399</b> <b>Culture Contact in the Greek Mediterranean</b> 9:15-13:00		<b>551</b> <b>The Western Mediterranean Sea: A Crossroad of Objects, Humans and Ideas</b> 14:00-18:00

# Friday 7 September

	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
CCCB -1A	<b>744</b> <b>The Women Dimension in Archaeology: Between Politics and Social Constrains</b> 8:30-10:30	<b>357</b> <b>In the Shadow of the Roman Empire: Contact, Influence and Change Outside the Roman Limes</b> 11:00-17:30		
CCCB 11A	<b>148</b> <b>Modeling the Spread of Agriculture: The Application of Computational Modeling Techniques to the Neolithic Transition</b> 8:30-15:30			
CCCB 12A	<b>558</b> <b>Wetlands vs. Drylands? Challenging Divides and Changing Archaeological Perspectives on Prehistoric Wetland Sites, Landscapes and Societies</b> 8:30-13:00	<b>397</b> <b>Modelling the Past: Crisis of Ideas in Modern Archaeology?</b> 14:00-18:30		
CCCB 4M	<b>372</b> <b>Frontiers of Motion? Borderlands as Zones of Communication and Mobility</b> 8:30-18:30			
UB4M	<b>Annual Membership Business Meeting</b> 18.40-20.00			
CCCB -1A	<b>Virtual Archaeology Video Show</b> 19.00-20.00			

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## 066 ARCHAEOLOGICAL INVESTIGATION IN SYNTHETIC WORLDS: PRACTICAL APPLICATIONS OF THEORY AND METHOD

**ROOM:** UB412

**TIME:** 8:30 - 10:30

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Regular session

**ORGANISERS:** Reinhard, Andrew (University of York, Centre for Digital Heritage) - Linde, Lennart (Goethe Universität)

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### ABSTRACTS

**8:30 DIGITAL REMAINS MADE PUBLIC: DEATH ONLINE, DIGITAL MNEMONIC LANDSCAPES AND THEIR IMPLICATIONS FOR ARCHAEOLOGISTS**

Ulguim, Priscilla (Teesside University)

**8:45 UNDER THE TECH TREE - THOUGHTS ON LINEAR EVOLUTION IN SIMULATION GAMES**

Linde, Lennart (Goethe University Frankfurt)

**9:00 SOLVING THE UNSOLVABLE: IMPOSSIBLE PROBLEMS AND ATARI 2600 CODE REUSE**

Aycock, John (University of Calgary)

**9:15 VRCHEOLOGY AND THE INVESTIGATION OF SKYRIM AS SITE AND LANDSCAPE**

Reinhard, Andrew (University of York)

**9:30 2B, OR NOT TO BE: RECORDING THE RELIQUARY SYSTEM IN NIER: AUTOMATA**

Smith Nicholls, Florence (Independent researcher)

**9:45 THE ONTOLOGY OF VIRTUAL REALITY IN ARCHAEOLOGY: DE MUL'S DIGITAL CHARACTERISTICS IN VIRTUAL CULTURAL HERITAGE**

Galt, Alistair (Independent)

**10:00 DISCUSSION SLOT**

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### POSTERS

**a. A VIRTUAL ARCHAEOLOGICAL VISIT USING A HEAD-MOUNTED DISPLAY AND AN ACTIVE STEREO DISPLAY: AN EXPERIENCE IN A SMALL MUSEUM**

Melchor Monserrat, Jose (Museo Arqueologico Burriana) - Juan Lizandra, Maria Carmen (Instituto Universitario de Automática e Informática Industrial Universitat Politècnica València) - Benedito Nuez, Josep (Universitat Jaume I de Castellón) - Tipantuña, Giovanni (Universidad Politecnica de València) - Garcia Garcia, Inmaculada (Departamento de Sistemas Informáticos y Computación de Universitat Politècnica València)

## 092 INTERPRETING AND UNDERSTANDING THE PAST THROUGH MIEVEAL SMALL FINDS

ROOM: UB204

TIME: 8:30 - 18:00

THEME: The archaeology of material culture, bodies and landscapes

FORMAT: Regular session

ORGANISERS: Lewis, Michael (British Museum; Portable Antiquities Scheme) - Kars, Mirjam (VU University; Portable Antiquities of the Netherlands) - Højmark Søvsø, Mette (Sydvestjyskemuseer) - Sawicki, Jakub (AU - Institute of Archaeology of the Academy of Sciences of the Czech Republic)



### ABSTRACTS

- 8:30 AGITATED MINDS AND SMALL FINDS: AN ARCHAEOLOGY OF LATER MEDIEVAL EMOTION**  
Standley, Eleanor (University of Oxford)
- 8:45 LOVE SEX MAGIC IN MEDIEVAL EUROPE: THE ARCHAEOLOGICAL EVIDENCE**  
Watson, Gemma (University of Reading)
- 9:00 RELIGION FOR EVERYDAY LIVES. SMALL FINDS AND LIVED RELIGION IN LATE MEDIEVAL SWEDEN**  
Regner, Elisabet (National Historical Museums)
- 9:15 MEDIEVAL SMALL FINDS, RELIGIOUS PRACTICE AND EVERYDAY LIFE**  
Søvsø, Mette (Sydvestjyske Museer)
- 9:30 SMALL LUMPS OF LEAD - FINDS OF LEAD AMULETS IN DENMARK**  
Imer, Lisbeth (National Museum of Denmark)
- 9:45 SMALL FINDS EXPRESS RELIGIOUS BELIEFS**  
Witte, Frauke (Museum Sønderjylland)
- 10:00 LIMOGES ENAMELS FOUND IN ENGLAND**  
Lewis, Michael (British Museum; Portable Antiquities Scheme)
- 10:15 DISCUSSION SLOT**
- 11:00 'SMALL THINGS FORGOTTEN': COMMUNITY ARCHAEOLOGY IN A HIGH MEDIEVAL CEMETERY OF GALICIA (SPAIN)**  
Ayán, Xurxo (Independent Researcher) - Gago García-Brabo, Xosé (Independent researcher)
- 11:15 THE CHARACTERISATION OF MONASTIC ARTEFACTS AND POTENTIAL FOR APPLYING A SPATIAL APPROACH TO THEIR STUDY: RELIGIOUS HOUSES IN GREATER LONDON**  
March, Eleanor (University of York)
- 11:30 SMALL FINDS IN THE WASTE LAYERS OF THE MEDIEVAL MONASTERY IN RAUMA, FINLAND**  
Helamaa, Maija (Muuritutkimus ky)

**11:45 SMALL ITEMS FROM THE NOVODEVICHYIY (FEMALE) CONVENT: UPSCALE GOODS AND THEIR OWNERS IN THE EARLY MODERN PERIOD IN RUSSIA**

Grigorian, Svetlana (Institute of Archaeology Russian Academy of Sciences)

**12:00 DISCUSSION SLOT**

**12:15 INTERPRETING MEDIEVAL DRESS ACCESSORIES FROM CENTRAL EUROPE**

Sawicki, Jakub (AU - Institute of Archaeology of the Academy of Sciences of the Czech Republic)

**12:30 4000 PENDANTS STUDIED AND 4(000) LESSONS LEARNED**

Kurisoo, Tuuli (Centre for Baltic and Scandinavian Archaeology; University of Kiel)

**12:45 CONTEXTUALIZING LATE MEDIEVAL BELT FITTINGS**

Kars, Mirjam (VU Amsterdam; Portable Antiquities of the Netherlands - PAN)

**14:00 SOUTH-EASTWARD PENETRATION OF THE “WESTERN FASHION” IN THE LATE MIDDLE AGES: ANNULAR BROOCHES FOUND IN CROATIA AND NEIGHBOURING COUNTRIES**

Belaj, Juraj (The Institute of Archaeology, Zagreb)

**14:15 EVERYTHING COUNTS (FOR GILDED MOUNTS)**

Webley, Robert (University of York; The British Museum)

**14:30 GRAVE GOODS IN EARLY MEDIEVAL BURIALS FROM LESSER POLAND**

Kubica-Grygiel, Anna (Institute of Archaeology Jagiellonian University)

**14:45 LOOK AFTER THE PENNIES... PIGGYBANKS IN THE MIDDLE AGES**

Romanowicz, Paulina (Institute of Archaeology and Ethnology Polish Academy of Sciences)

**15:00 LONELY GAME PIECE. SINGULAR FINDINGS OF MEDIEVAL GAME PIECES AND GAMBLING UTENSILS AND THEIR STATUS IN ARCHAEOLOGICAL STUDIES**

Wielocha, Ewa (Institute of Archaeology, Nicolaus Copernicus University in Toruń)

**15:15 DISCUSSION SLOT**

**15:30 EXPLORING URBAN IDENTITIES THROUGH MEDIEVAL SMALL FINDS**

Kjellberg, Joakim (Department of Archaeology and Ancient History)

**15:45 LOCKS AND KEYS FROM THE MEDIEVAL RURAL SETTLEMENTS OF THE NORTH-EASTERN RUS': THE IDEA OF WELFARE**

Fedorina, Anastasia (IA RAS)

**16:30 NEGOTIATING SOCIAL IDENTITY IN A MEDIEVAL URBAN ENVIRONMENT**

Nordström, Annika (Dept of Archaeology and Ancient History, Uppsala Univ)

**16:45 KSAR SEGHIR, A NORTH AFRICAN TOWN DISCOVERED THROUGH SMALL FINDS**

Teixeira, Andre (FCSH/NOVA) - Torres, Joana (CHAM - Centre for the Humanities) - Bargão, André (CHAM - Centre for the Humanities)

**17:00 APPROACHING TO VERDÚ BLACK POTTERY: THE CASE OF SALISI'S KILN**

Coso Alvarez, Júlia - Peix Visiedo, Judith (Universitat de Barcelona; Cultura Material i Arqueometria UB - ARQUB, GRACPE) - Cardona Colell, Ramón (Secció d'Arqueologia del Centre d'Estudis Lacetans - CEL) - Salisi Clos, Josep M (Universitat Autònoma de Barcelona)

**17:15 DISCUSSION SLOT****101 UNDERSTANDING ACTIVITY PATTERNS OF ANIMALS: METHODS, APPLICATIONS, AND HUMAN-ANIMAL RELATIONSHIPS**

**ROOM:** UB304

**TIME:** 8:30 - 16:00

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Regular session

**ORGANISERS:** Salmi, Anna-Kaisa (University of Oulu) - Niinimäki, Sirpa (University of Oulu) - Henderson, Charlotte (University of Coimbra)

**ABSTRACTS****8:30 WORKING WITH REINDEER - HUMAN-REINDEER RELATIONSHIPS AND REINDEER ACTIVITY PATTERNS**

Salmi, Anna-Kaisa (University of Oulu)

**8:45 RECENT DEVELOPMENTS IN THE METHODS FOR PHYSICAL ACTIVITY ASSESSMENT OF REINDEER**

Niinimäki, Sirpa - Puolakka, Hanna - Salmi, Anna-Kaisa (University of Oulu)

**9:00 ENTHESEAL AND PATHOLOGICAL PECULIARITIES BETWEEN ECOTYPES OF RANGIFER TARANDUS**

Hull, Emily (University of Alberta)

**9:15 DEVELOPING A ZOOARCHAEOLOGICAL TOOL FOR UNDERSTANDING REINDEER MANAGEMENT STRATEGIES**

van den Berg, Mathilde - Çakırlar, Canan (University of Groningen)

**9:30 DETECTING PLASTIC RESPONSE TO MOBILITY CONTROL: TOWARDS NEW MARKERS OF ANIMAL DOMESTICATION IN ARCHAEOLOGY**

Cucchi, Thomas (CNRS/Natural History Museum of Paris)

**9:45 LOVE THE WAY YOU MOVE: TECHNICAL AND METHODOLOGICAL APPROXIMATIONS TO CATTLE MOBILITY AND USE DURING NEOLITHIC IN NE IBERIAN PENINSULA**

Gomez Bach, Anna (GRAMPO, UAB) - Ripoll Miralda, Joaquim - Saña Seguí, Maria - Yousef-Pouran, Kaveh (Laboratori d'Arqueozoologia, UAB) - Álvarez Arza, Ramón (Secció de Prehistòria i Arqueologia, UB) - Alcántara Fors, Roger (Laboratori d'Arqueozoologia, GRAMPO, UAB) - Molist Montaña, Miquel (GRAMPO, UAB) - Rauret Dalmau, Anna Maria (Secció de Prehistòria i Arqueologia, UB)

**10:00 CATTLE HUSBANDRY AND HUMAN/ANIMAL RELATIONS IN THE BRONZE AGE -  
EXAMPLES FROM SOUTHERN DENMARK**

Matthes, Lilian (Museum Sønderjylland, Haderslev)

**10:15 DISCUSSION SLOT**

**11:00 ENTHESEAL CHANGES: A METHOD TO DETECT ACTIVITIES IN ARCHAEOLOGICAL  
HORSE SKELETONS**

Binde, Marion - Cochard, David - Knüsel, Christopher John (UMR 5199 PACEA, Université de Bordeaux)

**11:15 SCALING WITH SIZE IN HORSES MAY HAVE IMPLICATIONS FOR RECONSTRUCTING  
ACTIVITY FROM ENTHESEAL CHANGES**

Niskanen, Markku (University of Oulu)

**11:30 ANIMAL ATTACHMENTS: NEW DIRECTIONS FOR INFERRING ACTIVITY BASED ON  
HUMAN ENTHESEAL CHANGES**

Henderson, Charlotte (CIAS - Research Centre for Anthropology and Health, Coimbra Portugal)

**11:45 HORSE - HUMANE RELATIONSHIP AMONG SLAVS OF THE EARLY MEDIEVAL POLAND  
READ FROM ZOOARCHAEOLOGY**

Makowiecki, Daniel (Laboratory for Natural Environment Reconstruction, Inst of Archaeology) - Chudziak, Wojciech (Institute of Archaeology, Nicolaus Copernicus University, Torun) - Krajcarz, Maciej (Institute of Geological Sciences, Polish Academy of Sciences, Warsaw) - Krajcarz, Magdalena (Institute of Archaeology, Nicolaus Copernicus University, Torun; Institute of Geological Sciences, Polish Academy of Sciences, Warsaw) - Wiejacka, Martyna - Wiejacki, Jan (Institute of Archaeology, Nicolaus Copernicus University, Torun) - Janeczek, Maciej (Department of Animal Physiology and Biostructure, Wrocław University of Environmental and Life Sciences) - Skrzatek, Mateusz (Institute of Archaeology, Nicolaus Copernicus University, Torun)

**12:00 ANIMAL TRADE IN LITHUANIA: SPREAD OF FOREIGN ANIMALS DURING THE 17<sup>TH</sup>-18<sup>TH</sup> C.**

Piliciauskiene, Giedre (Vilnius University, Bioarchaeology Research Centre) - Paškonytė, Jūratė (Šiauliai Aušra Museum)

**12:15 CAN WE TRACK LIVESTOCK MOBILITY USING HIGH-RESOLUTION ISOTOPIC ANALYSIS  
OF KERATIN? A CASE STUDY USING GPS TRACKING IN MONGOLIAN ALTAI**

Lizzerini, Nicolas - Zazzo, Antoine (CNRS UMR 7209, Muséum National d'Histoire Naturelle) - Simon, Laurent (Laboratoire d'Ecologie des Hydrosystèmes Naturels et Anthropisés - LEHNA, UMR 5023 CNRS, Université Claude Bernard Lyon 1) - Coulon, Aurélie (MNHN, CNRS, Sorbonne Université, Centre d'Ecologie et des Sciences de la Conservation, Paris; CEFE, CNRS, Univ Montpellier) - Marchina, Charlotte (ASIES - EA 4512, Institut National des Langues et Civilisations Orientales) - Lepetz, Sébastien (CNRS UMR 7209, Muséum National d'Histoire Naturelle)

**12:30 WOOLLY MAMMOTH AND MAN AT KRASNOYARSKAYA KURYA SITE (WEST SIBERIAN PLAIN, RUSSIA), THROUGH PALAEOBIOLOGICAL AND TAPHONOMIC ANALYSES**

Seuru, Samuel (Département d'Anthropologie, Université de Montréal) - Leshchinskiy, Sergey (Laboratory of Mesozoic and Cenozoic Continental Ecosystems, Tomsk State University; Institute of Archaeology and Ethnography, Siberian Branch of Russian Academy of Sciences) - Auguste, Patrick (Université de Lille – Sciences et Technologies, CNRS, UMR 8198 Evo-Eco-Paleo) - Fedyayev, Nikita (Laboratory of Mesozoic and Cenozoic Continental Ecosystems, Tomsk State University)

**12:45 DISCUSSION SLOT**

**14:00 OPPORTUNISTIC COMMENSALISM OR À LA CARTE? STABLE ISOTOPES OF DOGS, CHICKENS AND HAWKS IN DEPOSITS FROM ANCIENT TO MEDIEVAL UKRAINE**

Grandal-d'Anglade, Aurora - García-Vázquez, Ana (Instituto Universitario de Xeoloxía, Universidade da Coruña) - Gorobets, Leonid - Ivanoff, Dmitry V. (Department of Palaeontology, National Museum of Natural History, National Academy of Sciences of Ukraine)

**14:15 NEW TRICKS FOR OLD DOGS: INVESTIGATING DIET, IDENTITY, AND HUMAN-DOG RELATIONSHIPS OF THE COAST SALISH**

Sparrow, Anna (Memorial University of Newfoundland)

**14:30 AN ISOTOPIC INVESTIGATION INTO THE MOBILITY OF MIDDLE PLEISTOCENE HUNTERS AND THEIR PREY**

Bailey, Marian (Flinders University) - Kolska Horwitz, Liora (National Natural History Collections, the Hebrew University of Jerusalem) - Moffat, Ian (Flinders University) - Dosseto, Anthony (University of Wollongong) - Moncel, Marie-Hélène (Muséum National d'Histoire Naturelle, Paris)

**14:45 ANIMALS, HOUSEHOLDS, AND COMMUNITIES IN BRONZE AND IRON AGE CENTRAL EURASIA**

Schmaus, Tekla (Indiana University)

**15:00 LANDCRAFT. HOW PEOPLE AND ANIMALS CO-CREATED IRON AGE AND ROMAN-PERIOD LANDSCAPES IN BRITAIN**

Chadwick, Adrian (University of Bristol)

**15:15 DISCUSSION SLOT**



## 148 MODELING THE SPREAD OF AGRICULTURE: THE APPLICATION OF COMPUTATIONAL MODELING TECHNIQUES TO THE NEOLITHIC TRANSITION

ROOM: CCCB11A

TIME: 8:30 - 15:30

THEME: Theories and methods in archaeological sciences

FORMAT: Regular session

ORGANISERS: Bergin, Sean (School of Human Evolution and Social Change, Arizona State University) - Pardo-Gordó, Salvador (Departament de Prehistòria, Arqueologia i Història Antiga, Universitat de València)

### ABSTRACTS

#### 8:30 INTRODUCTION TO SESSION 148: MODELING THE SPREAD OF AGRICULTURE

Bergin, Sean (Arizona State University, School of Human Evolution and Social Change) - Pardo-Gordó, Salvador (GRAMPO Research Group, Department of Prehistory Autonomous University of Barcelona)

#### 8:45 EUROPE'S LOST FRONTIERS: SIMULATING EUROPE'S WETTEST NEEDLE IN ITS MOST INACCESSIBLE HAYSTACK

Murgatroyd, Philip (University of Bradford) - Ch'ng, Eugene (University of Nottingham, Ningbo) - Butler, Micheál (University of Bradford)

#### 9:00 THE SPREAD OF MAIZE CULTIVATION: QUANTITATIVE ANALYSES

Fort, Joaquim (Universitat de Girona; ICREA) - Kohler, Tim A. (Washington State University; Santa Fe Institute) - Blake, Michael (University of British Columbia)

#### 9:15 DISCUSSION SLOT

#### 9:30 MODELLING THE BEGINNING OF AGRICULTURAL STRATEGIES: AN ANALYSIS OF RISK MANAGEMENT AND WORKFORCE INVESTMENT

Alcaina-Mateos, Jonàs (CaSEs Research Group; Department of Humanities, Universitat Pompeu Fabra) - Zurro, Débora (CaSEs Research Group; Department of Humanities, Universitat Pompeu Fabra; Department of Archaeology and Anthropology, Institució Milà i Fontanals, Spanish National Research Council - IMF-CSIC) - Caro Saiz, Jorge (CaSEs Research Group; Department of Humanities, Universitat Pompeu Fabra; GSADI, Department of Sociology, Universitat Autònoma de Barcelona) - García-Granero, Juan José (School of Archaeology, University of Oxford) - Madella, Marco (CaSEs Research Group; Department of Humanities, Universitat Pompeu Fabra; Department of Archaeology and Anthropology, Institució Milà i Fontanals, Spanish National Research Council - IMF-CSIC; Catalan Institution for Research and Advanced Studies - ICREA)

#### 9:45 MODEL-BASED RECONSTRUCTION AND UNDERSTANDING OF THE EUROPEAN AGRICULTURAL EXPANSION

Wirtz, Kai - Lemmen, Carsten (HZG) - Gronenborn, Detlef (RGZM Mainz)

**10:00 EARLY WARNING SIGNALS REGARDING POPULATION TRENDS IN THE NEOLITHIC TRANSITION OF IBERIA**

García-Puchol, Oreto - Diez Castillo, Agustín - Bernabeu Aubán, Joan (Universitat de València) - Pardo Gordò, Salvador (Universitat de València; Universitat Autònoma de Barcelona)

**10:15 DISCUSSION SLOT**

**11:00 LOOKING FOR PREHISTORIC DEMOGRAPHY THROUGH THE LIVING AND THE DEAD: A CASE OF STUDY FROM THE IBERIAN LATE PREHISTORY**

Jimenez-Puerto, Joaquin R - Bernabeu Aubán, Joan - Escribá, M<sup>a</sup> Pilar - García-Puchol, Oreto - Diez-Castillo, Agustín (Departamento de Prehistoria, Arqueología e Historia Antigua de la UVEG)

**11:15 THE NEOLITHIC TRANSITION IN THE IBERIAN PENINSULA: REVIEWING AND OLD QUESTION FROM NEW LABORATORY AND COMPUTATIONAL APPROACHES**

Gonzalez Fortes, Gloria - Tassi, Francesca (University of Ferrara) - Paijmans, Johanna - Henneberger, Kirstin (University of Potsdam) - Barroso, Cecilio (Fundacion Instituto de Investigacion de Prehistoria y Evolucion Humana) - Grandal D'Anglade, Aurora (University of A Coruna) - Hofreiter, Michael (University of Potsdam) - Barbujani, Guido (University of Ferrara)

**11:30 BAYESIAN APPROACH IN THE NEOLITHIC STUDIES - REMARKS FROM POLISH LOWLAND**

Kozicka, Magdalena (Institute of Archaeology, Nicolaus Copernicus University in Torun)

**11:45 DISCUSSION SLOT**

**12:00 EXPLAINING VARIATION IN THE SCALE OF NEOLITHIC QUARRY AND MINE PRODUCTION**

Schauer, Peter - Shennan, Stephen - Parker-Pearson, Mike (UCL Institute of Archaeology) - Kerig, Tim (University of Leipzig) - Edinborough, Kevan - Bevan, Andrew (UCL Institute of Archaeology)

**12:15 THE DIFFUSION OF NEOLITHIC HARVESTING TOOLS INTO THE MEDITERRANEAN AREA, DEMIC DIFFUSION OR CULTURAL INNOVATION?**

Capuzzo, Giacomo (Quantitative Archaeology Lab - LAQU), Department of Prehistory, Autonomous University of Barcelona) - Mazzucco, Niccolò (UMR 7055 «Préhistoire et Technologie», CNRS/Université Paris Nanterre) - Ibañez, Juan José - Gibaja, Juan Francisco (Institució Milà i Fontanals, Spanish National Research Council - CSIC)

**12:30 A COMPUTATIONAL METHOD FOR MODELING TRANSHUMANCE PATTERNS AMONG NEOLITHIC FARMERS IN DALMATIA, CROATIA**

Triozi, Nicholas - McClure, Sarah (Penn State University) - Podrug, Emil (Sibenik City Museum) - Ebert, Claire (University of Pittsburgh) - Kennett, Douglas (Penn State University)

**12:45 DISCUSSION SLOT**

**14:00 MODELLING THE SPREAD OF LITHIC TECHNOLOGIES IN WESTERN ANATOLIA AND AEGEAN DURING THE NEOLITHIC - ARCHAEOLOGICAL BACKGROUND AND DATA PROCESSING METHODS**

Milić, Bogdana (Institute for Oriental and European Archaeology - OREA, Austrian Academy of Sciences) - Timpson, Adrian (Genetics, Environment and Evolution - GEE, University College London - UCL) - Horejs, Barbara (Institute for Oriental and European Archaeology - OREA, Austrian Academy of Sciences) - Thomas, Mark G. (Genetics, Environment and Evolution - GEE, University College London - UCL)

**14:15 IDENTIFYING THE INFLUENCE OF NEOLITHIC AGRO-PASTORAL LAND-USE ON HOLOCENE FIRE REGIMES THROUGH SIMULATED SEDIMENTARY CHARCOAL RECORDS**

Snitker, Grant (Arizona State University)

**14:30 VEGETATION TRANSFORMATION DURING THE EUROPEAN NEOLITHIC: THE EFFECTS OF AGRO-PASTORAL SUBSISTENCE ON PLANT COMMUNITIES IN EUROPE**

Bergin, Sean - Snitker, Grant (School of Human Evolution & Social Change, Arizona State University)

**14:45 'DIGITAL PROXIES' FOR VALIDATING MODELS OF PAST SOCIO-ECOLOGICAL SYSTEMS IN THE MEDITERRANEAN LANDSCAPE DYNAMICS PROJECT**

Barton, C Michael (Arizona State University) - Ullah, Isaac (San Diego State University) - Gauthier, Nicolas - Miller, Nari - Snitker, Grant (Arizona State University) - Esteban, Irene (University of the Witwatersrand) - Bernabeu Auban, Joan (Universitat de València) - Heimsath, Arjun (Arizona State University)

**15:00 DISCUSSION SLOT**

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**151 BOUNDARY BODIES: CRITICALLY THINKING THE BODY IN CONTEMPORARY (OSTEO)ARCHAEOLOGY**

**ROOM:** UB222

**TIME:** 12:00 - 16:00

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Regular session

**ORGANISERS:** Ion, Alexandra (McDonald Institute for Archaeological Research, University of Cambridge) - Nilsson Stutz, Liv (Linnaeus University)

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**ABSTRACTS**

**12:00 DO WE HAVE A BIO-POWER PROBLEM IN ARCHAEOLOGY**

Nilsson Stutz, Liv (Department of Anthropology, Emory University; Linnaeus University)

**12:15 NECROAGENCY**

Domanska, Ewa (Department of History, Adam Mickiewicz University in Poznan)

**12:30 EMERGING OPPORTUNITIES AND CHALLENGES IN FORENSIC BIOHISTORY**

Duncan, William (Sociology and Anthropology, ETSU) - Stojanowski, Christopher (School of Human Evolution and Social Change, ASU)

**12:45 DISCUSSION SLOT****14:00 DEATH, DNA AND PERSONHOOD: THE BIOETHICAL CONUNDRUM**

Sayer, Duncan (University of Central Lancashire)

**14:15 OSTEOBIOGRAPHY AS A RESEARCH TOOL: DEVELOPING CONCEPTS TO GO WITH THE TERM**

Robb, John (University of Cambridge) - Hosek, Lauren (Syracuse University)

**14:30 THE BODY AS ITS OWN MONUMENT: HUMAN REMAINS AND GRAVE SITES IN ART AND PROTEST**

Renshaw, Layla (Kingston University London)

**14:45 DISCUSSION SLOT****15:00 THE BODY AS TEXT. THE CORPSES OF SOLDIERS OF THE GREAT WAR IN THE ALPS.**

Nicolis, Franco (Archaeological Heritage Office - Autonomous Province of Trento - Italy)

**15:15 THE ITINERARY OF THE HUMAN BODY. AN APPROACH TO THE BODY'S MATERIAL HISTORY**

Gramsch, Alexander (RGK - Romano-Germanic Commission DAI) - Grosskopf, Birgit (Historische Anthropologie, Universität Göttingen)

**15:30 'BONES', 'BODIES' OR 'DEAD BODIES'? THE PLACE OF OSTEOARCHAEOLOGICAL NARRATIVES IN RELATION TO ARCHAEOLOGICAL UNDERSTANDING**

Ion, Alexandra (McDonald Institute for Archaeological Research, University of Cambridge)

**15:45 DISCUSSION SLOT****184 PERSPECTIVES ON THINGS, PEOPLE AND PLACES AD 1500-2018**

**ROOM:** UB308

**TIME:** 8:30 - 16:00

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Mytum, Harold (University of Liverpool) - Escribano-Ruiz, Sergio (University of the Basque Country)



- 8:30 CAN THE SUBALTERN SPEAK? THE INHABITANTS IN A "SMALL GREY TOWN" AND THEIR LEGACY**  
 Svensson, Eva (Department of Life and Environmental Sciences, Karlstad University) - Nilsson, Pia (National historical Museum, Archaeological division) - Hansson, Martin (Department of Archaeology and Ancient History, Lund University)
- 8:45 INTERDISCIPLINARY STUDIES OF MATERIAL CULTURE OF MODERN TIMES ON THE EXAMPLE OF THE CEMETERY AND THE CHURCH IN PŁONKOWO**  
 Grupa, Malgorzata (Nicolaus Copernicus University; Department of Archaeology) - Nowosad, Wiesław (Nicolaus Copernicus University; Department of History)
- 9:00 TRANSFORMATION OF THE SUBURBS BEHIND THE PRAGUE WALLS: A CASE STUDY OF KARLÍN DISTRICT**  
 Kucharík, Milan - Blazkova, Tereza (Labrys o.p.s.)
- 9:15 DISCUSSION SLOT**
- 9:30 THE PARADOX OF BEING DANISH. MIGRATION AND DANISH IDENTITIES AT THE TIME OF SHAKESPEARE: RESULTS FROM THE URBAN DIASPORA PROJECT**  
 Linaa, Jette (Moesgaard Museum)
- 9:45 CULTURAL ENCOUNTERS: NON-EUROPEAN OBJECTS IN LISBON (1500-1755)**  
 Casimiro, Tania (IHC/IAP NOVA University of Lisbon) - Henriques, José Pedro (IAP NOVA University of Lisbon)
- 10:00 INTERWEAVING AFFECTS: OBRAJES, GENDER AND ALIENATION IN COLONIAL CHILE (17TH-18TH CENTURIES)**  
 Marin-Aguilera, Beatriz (McDonald Institute for Archaeological Research, University of Cambridge)
- 10:15 DISCUSSION SLOT**
- 11:00 IRISH MATERIAL CULTURE DIASPORA: THE DISPERSAL OF IRISH ANTIQUITIES FOLLOWING THE 1798 REBELLION**  
 Bell, David (Queen's University Belfast)
- 11:15 BRINGING OUT THE DEAD: THE MASS GRAVES OF CONVENT OF S. FRANCISCO (COIMBRA, PORTUGAL)**  
 Corga, Mónica (Dryas Arqueologia) - Ferreira, Maria Teresa (Centro de Investigação em Antropologia e Saúde; Department of Life Sciences - University of Coimbra) - Almeida, Miguel (Dryas Arqueologia) - Wasterlain, Sofia (Centro de Investigação em Antropologia e Saúde; Department of Life Sciences - University of Coimbra)
- 11:30 ARCHAEOLOGICAL TRACES OF THE SEPARATION OF BELGIUM OF THE NETHERLANDS IN 1831: REMAINS OF A PAINFUL PAST**  
 Schreurs, Jos - Doesburg, Jan - Kort, Jan-Willem (Cultural Heritage Agency of the Netherlands)

**11:45 DISCUSSION SLOT****12:00 THE EFFECT OF COLONIAL MERCHANDISE IN THE BALTIC AREA DURING THE AGE OF ENLIGHTENMENT**

Alvik, Riikka (The Finnish Heritage Agency)

**12:15 VESSELS OF TRANSITION: EXPLORING CULTURAL CHANGE THROUGH THE STUDY OF EVERYDAY POTTERY IN ULSTER POST-1500AD**

Carver, Naomi (Queen's University Belfast)

**12:30 'THE BANE OF GOOD HOUSEWIFRY AND THE SOURCE OF IDLENESS' - IRISH IMPROVEMENT TEA-DRINKING FEARS VERSUS THE ARCHAEOLOGY OF PRACTICE**

Mytum, Harold (University of Liverpool)

**12:45 DISCUSSION SLOT****14:00 INFLUENCE OF WATER AND MICROORGANISMS ON THE PRESERVATION STATUS OF TEMPLES IN POLAND**

Grupa, Dawid (Nicolaus Copernicus University; Department of Archaeology)

**14:15 A CONTEMPORARY ARCHAEOLOGY OF A CONTEMPORARY ARCHAEOLOGY OF THE CREDIT CRUNCH?**

Dixon, James (Wood)

**14:30 GLOBAL RURALITIES DURING THE RECENT PAST. SOME ARCHAEOLOGICAL THOUGHTS**

Escribano-Ruiz, Sergio (University of the Basque Country - UPV/EHU; Grupo de Investigación en Patrimonio Construido, GPAC)

**14:45 DISCUSSION SLOT****15:00 MATERIAL CULTURE STUDIES IN ANTARCTICA. UNDERSTANDING CAPITALISM IN AN EMPTY LANDSCAPE**

Senatore, Maria (CONICET-INAPL Universidad de Buenos Aires; Universidad Nacional de la Patagonia Austral; Investigadora Visitante Universidad de Alicante INAPH)

**15:15 ELECTRIC VIRGINS: DOCUMENTING 20TH-CENTURY MARIAN SHRINES IN THE REPUBLIC OF IRELAND**

Campbell, Eve (Achill Archaeological Field School)

**15:30 TENEMENTS, CUL-DE-SACS AND COMMUNITY ACTION: RESIDENTS' RELATIONSHIPS WITH HOUSING OLD AND NEW IN VAUXHALL, LIVERPOOL, UK**

Dwyer, Emma (University of Leicester)

**15:45 DISCUSSION SLOT**

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## 200 ENTREPRENEURS AND MERCHANTS IN THE LATE BRONZE AGE - EARLY IRON AGE MEDITERRANEAN

ROOM: UB222

TIME: 8:30 - 12:00

THEME: Mediterranean seascapes

FORMAT: Regular session

ORGANISERS: Pullen, Daniel (Florida State University) - Nakassis, Dimitri (University of Colorado) - Rahmstorf, Lorenz (Universität Göttingen)

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### ABSTRACTS

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**8:30 MERCHANTS, MARKETS, AND EXCHANGE IN THE LATE BRONZE AGE - EARLY IRON AGE MEDITERRANEAN**

Pullen, Daniel (Florida State University) - Nakassis, Dimitri (University of Colorado) - Rahmstorf, Lorenz (Universität Göttingen)

**8:45 MERCHANTS IN THE ARCHAEOLOGICAL RECORD OF THE LATE BRONZE AND EARLY IRON AGE MEDITERRANEAN AND BEYOND**

Rahmstorf, Lorenz (Seminar für Ur- und Frühgeschichte, Universität Göttingen)

**9:00 MERCHANTS, CULTURAL BOUNDARIES, AND ORDERLY EXCHANGE IN THE LATE BRONZE AND EARLY IRON AGES**

Murray, Sarah (University of Toronto)

**9:15 MERCHANTS AND BALANCE WEIGHTS ON LATE BRONZE AGE CYPRUS**

Siennicka, Malgorzata (University of Göttingen, Institute of Archaeology)

**9:30 COMMUNITIES OF PRACTICE AND THE DEVELOPMENT OF BRONZE AGE WEIGHING**

Schon, Robert (University of Arizona)

**9:45 TRADING ACROSS THE DIVIDE: SURPLUS COMMODITY EXCHANGE AND THE ROLE OF MERCHANTS IN THE POSTPALATIAL ERA**

Pratt, Catherine (University of Western Ontario)

**10:00 MODELING THE MYCENAEAN TRADE IN CERAMICS: COMPARING ALBANIA, ITALY, AND THE LEVANT**

Galaty, Michael (University of Michigan)

**10:15 DISCUSSION SLOT**

**11:00 THE EVERYDAY MOVEMENT OF POTTERY IN THE LBA SARONIC GULF: A WINDOW ON LONG TERM PATTERNS OF PRODUCTION AND EXCHANGE?**

Day, Peter (Department of Archaeology, University of Sheffield) - Gilstrap, William (Center for Materials Research in Archaeology and Ethnology - CMRAE, Massachusetts Institute of Technology - MIT)

**11:15 FROM MERCHANTS (?) TO MIGRANTS - AEGINETAN POTTERS IN THE EUBOEAN GULF**  
Lis, Bartłomiej (British School at Athens)

**11:30 DISCUSSION SLOT**

## **207 THEORETICAL APPROACHES TO TECHNO-BEHAVIOURS DURING THE MIDDLE STONE AGE (AFRICA)/MIDDLE PALAEOLITHIC (EUROPE)**

**ROOM:** UB202

**TIME:** 14:00 - 18:30

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Session with keynote presentation and discussion

**ORGANISERS:** Högberg, Anders (Linnaeus University; University of Johannesburg) - Lombard, Marlize (University of Johannesburg) - Hovers, Erella (Institute of Archaeology, The Hebrew University of Jerusalem)



### **ABSTRACTS**

#### **14:00 INTRODUCTION TO THE SESSION**

Lombard, Marlize (University of Johannesburg) - Högberg, Anders (Linnaeus University; University of Johannesburg)

#### **14:15 GETTING A HANDLE ON TECHNOLOGICAL CHANGE**

Barham, Lawrence (University of Liverpool)

#### **14:45 PLAY OBJECTS AND OBJECT PLAY: THEORETICAL AND METHODOLOGICAL ASPECTS OF STUDYING THEIR SIGNIFICANCE IN HUMAN CULTURAL EVOLUTION**

Johannsen, Niels - Riede, Felix (Department of Archaeology and Heritage Studies, Aarhus University; Interacting Minds Centre, Aarhus University) - Högberg, Anders (Department of Cultural Sciences, Linnaeus University, Faculty of Arts and Humanities; Stellenbosch Institute for Advanced Study - STIAS, Wallenberg Research Centre at Stellenbosch University) - Nowell, April (Department of Anthropology, University of Victoria) - Lombard, Marlize (Centre for Anthropological Research and Department of Anthropology and Development Studies, University of Johannesburg; Stellenbosch Institute for Advanced Study - STIAS, Wallenberg Research Centre at Stellenbosch University)

#### **15:00 EXPLORE THE UNIVERSE! TOWARDS PROCESS-ORIENTED APPROACHES TO STUDY TOOL-USE**

Noel Haidle, Miriam (Institut für Ur- und Frühgeschichte des Mittelalter)

#### **15:15 NEUROMARKETING AND MIDDLE STONE AGE: ATTENTION AND EMOTION IN HANDLING TOOLS**

Fedato, Annapaola (Centro Nacional de Investigación sobre la Evolución Humana, Burgos) - Silva-Gago, María (Universidad de Burgos, Burgos) - Alonso-Alcalde, Rodrigo (Museo de la



Evolución Humana, Burgos) - Terradillos-Bernal, Marcos (Universidad Internacional Isabel I de Castilla, Burgos) - Fernández-Durantes, María Ángeles - Martín-Guerra, Elena (Sociograph Marketing Science Consulting, Valladolid) - Bruner, Emiliano (Centro Nacional de Investigación sobre la Evolución Humana, Burgos)

**15:30 CAN TECHNOLOGICAL APPROACHES OF MIDDLE STONE AGE POINTED INDUSTRIES ENHANCE THEORETICAL FRAMES?**

Douze, Katja (Université de Genève)

**15:45 KNOWLEDGE TRANSFER SYSTEMS REFLECTED IN KNAPPING: THE STILL BAY TECHNOCOMPLEX AS A CASE IN POINT**

Högberg, Anders (Linnaeus University; University of Johannesburg) - Lombard, Marlize (University of Johannesburg)

**16:30 BIFACIAL PIECES IN WEST AFRICA: THE NEW DATA BETWEEN THEORY AND REALITY**

Lorenzo Martínez, María (Laboratoire d'Archéologie et Peuplement de l'Afrique, Département Génétique et Évolution, University of Geneva) - Davidoux, Sarah (Laboratoire de géographie physique, CNRS, UMR8591, University Paris-Est Créteil Val-de-Marne; University Paris I - Panthéon-Sorbonne) - Garnier, Aline (Laboratoire de géographie physique, CNRS, UMR8591, University Paris-Est Créteil Val-de-Marne) - Lebrun, Brice (IRAMAT-CRP2A, University Bordeaux Montaigne) - Lespez, Laurent (UMR 6554 CNRS LETG; Laboratoire de géographie physique, CNRS, UMR8591, University Paris-Est Créteil Val-de-Marne) - Rasse, Michel (Environnements et sociétés de l'Orient ancien - ARCHEORIENT, CNRS, UMR5133, University Lumi?re - Lyon II) - Douze, Katja - Huysecom, Eric (Laboratoire d'Archéologie et Peuplement de l'Afrique, Département Génétique et Évolution, University of Geneva)

**16:45 LONG GONE WILDS OR NOVEL POSSIBILITIES?**

Basell, Laura (Queen's University Belfast; Prehistoric Society)

**17:00 BRIDGING STATISTICAL AND ARCHAEOLOGICAL SIGNIFICANCE IN MIDDLE PALAEOLITHIC ARTEFACT DESIGN STUDIES**

Hoggard, Christian (Department of Archaeology and Heritage Studies, Aarhus University) - Stade, Cory (Centre for the Archaeology of Human Origins, University of Southampton)

**17:15 HOMO NALEDI IN THE MIDDLE PLEISTOCENE: AN ARCHAEOLOGICAL PERSPECTIVE**

Dusseldorp, Gerrit (Leiden University; University of Johannesburg) - Lombard, Marlize (University of Johannesburg)

**17:30 GEARING THE CHAÎNE OPÉRATOIRE APPROACH TOWARD RECONSTRUCTING THE NATURE OF THE INTERACTIONS BETWEEN FOSSIL HOMININS**

Soressi, Marie (Leiden University)

**17:45 DISCUSSION SLOT**

**18:00 DISCUSSION SLOT**

Discussant - Erella Hovers (Institute of Archaeology, The Hebrew University of Jerusalem)

## 211 ROCK & RITUAL: CAVES, SHELTERS AND STONES IN THE ANCIENT MEDITERRANEAN

**ROOM:** UB403

**TIME:** 11:00 - 17:30

**THEME:** Mediterranean seascapes

**FORMAT:** Regular session

**ORGANISERS:** Machause López, Sonia (Universitat de València) - Grau Mira, Ignasi (Universitat d'Alacant) - Roure, Réjane (Université Paul Valéry - Montpellier III; UMR 5140 «Archéologie des sociétés méditerranéennes») - Rueda Galán, Carmen (Universidad de Jaén)

### ABSTRACTS

#### 11:00 RITUAL CAVES OF THE ANCIENT MAYA

Moyes, Holley (University of California, Merced)

#### 11:15 SIKKANUM, BAITYLOI AND MAŞŞEBAH. ANICONIC STANDING STONES OF THE LEVANT

Scheyhing, Nicola (none)

#### 11:30 THE RIPARO SAN TOMMASO AND THE RITUAL LANDSCAPES OF CENTRAL SICILY BETWEEN THE 2ND AND THE 1ST MILLENNIUM BC

Giannitrapani, Enrico (Arkeos - Servizi integrati per i Beni Culturali s.c.)

#### 11:45 RITUAL AND SOCIAL IDENTITY AT THE BINIEDRÍS CAVE (ALAIOR, BALEARIC ISLANDS, SPAIN)

Moreno-Onorato, Auxilio - Alarcón-García, Eva (Department of Prehistory and Archaeology. University of Granada) - Diaz-Zorita Bonilla, Marta (Institut für Ur-und Frühgeschichte und Archäologie des Mittelalters, Eberhardt Karls Universität, Schloß Hohentübingen) - Arboledas-Martínez, Luis (Department of Prehistory and Archaeology. University of Granada)

#### 12:00 CAVE ART OF TRANSBAIKALIA (SIBERIA, BRONZE AGE)

Ponomareva, Irina (Griffith University)

#### 12:15 CAVES IN BRONZE AGE CENTRAL ITALY: DIVERGING OR CONVERGING RITUALS?

Silvestri, Letizia (Durham University, Department of Archaeology) - Achino, Katia Francesca (Quantitative Archaeology Lab, Department of Prehistory, Autonomous University of Barcelona; Institute of Archaeology ZRC SAZU) - Angle, Micaela (Soprintendenza Archeologia del Lazio e dell'Etruria meridionale) - Mancini, Daniela (Ministero dell'Istruzione, dell'Università e della Ricerca) - Gatta, Maurizio (University of York, Department of Archaeology) - Rolfo, Mario Federico (Dipartimento di Storia, Patrimonio culturale, Formazione e Società, Università di Roma "Tor Vergata") - Skeates, Robin (Durham University, Department of Archaeology)

#### 12:30 DISCUSSION SLOT

#### 14:00 SANCTUARIES OF « ROCK-SPRING »? RITUAL PRACTICES AROUND FAJOUSE'S SITE AND IN THE GREEK WORLD

Dunyach, Ingrid (Université de Perpignan; Association archéologique du GPVA)

**14:15 A CULT CAVE FOR DIONYSUS AND THE NYMPHS**

Denk, Olivia (University of Basel)

**14:30 THE GEOARCHAEOLOGICAL EVIDENCE OF A SANCTUARY DESACRALIZATION DURING ROMAN TIMES. HIGH-RESOLUTION MICROSTRATIGRAPHICAL ANALYSIS OF COVA DELS JURATS SEDIMENTS (CALESCOVES, MENORCA)**

Gutiérrez-Rodríguez, Mario - Orfila Pons, Margarita (Universidad de Granada) - Goldberg, Paul (Boston University; Eberhard Karls Universität Tübingen; University of Wollongong)

**14:45 DISCUSSION SLOT****15:00 MODES OF RELIGIOSITY IN THE IBERIAN IRON AGE CAVES: RELIGIOUS BEHAVIOUR AND SENSITIVE EXPERIENCE**

Machause López, Sonia (Universitat de València) - Amorós López, Iván (Servei d'Investigació Prehistòrica) - Rueda Galán, Carmen (Universidad de Jaén) - Grau Mira, Ignasi (Universitat d'Alacant)

**15:15 RITUAL CAVES IN NETWORKS OF SOCIAL PRACTICES. LANDSCAPE, MEMORY AND PERFORMANCE IN THE SOUTHEASTERN IBERIAN PENINSULA**

González Reyero, Susana (Spanish National Research Council)

**15:30 ASTRONOMY AND RITUAL IN IBERIAN IRON AGE CAVE-SANCTUARIES**

Esteban, César (IAC)

**15:45 RITUALS IN THE DARK: EXPLORING CAVE RITUALITY IN CELTIC-ROMAN SPAIN**

Alfayé, Silvia (Universidad de Zaragoza)

**16:30 IS THIS RITUAL? ROCK ART AND EPIGRAPHY IN THE CAVE OF „LA ZAIDA“, USED (ZARAGOZA, SPAIN)**

Alfayé, Silvia - Bea, Manuel - Jordán, Carlos - Marco, Francisco - Utrilla, Pilar (Universidad de Zaragoza)

**16:45 DISCUSSION SLOT****POSTERS****a. RITUALS THROUGH THE LANDSCAPE: CAVES IN THE IBERIAN TERRITORY OF KELIN (5TH-3RD CENTURIES BC)**

Machause López, Sonia - Quixal Santos, David (Universitat de València)

**b. THE SALA DEL LLAC AND SALA DE LA MAMELLA. RITUAL SPACES IN THE FONT MAJOR CAVE (ESPLUGA DE FRANCOLÍ, TARRAGONA)**

Serret, Ivan (Universitat Rovira i Virgili) - Pérez, Maria (Grup de Recerca Seminari de Protohistòria i Arqueologia - GRESEPIA) - Diloli Fons, Jordi - Ferré Anguix, Ramon - Bea Castaño, David (Universitat Rovira i Virgili) - Sardà Seuma, Samuel (Universitat Pompeu Fabra)

## 247 GATEWAY OR ENDPOINT: SCANDINAVIAN CONTACTS FROM THE THIRD TO FIRST MILLENNIUM BC

**ROOM:** UB410

**TIME:** 8:30 - 12:00

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Reiter, Samantha (The National Museum of Denmark) - Wrobel Nørgaard, Heide (Aarhus University) - Suchowska-Ducke, Paulina (Adan Mickiewicz University Poznan)

### ABSTRACTS

- 8:30 THE AU-DELÀ BEYOND THIS TERMINUS: SHAMANISM, STRANGER-KINGS AND PERFORMING, OBTAINING AND CONTROLLING THE FOREIGN IN THE NORDIC BRONZE AGE**  
Reiter, Samantha - Frei, Karin Margarita (National Museum of Denmark)
- 8:45 SHIFTING NETWORKS IN THE EARLY DANISH BRONZE AGE: COMPARING LEAD ISOTOPE DATA OF METAL ARTEFACTS WITH THE ARCHAEOLOGICAL EVIDENCE**  
Noergaard, Heide - Vandkilde, Helle (Aarhus University, Dep. Culture and Society) - Pernicka, Ernst (Curt-Engelhorn-Zentrum für Archäometrie, Mannheim)
- 9:00 THE TRANSMISSION AND TRANSFORMATION OF THE SPIRAL ORNAMENTATION**  
Simonsen, Disa (Østfyns Museer)
- 9:15 DISCUSSION SLOT**
- 9:30 BRONZE AGE FIRST MOVERS AND THEIR INVISIBLE CONTEMPORARIES**  
Beck, Malene (Østfyns Museer)
- 9:45 SCANDINAVIA'S ROLE IN THE COPPER NETWORKS OF EUROPE IN THE 2ND MILLENNIUM BC: A TRANSDISCIPLINARY APPROACH**  
Melheim, Lene (Museum of Cultural History University of Oslo) - Ling, Johan (Dept. of Historical Studies, University of Gothenburg) - Grandin, Lena - Hjärthner-Holdar, Eva (The Archaeologists, Natural Historical Museums) - Stos-Gale, Zofia (Dept. of Historical Studies, University of Gothenburg)
- 10:00 ARCHAOMETALLURGICAL DATA ON LONG DISTANCE NETWORKS BETWEEN CRAFTSPEOPLE OF THE NORDIC BRONZE AGE AND CARPATHIAN BASIN: BELT PLATE FROM DUNAFÖLDVÁR**  
Gyöngyösi, Szilvia (University of Debrecen) - Barkóczy, Péter (FUX Co.; University of Miskolc) - Szabó, Géza (Wosinsky Mór Múzeum) - Wrobel Nørgaard, Heide (Aarhus University, Institute for Culture and Society)
- 10:15 DISCUSSION SLOT**

**11:00 WARRIORS OF EUROPE. AN OVERVIEW FROM SARDINIAN TO SCANDINAVIAN BRONZE AGE IMAGES OF A WARRIOR ÉLITE**

Matta, Valentina (Aarhus University)

**11:15 SCANDINAVIA AS BENEFICIARY OF EUROPE'S LATE BRONZE AGE "GLOBALIZATION"**

Suchowska-Ducke, Paulina (Adam Mickiewicz University in Poznan, Institute of Archaeology)

**11:30 DISCUSSION SLOT****258 TRANSFORMING PEATLANDS. CHANGE AND CONTINUITY REFLECTED THROUGH PREHISTORIC AND HISTORIC SITES IN FENS AND BOGS**

ROOM: UB208

TIME: 14:00 - 17:30

THEME: The archaeology of material culture, bodies and landscapes

FORMAT: Regular session

ORGANISERS: Groß, Daniel (Centre for Baltic and Scandinavian Archaeology - ZBSA) - van Beek, Roy (Wageningen University &amp; Research) - Gearey, Benjamin (Department of Archaeology, University College Cork)

**ABSTRACTS****14:00 RECONSTRUCTING THE WORLD OF YDE GIRL: THE MOST ICONIC DUTCH BOG BODY IN CONTEXT**

Beek, Roy - Quik, Cindy - Candel, Jasper (Wageningen University &amp; Research)

**14:15 TRANSFORMING WETLANDS: FLOODPLAIN-MIRE INTERACTIONS AND HUMAN IMPACTS WITHIN A CONNECTED WETLAND LANDSCAPE**

Whitehouse, Nicki (School of Geography, Earth and Environment) - Mansell, Lauren (Palaeoecology, School of Natural and Built Environment, Queen's University Belfast) - Gearey, Ben (Dept of Archaeology, University College Cork) - Roe, Helen (Geography, School of Natural and Built Environment, Queen's University Belfast) - Chapman, Henry (Classics, Ancient History and Archaeology, University of Birmingham)

**14:30 REDISCOVERING THE 'WILDSCAPE:' RECONSTRUCTING HIDDEN LANDSCAPES THROUGH A CASE STUDY IN THE HUMBERHEAD LEVELS**

Shilobod, Nika - Whitehouse, Nicki (Plymouth University) - Gearey, Ben (University College Cork) - Chapman, Henry (University of Birmingham) - Davies, Kimberley (Plymouth University)

**14:45 TO BE, OR NOT TO BE... FLOODED: IN-SITU SOLUTIONS FOR PRESERVATION OF IRON AGE HUMAN BONES IN A DRAINED WETLAND**

Kristiansen, Søren (Aarhus University, Department of Geoscience) - Tjellén, Anna K.E. (Moesgaard Museum)

**15:00 WETLAND PROTECTION WITHIN A NEW ARCHAEOLOGICAL AND ECOLOGICAL CONTEXT: PRESERVATION OF AN UNIQUE IRON AGE HUMAN SKELETAL MATERIAL**

Hertz, Ejvind (Museum Skanderborg)

**15:15 DIVIDING DUVENSEE. INSIGHTS INTO MESOLITHIC LANDSCAPES AND LIFEWAYS IN NORTHERN GERMANY**

Groß, Daniel (Centre For Baltic And Scandinavian Archaeology - ZBSA) - Corradini, Erica (Institute of Geosciences, Christian-Albrechts-University Kiel) - Lübke, Harald - Schmölcke, Ulrich - Meadows, John (Centre For Baltic And Scandinavian Archaeology - ZBSA) - Wilken, Dennis - Rabbel, Wolfgang (Institute of Geosciences, Christian-Albrechts-University Kiel)

**15:30 THE CASE OF TWO CALCAREOUS SPRING FENS AT THE CARPATHIAN-PANNONIAN INTERFACE IN THE NORTH WEST OF SLOVAKIA**

Gašpar, Adam (Department of Archaeology and Museology, Faculty of Arts, Masaryk University; ERASMUS MUNDUS - HERCULES Laboratory - University of Evora) - Jamrichová, Eva (Department of Botany and Zoology, Faculty of Science, Masaryk University; Laboratory of paleoecology, Institute of Botany, The Czech Academy of Sciences) - Gálová, Andrea - Horsák, Michal - Frodlová, Jitka - Hájek, Michal (Department of Botany and Zoology, Faculty of Science, Masaryk University) - Hajnalová, Mária (Department of Archaeology, Faculty of Arts, Constantine the Philosopher University in Nitra) - Hájková, Petra (Department of Botany and Zoology, Faculty of Science, Masaryk University; Laboratory of paleoecology, Institute of Botany, The Czech Academy of Sciences)

**15:45 DISCUSSION SLOT****16:30 WETLAND SITE ZAMOSTJE 2 (UPPER VOLGA LOWLAND): LANDSCAPE HISTORY IN THE MIDDLE AND LATE HOLOCENE**

Lozovskaya, Olga (Institute for the History of Material Culture, Russian Academy of Science, Laboratory for Experimental Traceology; Sergiev Posad State History and Art Museum Preserve)

**16:45 CHANGE AND CONTINUITY REFLECTED THROUGH MESOLITHIC SITES OF THE GORBUNOVO PEAT BOG IN THE TRANS-URALS**

Zhilin, Mikhail (Institute of Archaeology Russian Academy of Sciences) - Savchenko, Svetlana (Sverdlovsk Regional Museum)

**17:00 DISCUSSION SLOT**

## 259 BEYOND THE FARMLANDS: WILD RESOURCES IN THE PAST OF CENTRAL AND NORTHERN EUROPE

ROOM: UB412

TIME: 16:30 - 18:30

THEME: The archaeology of material culture, bodies and landscapes

FORMAT: Regular session

ORGANISERS: Slusarska, Katarzyna (Institute of Archaeology and Ethnology University of Gdańsk) - Mooney, Dawn Elise (Universitetet i Stavanger Arkeologisk museum) - Przymorska-Sztuczka, Magdalena (Institute of Archaeology Nicolaus Copernicus University in Torun) - Kofel, Dominika (The Institute of Archaeology and Ethnology Polish Academy of Sciences)

Session related to the EAA Community on the Archaeology of Wild Plants.

### ABSTRACTS

#### 16:30 BETWEEN THE CURRENTS. MAINTAINING MESOLITHIC WAYS OF LIFE IN NEOLITHIC WESTERN NORWAY

Darmark, Kim - Solli, Fredrik - Tøssebro, Christine - Åstveit, Leif Inge (University Museum of Bergen)

#### 16:45 WHALING IN NEOLITHIC NORWAY: THE DE-NEOLITHISATION HYPOTHESIS REVISITED

Nielsen, Svein (Museum of Cultural History, University of Oslo)

#### 17:00 FISH AND CHAPS: SOME ETHNOARCHAEOLOGICAL THOUGHTS ON FISH LEATHER USE IN EUROPEAN PREHISTORY

Vávra, Roman (Department of Archaeology, Comenius University in Bratislava; Slovak Archaeological and Historical Institute - SAHI o.z.)

#### 17:15 WILD RESOURCES IN THE SOUTH BALTIC LATE BRONZE AND EARLY IRON AGE - NOT IMPORTANT, NOT PRESERVED OR NOT ANALYZED?

Slusarska, Katarzyna (Institute of Archaeology and Ethnology University of Gdańsk)

#### 17:30 IN WOODLAND WE TRUST. CHARCOAL ANALYSES FROM THE EARLY BRONZE AGE SITES IN POLAND

Kofel, Dominika (Institute of Archaeology and Ethnology PAS)

#### 17:45 NETTLE AS A TEXTILE FIBRE PLANT IN FINLAND

Suomela, Jenni (University of Helsinki)

#### 18:00 TREE BAST STRING FROM LUSATIAN CULTURE SETTLEMENT IN GRODNO, POLAND

Przymorska-Sztuczka, Magdalena (Institute of Archaeology Nicolaus Copernicus University in Toruń)

#### 18:15 DISCUSSION SLOT

- a. WILD ANIMAL RESOURCES IN GUMELNITA COMMUNITIES (4500-3900 CAL.BC) IN ROMANIA**  
Balasescu, Adrian ("Vasile Pârvan" Institute of Archaeology, Romanian Academy, Bucharest) - Lazar-Radus, Catalin Alexandru (Department of Ancient History, Archaeology and Art History, Faculty of History, University of Bucharest; "Vasile Pârvan" Institute of Archaeology, Romanian Academy, Bucharest)
- b. WILD RESOURCES AT THE SITES OF CATTLE-BREEDERS OF THE LOW VOLGA REGION**  
Vybornov, Alexander (Samara State University of Social Sciences and Education)

## 265 LEAVING NO STONE UNTURNED: WHAT ARCHAEOLOGY MEANS TO UNSUSTAINABLE URBAN GROWTH

**ROOM:** UB205

**TIME:** 8:30 - 16:00

**THEME:** Archaeology and the future of cities and urban landscapes

**FORMAT:** Other - combination of regular session and round table

**ORGANISERS:** Vis, Benjamin (University of Kent) - Isendahl, Christian (University of Gothenburg) - Graham, Elizabeth (University College London)

## ABSTRACTS

- 8:30 SUSTAINABILITY VIEWED THROUGH TROPICAL URBAN ARCHAEOLOGY**  
Vis, Benjamin (University of Kent) - Isendahl, Christian (University of Gothenburg) - Graham, Elizabeth (University College London)
- 8:45 URBAN PLANNING IN PRECLASSIC MAYA CITIES**  
Reese-Taylor, Kathryn (University of Calgary) - Anaya Hernández, Armando (Universidad Autonoma de Campeche) - Dunning, Nicholas P. (University of Cincinnati) - Walker, Debra S. (University of Florida) - Peuramaki-Brown, Meaghan (Athabasca University)
- 9:00 PRECOLUMBIAN ANDEAN CITIES AS URBAN ECOLOGIES: THE CASE OF TIWANAKU**  
Janusek, John (Vanderbilt University)
- 9:15 IRRATIONAL URBANISM: GARDEN VARIETY ALTERNATIVES TO SUSTAINABILITY IN AMAZONIA**  
Isendahl, Christian (University of Gothenburg) - Heckenberger, Michael (University of Florida at Gainesville)
- 9:30 RECONSIDERING IRON AGE URBANISM: TOWARDS AN AGRO-URBAN MODEL?**  
Moore, Tom (Durham University, Department of Archaeology) - Fernandez-Gotz, Manuel (University of Edinburgh)



**9:45 MULTI-CENTRED TOWNS OF SUB-SAHARAN AFRICA**

Baumanova, Monika (University of West Bohemia; Uppsala University)

**10:00 DISCUSSION SLOT****11:00 RESOURCE LANDSCAPES AND CHANGING PRIORITIES: EARLY TOWNS ON ZANZIBAR**

Wynne-Jones, Stephanie (University of York) - Sulas, Federica (Aarhus University) - Fitton, Tom (University of York)

**11:15 RISK AND RESILIENCE IN LONG TERM PROCESSES OF URBANISATION IN SOUTHERN AFRICA - IMPLICATIONS FOR THE FUTURE**

Sinclair, Paul (Uppsala University)

**11:30 WAS GREAT ZIMBABWE'S MONUMENTAL PROJECT SUSTAINABLE?**

Pikirayi, Innocent (University of Pretoria)

**11:45 RE-IMAGINING AN ANCIENT PORT CITY – SIGNATURES OF TRANSOCEANIC TRADE, TECHNOLOGY AND URBANISATION (300 BCE - 500 CE)**

PJ, Cherian (PAMA Institute for the Advancement of Trans-disciplinary Archaeological Science)

**12:00 SUSTAINABILITY, RESILIENCE AND SYSTEMIC OBSOLESCENCE: TROPICAL LOW-DENSITY URBAN COLLAPSE IN SRI LANKA**

Strickland, Keir M. (La Trobe University)

**12:15 URBAN NETWORKS: ROBUSTNESS AND VULNERABILITY**

Fletcher, Roland (University of Sydney)

**12:30 THE MEGA-URBAN REGION AND THE ANTHROPOCENE: A LONG TERM VIEW OF URBAN ECOSYSTEMS AND URBAN SUSTAINABILITY IN ASIA**

Hawken, Scott (University of New South Wales)

**12:45 DISCUSSION SLOT****14:00 DISCUSSION SLOT**


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## **279 PIRENNE VS. GLASS: THE CONTRIBUTION OF ARCHAEOLOGICAL AND ARCHAEOMETRIC GLASS ANALYSIS TO THE STUDY OF EARLY MEDIEVAL LONG-DISTANCE TRADE NETWORKS**

**ROOM:** UB411

**TIME:** 8:30 - 12:30

**THEME:** Mediterranean seascapes

**FORMAT:** Regular session

**ORGANISERS:** Herold, Hajnalka (University of Exeter) - Sindbæk, Søren (University of Aarhus)



## ABSTRACTS

### 8:30 INTRODUCTION

Herold, Hajnalka (University of Exeter)

### 8:45 MOHAMMED, CHARLEMAGNE AND THE SIGNIFICANCE OF GLASS IN THE MAKING OF MEDIEVAL EUROPE

Hodges, Richard (The American University of Rome)

### 9:00 DISCUSSION SLOT

### 9:15 GLASS BEAD AND NORTH SEA EMPORIA. COMPOSITION, PRODUCTION AND PROCUREMENT OF GLASS AT AN EIGHTH CENTURY WORKSHOP IN RIBE, DENMARK

Sindbæk, Søren (University of Aarhus) - Barfod, Gry (AGiR lab, Aarhus University)

### 9:30 TRACING EARLY MEDIEVAL LONG-DISTANCE TRADE: 'ORIENTAL' GLASS BEADS IN EUROPE, C. AD 800-1000

Herold, Hajnalka (University of Exeter)

### 9:45 EARLY MEDIEVAL GLASS WORKSHOPS AND TRADE AT THE HARBOUR OF COLOGNE

Dotd, Michael (Römisch-Germanisches Museum Köln) - Kronz, Andreas (Geowissenschaftliches Zentrum Universität Göttingen)

### 10:00 DISCUSSION SLOT

### 11:00 EARLY MEDIEVAL TESSERAЕ IN NORTHWESTERN EUROPE. LONG DISTANCE TRADE OR LOCAL SUPPLY?

Van Wersch, Line (University of Liège; University of Leiden; UCLouvain)

### 11:15 DISTANCE VS. TIME: SOME CONSIDERATIONS ON CHEMICAL ANALYSIS, RECYCLING, AND THE LONG-DISTANCE MOVEMENT OF GLASS

Duckworth, Chloe (Newcastle University)

### 11:30 USE OF NATRON-TYPE GLASS FROM THE LEVANT IN EARLY MEDIEVAL FRANCE

Pactat, Inès (MSHE C. N. Ledoux - USR 3124, University of Burgundy - Franche-Comté)

### 11:45 GLAS AS EXPRESSIONS FOR URBAN FLOWS. THE CASE OF GERASA/JERASH FROM THE ROMAN TO THE EARLY ISLAMIC PERIOD

Raja, Rubina (Aarhus University; Centre for Urban Network Evolutions) - Lichtenberger, Achim (Westfälische Wilhelms-Universität Münster)

### 12:00 DISCUSSION SLOT

## POSTERS

#### a. GLASS IMITATIONS OF STONE IN THE ROMAN PERIOD: SOME INSTANCES FROM BARCINO




Revilla i Cubero, Emili (Museu d'Història de Barcelona - MUHBA) - Cisneros Cunchillos, Miguel (Universidad de Cantabria)

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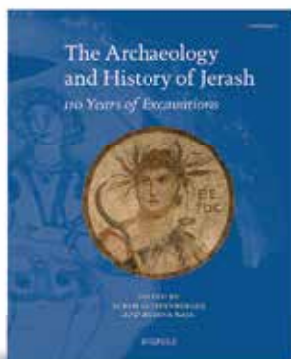
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un objet en question**  
Anthropologie, archéologie et histoire

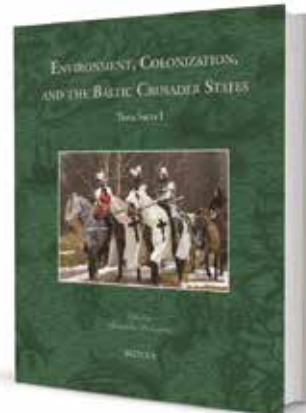
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## 284 YOU SEE A MAN'S HOME, YOU SEE THE MAN... HOUSES AND THEIR DECORATION IN THE EASTERN MEDITERRANEAN

**ROOM:** UB411

**TIME:** 14:00 - 17:30

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Rekowska, Monika (University of Warsaw, Institute of Archaeology) - Pensabene, Patrizio (University la Sapienza, Rome) - Gasparini, Eleonora (University la Sapienza, Rome) - Brzozowska-Jawornicka, Aleksandra (University of Science and Technology, Wrocław)

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### ABSTRACTS

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**14:00 ALEXANDRIA, CYRENAICA, CYPRUS: PTOLEMAIC HERITAGE IN THE RESIDENTIAL ARCHITECTURE OF THE IMPERIAL ERA**

Pensabene, Patrizio (Emeritus Sapienza University)

**14:15 GLOCALIZATION AND THE MARBLE TRADE**

Grawehr, Matthias (University of Basel)

**14:30 THE GREEK SUBSTRATE IN THE HOUSES OF THE ROMAN COLONIES OF ANCIENT MAGNA GRAECIA. CULTURAL EXCHANGE FROM A WESTERN PERSPECTIVE**

Cortés, Ada (Sapienza university of Rome)

**14:45 DISCUSSION SLOT**

**15:00 HOW ROMAN ARE ROMAN HOUSES IN PTOLEMAIS (CYRENAICA)?**

Rekowska, Monika (University of Warsaw, Institute of Archaeology)

**15:15 ARCHITECTURAL DECORATION OF RESIDENCES IN NEA PAPHOS, CYPRUS, 1ST CENTURY BC - 4TH CENTURY AD**

Brzozowska-Jawornicka, Aleksandra (Wrocław University of Science and Technology)

**15:30 MOSAICS DECORATIONS OF TWO ROMAN HOUSES FROM ASIA MINOR**

Tülek, Füsün (Kocaeli University Faculty of Arts and Sciences)

**15:45 DISCUSSION SLOT**

**16:30 PERISTYLE DECORATION OF EPHEBUS'S SLOPE HOUSES II AND SOCIAL COMPETITION AMONG THE EPHESIAN ELITE**

Soy, Hüseyin (Middle east Technical University)

**16:45 FLOORS, ARCHITECTURAL ELEVATIONS AND STATUARY IN LATE ANTIQUE RESIDENCES FROM EGYPT, CYRENAICA AND CYPRUS: SOME REMARKS**

Gasparini, Eleonora (Sapienza - University of Rome)

**17:00 DISCUSSION SLOT**

## 302 GENDERED, DIVERSE, INCLUSIVE ARCHAEOLOGICAL MUSEUMS? PROPOSALS AND EXPERIENCES FOR A MORE EQUAL APPROACH TO HERITAGE

**ROOM:** UB213

**TIME:** 16:30 - 18:30

**THEME:** Museums and the challenges of archaeological outreach in the 21st century

**FORMAT:** Regular session

**ORGANISERS:** Gutsmedl-Schuemann, Doris (Dto. Prehistoria y Arqueología. Universidad Autónoma de Madrid; AGE) - Prados Torreira, Lourdes (Dto. Prehistoria y Arqueología. Universidad Autónoma de Madrid; AGE) - Martins, Ana Cristina (Fundação para a Ciência e a Tecnologia / Instituto de História Contemporânea-CEHFCi-UÉ-FCSH-Universidade NOVA de Lisboa; UNIARQ-Centro de Arqueologia da Universidade de Lisboa; AGE)

### ABSTRACTS

#### 16:30 INTRODUCTION

Prados Torreira, Lourdes (Dto. Prehistoria y Arqueología. Universidad Autónoma de Madrid; AGE) - Martins, Ana Cristina (Fundação para a Ciência e a Tecnologia / Instituto de História Contemporânea-CEHFCi-UÉ-FCSH-Universidade NOVA de Lisboa; UNIARQ-Centro de Arqueologia da Universidade de Lisboa; AGE) - Gutsmedl-Schuemann, Doris (Dto. Prehistoria y Arqueología. Universidad Autónoma de Madrid; AGE)

#### 16:45 LET'S TALK ABOUT GENDER: ARCHAEOLOGICAL MUSEUMS IN LISBON

Martins, Ana Cristina (Fundação para a Ciência e a Tecnologia / Instituto de História Contemporânea-CEHFCi-UÉ-FCSH-Universidade NOVA de Lisboa; UNIARQ-Centro de Arqueologia da Universidade de Lisboa; InterArq Project)

#### 17:00 OBJECT INSIDE THE COMMUNITY. A DIFFERENT WAY TO LOOK AT THE TARTESIAN ARCHAEOLOGICAL HERITAGE OF HUELVA

González-Campos Baeza, Yolanda (Instituto Andaluz del Patrimonio Histórico)

#### 17:15 RELECTURAS PROJECT. MUSEUM ROUTES IN GENDER CODE

Soler Mayor, Begonya (Museu Prehistoria Valencia) - Jardón Giner, Paula (Universitat de València) - Pérez Herrero, Clara Isabel (Museu Comarcal Horta Sud)

#### 17:30 THE VISIBILIZATION OF WOMEN OF IBERIAN CULTURE (500-100 BCE) IN ARCHAEOLOGICAL COLLECTIONS AND THEIR REPRESENTATION IN MUSEUMS

Prados Torreira, Lourdes (Universidad Autonoma De Madrid, Departamento de Prehistoria y Arqueología)

#### 17:45 WHOSE CAPITAL, WHOSE DESCENDANTS AND WHOSE HERITAGE? INCLUSIVE ARCHAEOLOGICAL PRACTICE AT LAOSICHENG

Xu, Jian (Sun Yat-sen University)

**18:00 MAKING THE WAY TO A MORE EQUAL MUSEUMS APPROACH TO HERITAGE THROUGH STUDY PROGRAMS? A GERMAN PERSPECTIVE**

Gutsmiedl-Schuemann, Doris (Freie Universität Berlin, Institut für Prähistorische Archäologie)

**18:15 DISCUSSION SLOT**

**312 ANCIENT POTTERY IN CENTRAL ASIA: LARGE SCALE PERSPECTIVE ON THE PRODUCTION SYSTEMS AND THE CULTURAL INTERACTIONS**

**ROOM:** UB305

**TIME:** 8:30 - 16:00

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Martínez Ferreras, Verónica (ERAAUB, Department of History and Archaeology, University of Barcelona) - Luneau, Elise (German Archaeological Institute - Eurasia Department)

**ABSTRACTS**

**8:30 THE MATERIALITY OF PERMANENCE AND COHESION WITHIN NOMADIC CONTEXTS OF BRONZE AGE EASTERN EURASIA**

Dupuy, Paula (Nazarbayev University)

**8:45 ARCHAOMETRICAL ANALYSES RESULTS OF BMAC POTTERY FROM THE ROXIANA PROJECT**

Luneau, Elise (Deutsches Archäologisches Institut, Eurasien-Abteilung)

**9:00 P-XRF STUDIES OF LBA CERAMICS FROM SOUTHERN UZBEKISTAN**

Kaniuth, Kai - Schauer, Michaela (Munich University)

**9:15 THE DIFFERENTIATION OF THE YAZ II AND YAZ III PERIOD IN FIELD SURVEY. A VIEW FROM SERAKHS OASIS (TURKMENISTAN)**

Bulawka, Nazarij (University of Warsaw, Faculty of History, Institute of Archaeology, Department of Near Eastern Archaeology)

**9:30 SOME TECHNOLOGICAL ASPECTS OF CERAMIC COMPLEXES AS ADDITIONAL SOURCE ON CHRONOLOGY AND HISTORY OF CENTRAL ASIA IN EARLY IRON AGE**

Mokrobodov, Viktor (Institute of Archaeology Russian Academy of Sciences)

**9:45 ACHAEMENID AND HELLENISTIC ASSEMBLAGES FROM BACTRA, AFGHANISTAN**

Maxwell-Jones, Charlotte (Aga Khan Trust for Culture)

**10:00 DISCUSSION SLOT**

- 11:00 THE HELLENISTIC POTTERY IN NORTH-EAST BACTRIA LOCAL POTTERY TRADITIONS AND THEIR DISTRIBUTION COMPARED TO THE RESULTS OF THE PXRF ANALYSES**  
Junker, Kristina (Deutsches Archäologisches Institut)
- 11:15 FOCUSED ON TRIANGLES AND CIRCLES: SOME PECULIARITIES OF THE INCISED POTTERY DECORATION OF THE HELLENISTIC PERIOD IN CENTRAL ASIA**  
Stanco, Ladislav (Charles University)
- 11:30 CONTINUITIES AND RUPTURES ON POTTERY TECHNOLOGY. FROM THE HELLENISTIC TO THE NOMADIC TRADITIONS IN ANCIENT BACTRIA**  
Martínez Ferreras, Verónica - Angourakis, Andreas - Gurt Esparraguera, Josep Maria (ERAAUB, Department of History and Archaeology, University of Barcelona) - Pidaev, Shakir R. (Institute of Fine Arts, Academy of Sciences of Uzbekistan) - Hein, Anno - Kilikoglou, Vassilis (Institute of Nanoscience and Nanotechnology, N.C.S.R. Demokritos, Athens)
- 11:45 THE CERAMIC CONTEXTS FROM MIRZAKZULTEPE (SOUTH UZBEKISTAN) IN THE EARLY KUSHAN PERIOD**  
Pidaev, Shakir R. (Institute of Fine Arts, Academy of Sciences of Uzbekistan)
- 12:00 KUSHAN AND KUSHANO-SASANIAN POTTERY FROM TCHINGIZ TEPE (TERMEZ, SOUTH UZBEKISTAN). TYPOLOGICAL AND ARCHAEOMETRIC APPROACH**  
Ariño, Enrique (University of Salamanca) - Gurt, Josep M. - Martínez-Ferreras, Verónica (University of Barcelona) - Pidaev, Shakir (Institute of Fine Arts, Academy of Sciences of Uzbekistan)
- 12:15 KUSHAN CERAMIC CULTURE IN ITS ARCHAEOLOGICAL COMPLEXITY THROUGH THE FRANCO-UZBEK EXCAVATIONS ON TERMEZ (UZBEKISTAN) AND BALKH (AFGHANISTAN)**  
Houal, Jean-Baptiste (CNRS)
- 12:30 RENEWAL OF CERAMIC STUDIES IN KABUL AND ITS REGION**  
Houal, Jean-Baptiste (CNRS)
- 12:45 DISCUSSION SLOT**
- 14:00 CERAMICS OF THE MERV OASIS - THE OTHER SIDE**  
Puschnigg, Gabriele (Institut für Iranistik, Österreichische Akademie der Wissenschaften)
- 14:15 BUKHARA AND ITS NEIGHBOURHOOD: REASSESSING THE CULTURAL LINKS OF THE OASIS FROM NEW CERAMIC EVIDENCE**  
Bruno, Jacopo (Dipartimento di Studi Storici, Università degli Studi di Torino - UNITO) - Puschnigg, Gabriele (Institut für Iranistik, Österreichische Akademie der Wissenschaften - ÖAW)
- 14:30 MEDIEVAL POTTERY TECHNIQUES AND CRAFTSMEN : SAMARKAND WORKSHOPS A CASE STUDY?**  
Simeon, Pierre (CNRS-UMR 8167; Museum für Islamische Kunst)



**14:45 ISLAMIC POTTERY FROM ANCIENT TERMEZ. LOCAL PRODUCTIONS AND TRADED ITEMS WITHIN THE SILK ROAD NETWORK**

Fusaro, Agnese - Gurt Esparraguera, Josep Maria (ERAAUB, Department of History and Archaeology, University of Barcelona) - Pidaev, Shakir R. (Institute of Fine Arts, Academy of Sciences of Uzbekistan) - Martínez Ferreras, Verónica (ERAAUB, Department of History and Archaeology, University of Barcelona)

**15:00 AT THE CROSSROADS OF DATA. PRESENTING THE CAMOTECCER RELATIONAL DATABASE OF ARCHAEOLOGICAL CERAMICS FROM CENTRAL ASIA**

Angourakis, Andreas - Martínez Ferreras, Verónica - Gurt Esparraguera, Josep M. (ERAAUB, Department of History and Archaeology, University of Barcelona) - Ariño Gil, Enrique (Department of Prehistory, Ancient History and Archaeology, University of Salamanca) - Pidaev, Shakir R. (Institute of Fine Arts, Academy of Sciences of Uzbekistan)

**15:15 DISCUSSION SLOT**

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**316 PERSPECTIVES OF THE MARIE SKŁODOWSKA-CURIE FELLOWS IN THE ARCHAEOLOGICAL AND CULTURAL HERITAGE FIELDS**

**ROOM:** UB102

**TIME:** 14:00 - 16:00

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Discussion session

**ORGANISERS:** Bellia, Angela (National Research Council. Institute for Archaeological and Monumental Heritage) - Schulz Paulsson, Bettina (University of Gothenburg)

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**ABSTRACTS**

**14:00 THE MCAA ARCHAEOLOGY AND HERITAGE INTEREST GROUP: A RESOURCE FOR EUROPE?**

Dawson, Helen (Topoi Excellence Cluster, Freie Universität Berlin)

**14:15 THE SYMBOL AND STONE PROJECT: A MARIE SKŁODOWSKA-CURIE INDIVIDUAL FELLOWSHIP (CAR) IN ARCHAEOLOGY AT THE UNIVERSITY OF GOTHENBURG**

Schulz Paulsson, Bettina (University of Gothenburg)

**14:30 A SUSTAINABLE ARCHAEOLOGICAL APPROACH TO THE STUDY OF THE BUILT HERITAGE. THE EXPERIENCE OF THE ACTECH PROJECT IN NORTHERN JORDAN**

Gilento, Piero (Universite Paris 1 Panthéon-Sorbonne)

**14:45 THE ARCHAEOLOGY OF SOUND OF THE CULTIC THEATRE IN A GREEK CITY IN SICILY**

Bellia, Angela (Institute for Archaeological and Monumental Heritage, National Research Council; Marie Curie Alumni Association)

**15:00 GLOBALISATION, MOBILITY, MULTIPLE MIGRATION AND CULTURAL HERITAGE**

Colomer, Laia (Linnaeus university)

**15:15 DISCUSSION SLOT****322 THE ORIGINS OF SOUND-MAKING, SINGING AND MUSIC. THE ARCHAEOACOUSTICS OF EARLY HUMANS****ROOM:** UB311**TIME:** 16:30 - 18:30**THEME:** The archaeology of material culture, bodies and landscapes**FORMAT:** Regular session**ORGANISERS:** Lindstrom, Torill Christine (University of Bergen, Dept of Psychosocial Science; University of Bergen, SapienCE, Centre for early Sapiens Behaviour, CoE) - Zubrow, Ezra (University at Buffalo; University of Toronto)**ABSTRACTS****16:30 THE DEMOGRAPHY OF PREHISTORIC MUSIC**

Zubrow, Ezra (University at Buffalo; University of Toronto)

**16:45 AMUSING MUSICAL SIMILARITIES: EARLY HUMAN AND MODERN HUMAN SOUND-MAKING, SINGING AND MUSIC. A CASE FOR HUMAN NATURE**

Lindstrom, Torill Christine (University of Bergen, Dept of Psychosocial Science, University of Bergen, SapienCE, Centre for early Sapiens Behaviour, CoE)

**17:00 THE EARLIEST MUSICAL INSTRUMENTS: SEA-SHELLS AS RATTLES IN MIDDLE PALEOLITHIC RITES OF PASSAGE**

Garfinkel, Yosef (Hebrew University of Jerusalem)

**17:15 SHAKING THE RATTLE: THE MAGIC POWER OF SOUNDS IN THE RELIGIOUS AND EVERYDAY LIFE OF THE CUCUTENI-TRYPILLIA CIVILIZATION COMMUNITIES**

Turcanu, Senica (Moldavia'a History Museum within "Moldova" National Museum Complex of Iasi)

**17:30 THE CONTRIBUTION OF ROCK ART FOR UNDERSTANDING THE ORIGINS OF MUSIC**

Coimbra, Fernando (Polytechnic Institute of Tomar; Geosciences Centre)

**17:45 AN ANIMIST MODEL FOR THE ORIGINS OF ARTS: SPRAYING COLOURS AND BLOWING AEROPHONES**

Gheorghiu, Dragos (Doctoral School, NUA)

**18:00 DISCUSSION SLOT**

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## 335 STRATEGIES OF OBSIDIAN PROCUREMENT, KNAPPING AND USE IN THE FIRST FARMING SOCIETIES FROM THE CAUCASUS TO THE MEDITERRANEAN

ROOM: UB219

TIME: 8:30 - 12:30

THEME: The archaeology of material culture, bodies and landscapes

FORMAT: Regular session

ORGANISERS: Vinet, Alice (Université Paris 1 - Panthéon Sorbonne; UMR 8215 Trajectoires; UMR 7264 CEPAM) - Guilbeau, Denis (Ministère de la Culture; UMR 7055 Préhistoire et Technologie) - Milić, Bogdana (Institute for Oriental and European Archaeology - OREA, Austrian Academy of Sciences)

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### ABSTRACTS

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#### 8:30 OBSIDIAN'S MYRIAD ROLES IN CENTRAL MEDITERRANEAN PREHISTORY

Freund, Kyle (Indian River State College)

#### 8:45 DISTRIBUTION MECHANISMS OF OBSIDIAN IN AEGEAN FROM THE INITIAL NEOLITHIC TO THE EARLY BRONZE AGE (6800-2200 CAL BC)

Guilbeau, Denis (Ministère de la Culture; UMR 7055 Préhistoire et Technologie)

#### 9:00 OBSIDIAN AS A TRIGGER FOR SPECIALISED BLADE PRODUCTION IN THE NEOLITHIC OF WESTERN ANATOLIA AND ADJACENT REGIONS

Milić, Bogdana (Institute for Oriental and European Archaeology - OREA, Austrian Academy of Sciences)

#### 9:15 OBSIDIAN IN THE LEVANT

Maeda, Osamu (University of Tsukuba) - Campbell, Stuart - Healey, Elizabeth (University of Manchester)

#### 9:30 DISCUSSION SLOT

#### 9:45 NETWORKED COMMUNITIES. ACCESS AND CIRCULATION OF OBSIDIAN MATERIALS IN THE SOUTHERN CAUCASUS BETWEEN THE NEOLITHIC AND CHALCOLITHIC

Ricci, Andrea (Graduate School „Human Development in Landscapes“) - Palumbi, Giulio (Laboratoire CEPAM, CNRS) - Gratuze, Bernard (Laboratoire IRAMAT, CNRS) - Hansen, Svend (Eurasia Dept., German Archaeological Institute) - Menabde, Medea - Nebieridze, Lamara (Georgian National Museum)

#### 10:00 OBSIDIAN PROCUREMENT STRATEGIES AND TECHNOLOGIES IN THE CHALCOLITHIC OF ARMENIA: AN EXAMPLE FROM GETAHOVIT 2 CAVE

Tardy, Nicolas (CNRS/Archéorient - UMR 5133) - Kalantaryan, Irene (Archaeological Institute of Erevan) - Perello, Bérengère (CNRS/Archéorient - UMR 5133)

#### 10:15 DISCUSSION SLOT

- 11:00 FROM FUNCTIONAL TO SYMBOLIC: OBSIDIAN PROCUREMENT, PRODUCTION, CONSUMPTION, AND DEPOSITION PRACTICES AT NEOLITHIC ÇATALHÖYÜK**  
Doyle, Sean (McMaster University)
- 11:15 THE EARLY CHALCOLITHIC OBSIDIAN POINTS FROM CENTRAL ANATOLIA**  
Vinet, Alice (Université Paris 1 - Panthéon Sorbonne; UMR 8215 - Trajectoires; UMR 7264 CEPAM)
- 11:30 OBSIDIAN AS A SOCIAL OBJECT? UNDERSTANDING 'UNUSUAL' OBSIDIAN ARTEFACTS IN THE AEGEAN NEOLITHIC**  
Milic, Marina (Independent)
- 11:45 CAUSE FOR REFLECTION: OBSIDIAN "MIRRORS" IN THE NEAR EAST**  
Coskunsu, Güner (Centro Internazionale di Sperimentazione, di Documentazione e di Studio per la Preistoria e l'Etnografia dei Popoli Primitivi) - Healey, Elizabeth (The University of Manchester Archaeology Department) - Iovino, Maria Rosa (Centro Internazionale di Sperimentazione, di Documentazione e di Studio per la Preistoria e l'Etnografia dei Popoli Primitivi)
- 12:00 DISCUSSION SLOT**

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## 357 IN THE SHADOW OF THE ROMAN EMPIRE: CONTACT, INFLUENCE AND CHANGE OUTSIDE THE ROMAN LIMES

**ROOM:** CCCB-1A

**TIME:** 11:00 - 17:30

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Nieuwhof, Annet (University of Groningen) - Kegler, Jan (Ostfriesische Landschaft, Aurich) - Campbell, Louisa (University of Glasgow)

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### ABSTRACTS

- 11:00 LUXURY TABLEWARE? TERRA SIGILLATA IN THE TERP REGION OF THE NORTHERN NETHERLANDS**  
Nieuwhof, Annet (University of Groningen)
- 11:15 LATE ANTIQUE FORTS AT THE CONFLUENCE OF THE NILES**  
Drzewiecki, Mariusz (Institute of Mediterranean and Oriental Cultures, Polish Academy of Sciences)
- 11:30 TRANSFORMING THE FACES OF THE DEAD. USING R TO TRACE THE CHANGING BURIAL PREFERENCES AT HATRA AND PALMYRA**  
Tietze, Carolin (ISAAKiel; CAU Kiel)

- 11:45 ROMANIZATION OF LOWER DANUBE. MEANINGS AND ARCHAEOLOGICAL DATA**  
Magureanu, Andrei - Magureanu, Despina (Institute of Archaeology „Vasile Parvan“)
- 12:00 FRIEND OR FOE? BARBARIANS IN THE UPPER TISA BASIN IN THE 3RD AND 4TH CENTURIES**  
Bulas, Jan (Jagiellonian University)
- 12:15 WHAT CAN WE LEARN FROM OUR RIVALRY?**  
Narloch, Krzysztof (Uniwersytet Warszawski)
- 12:30 DISCUSSION SLOT**
- 14:00 ILLUMINATING THE SHADOW: COINAGE AS A TRANSFORMED AND TRANSFORMING MEDIUM BEYOND THE LIMES**  
Wigg-Wolf, David (RGK - Romano-Germanic Commission DAI)
- 14:15 METALS AND WHEEL-THROWN POTTERY: ROMAN IMPORTED MATERIAL IN THE WESTPHALIAN HINTERLAND**  
Cichy, Eva (LWL-Archäologie für Westfalen) - Könemann, Patrick (Ruhr Universität Bochum) - Fahr, Robert (LWL-Archäologie für Westfalen)
- 14:30 WESTERHOLT „AN DER MÜHLE“ - A ROMAN IRON AGE SITE AT THE NORTH SEA COAST**  
Kegler, Jan (Ostfriesische Landschaft)
- 14:45 ROMAN IMPORT FOR THE BARBARIANS OF THE NORTH - GRAVE GOODS AND BUILDING PRACTICES**  
Jensen, Anja (Museum Skanderborg)
- 15:00 ROMAN KNIGHT AND GOTLAND?**  
Gannholm, Tore (Åbo akademi)
- 15:15 VESTLAND CAULDRONS WITH CREMATION RESIDUES: ENCOUNTERS IN A LOCAL SCANDINAVIAN MICRO PERSPECTIVE**  
Hjorungdal, Tove (University of Gothenburg)
- 15:30 WHAT DID THE ROMANS DO FOR US? SOCIO-JUDICIAL CHANGES IN SCANDINAVIA IN ENCOUNTER WITH THE ROMAN EMPIRE, C. 100-600/1000 CE**  
Ødegaard, Marie (Museum of Cultural History, University of Oslo)
- 15:45 DISCUSSION SLOT**
- 16:30 OUTSIDE THE LIMES: POSSIBLE INTERACTIONS BETWEEN ROMANS AND NATIVES OF SCOTLAND**  
Di Pastena, Luisa (Università degli Studi di Roma „La Sapienza“)
- 16:45 PROMOTING PROPAGANDA THROUGH EPIGRAPHY ON THE EDGE OF EMPIRE**  
Campbell, Louisa (University of Glasgow)
- 17:00 DISCUSSION SLOT**

## 358 GLAZE PRODUCTION TECHNOLOGY IN THE MEDIEVAL AND POST-MEDIEVAL MEDITERRANEAN

ROOM: UB206

TIME: 8:30 - 13:00

THEME: The archaeology of material culture, bodies and landscapes

FORMAT: Regular session

ORGANISERS: Ting, Carmen (University of Cyprus) - Molera, Judit (Universitat de Vic - Universitat Central de Catalunya) - Salinas, Elena (Universitat Politècnica de Catalunya) - Vionis, Athanasios (University of Cyprus) - Gaudenzi Asinelli, Mainardo (Universitat de Vic - Universitat Central de Catalunya)



### ABSTRACTS

**8:30 THE USE OF TIN- AND ANTIMONY-BASED YELLOW AND WHITE OPACIFIERS IN ISLAMIC GLAZED CERAMICS**

Tite, Michael (University of Oxford) - Salinas, Elena - Pradell, Trinitat (Universitat Politècnica de Catalunya) - Matin, Moujan (University of Oxford)

**8:45 THE BEGINNINGS OF TIN-OPACIFIED ISLAMIC GLAZES IN WESTERN MEDITERRANEAN**

Salinas, Elena - Pradell, Trinitat (Universitat Politècnica de Catalunya)

**9:00 NEW DATA FROM THE STUDY OF THE EARLY ISLAMIC GLAZED CERAMIC VESSELS OF MEDINA ELVIRA (GRANADA, SPAIN)**

Martinez alvarez, Cristina (University of Granada)

**9:15 CROSS-CRAFT INTERACTION BETWEEN GLASS AND GLAZE TECHNOLOGIES IN THE MEDIEVAL IBERIAN PENINSULA**

Duckworth, Chloe (Newcastle University) - Govantes Edwards, David (Universidade Nova de Lisboa)

**9:30 COMPARING GLAZES TECHNIQUES: THE CASE OF BARCELONA AND SEVILLA**

Madrid i Fernández, Marisol - Fernández de Marcos García, Cristina - Buxeda i Garrigós, Jaume - Peix Visiedo, Judith (University of Barcelona; Cultura Material i Arqueometria UB - ARQUB, GRACPE)

**9:45 ISLAMIC GLAZED WARES FROM ANCIENT TERMEZ (SOUTHERN UZBEKISTAN). RAW MATERIALS AND TECHNIQUES COMPARED WITH MEDITERRANEAN CONTEMPORARY PRODUCTIONS**

Molera, Judit (Universitat de Vic) - Martínez Farreras, Veronica - Fusaro, Agnese - Gurt Esparraguera, Josep M. (Universitat de Barcelona) - Pradell, Trinitat (Universitat Politècnica de Catalunya)

**10:00 GLAZED PRODUCTION TECHNOLOGY IN GOLDEN HORDE (1266 - 1341). QUESTIONS OF GENESIS**

Bocharov, Sergei (Alfred Khalikov Institute of Archaeology Academy of Sciences Tatarstan Republic; Kazan Federal University, Laboratory)

**10:15 DISCUSSION SLOT****11:00 THE EARLIEST GLAZED CERAMICS IN CONSTANTINOPLE: A REGIONAL OR INTERNATIONAL PHENOMENON?**

Armstrong, Pamela (University of Oxford; Campion Hall)

**11:15 FIRING GLAZED WARES IN BYZANTINE KILNS: CONTINUITIES AND CHANGES IN THE TECHNOLOGY OF GLAZED POTTERY PRODUCTION (11TH-15TH C.)**

Raptis, Konstantinos (Ephorate of Antiquities of Thessaloniki)

**11:30 THE PRODUCTION OF GLAZED CERAMICS IN THE MIDDLE BYZANTINE PERIOD: A VIEW FROM KYTHERA**

Kiriatzis, Evangelia (British School at Athens) - Georgakopoulou, Myrto (University College London-Qatar) - Vroom, Joanita (University of Leiden)

**11:45 THE MEDIEVAL AEGEAN BETWEEN EAST AND WEST: ASSESSING GLAZING TECHNOLOGIES AT GREEK POTTERY WORKSHOPS UNDER BYZANTINE AND LATIN RULES**

Liard, Florence (IRAMAT-CRP2A, Université Bordeaux Montaigne; Fitch Laboratory, British School at Athens) - Ben Amara, Ayed - Chapoulie, Rémy (IRAMAT-CRP2A, Université Bordeaux Montaigne) - Della Ventura, Giancarlo - Sodo, Armida (Università Roma Tre, Dipartimento Scienze) - Kiriatzis, Evangelia - Muller, Noemi (Fitch Laboratory, British School at Athens)

**12:00 THE ORIGIN AND DEVELOPMENT OF LOCAL GLAZE TECHNOLOGY IN MEDIEVAL CYPRUS**

Ting, Carmen - Vionis, Athanasios - Kassianidou, Vasiliki (University of Cyprus)

**12:15 CHARACTERIZATION OF MEDIEVAL GLAZED CERAMICS OF THE EAST PLAIN CILICIA SURVEY**

Tülek, Füsün (Kocaeli University Faculty of Arts and Sciences) - Aktaş, Gülşah - Atapek, Hakan - Polat, Şeyda (Kocaeli University, Faculty of Engineering, Department of Metallurgical and Materials Engineering)

**12:30 MILETUS WARE: AN EARLY OTTOMAN MARKER OF A CERAMIC TECHNOLOGY TRANSITION IN WESTERN ANATOLIA**

Burlot, Jacques (Koç University - Research Center for Anatolian Civilizations - Istanbul; ArAr UMR 5138 - Laboratory of Archaeology et Archaeometry - Lyon) - Waksman, Yona (CNRS - The French National Center for Scientific Research; ArAr UMR 5138 - Laboratory of Archaeology et Archaeometry - Lyon) - Teslenko, Iryna (National Ukrainian Academy of Science - Institute of Archeology - Department of Archeology of Crimea and North-Western Black Sea Region - Kyiv) - Bellot-Gurlet, Ludovic (Sorbonne Universités - UPMC Université Pierre et Marie Curie-Paris 6; MONARIS UMR 8233 - Paris)

**12:45 DISCUSSION SLOT**

## 363 HUMAN, POSTHUMAN, TRANSHUMAN DIGITAL ARCHAEOLOGIES

ROOM: UB220

TIME: 14:00 - 18:30

THEME: Theories and methods in archaeological sciences

FORMAT: Session with precirculated papers

ORGANISERS: Diaz-Guardamino Uribe, Marta (Cardiff University) - Morgan, Colleen (University of York) - Frieman, Catherine (Australian National University)

### ABSTRACTS

#### 14:00 INTRODUCTION TO SESSION: HUMAN, POSTHUMAN, TRANSHUMAN DIGITAL ARCHAEOLOGIES

Diaz-Guardamino Uribe, Marta (Cardiff University) - Morgan, Colleen (University of York) - Frieman, Catherine (Australian National University)

#### 14:15 DIGITAL PATHS TO REVEAL HOW ARCHAEOLOGISTS IMAGINE/CONSTRUCT THE PAST

Tringham, Ruth (Dept. of Anthropology, Univ. of California)

#### 14:30 DO ARCHAEOLOGISTS DREAM OF ELECTRIC SHEEP?

Danis, Annie (University of California, Berkeley)

#### 14:45 DISCUSSION SLOT

#### 15:00 PUNK ARCHAEOLOGY, SLOW ARCHAEOLOGY, AND THE ARCHAEOLOGY OF CARE

Caraher, William (University of North Dakota)

#### 15:15 THE ENCHANTMENT OF THE ARCHAEOLOGICAL RECORD

Perry, Sara (Department of Archaeology, University of York)

#### 15:30 "THE SLOW REGARD OF SILENT THINGS..." WORKING THROUGH DIGITAL/ EXPERIMENTAL ARCHAEOLOGIES/DEEP MAPPING

Gearey, Benjamin (Prehistoric Society/UCC Department of Archaeology) - Power, Or-la-Peach (Digital Humanities, University College Cork)

#### 15:45 DISCUSSION SLOT

#### 16:30 AVATARS, MONSTERS, CYBORGS & MACHINES: A POSTHUMAN DIGITAL ARCHAEOLOGY

Morgan, Colleen (University of York)

#### 16:45 CLOSE TO THE BONE: DIGITAL DISRUPTION AND PRACTICE BASED LEARNING IN THE ANU SKULLBOOK PROJECT

Frieman, Catherine - Grant, Katrina - Nurmikko-Fuller, Terhi - Samper Carro, Sofia (Australian National University)

#### 17:00 VOICES IN THE MAKING: QUEER, FEMINIST DISRUPTIONS OF (DIGITAL) ARCHAEOLOGY

Cook, Katherine (McMaster University)



**17:15 DISCUSSION SLOT****17:30 PUSHING THE BOUNDARIES OF EPIGRAPHIC KNOWLEDGE: DIGITAL TECHNOLOGIES FOR RECORDING, ANALYSING AND DISSEMINATING ROMAN INSCRIPTIONS**

Espinosa-Espinosa, David - Carrero-Pazos, Miguel (University of Santiago de Compostela)

**17:45 THE ILLUSION OF IMMATERIALITY: TOWARDS A POSTHUMAN VIEW ON MATERIAL ABSENCE AND DIGITAL PRESENCE IN ROMAN ARCHAEOLOGY**

Mol, Eva (Brown University)

**18:00 ECOLOGIES OF THE DIGITAL SYNANTHROPE: SELKIE WIVES AND BUFFALO STONES**

Minkin, Louisa (University of the Arts London)

**18:15 DISCUSSION SLOT****371 HASHTAG SCICOMM: COMMUNICATING ARCHAEOLOGY AND CULTURAL HERITAGE IN A POST-FACTUAL AGE**

ROOM: U222

TIME: 16:30 - 18:30

THEME: Archaeology and the European Year of Cultural Heritage

FORMAT: Regular session

ORGANISERS: Notroff, Jens (German Archaeological Institute) - Knight, Matthew G. (University of Exeter) - Dietrich, Oliver (German Archaeological Institute)

**ABSTRACTS****16:30 COMMUNICATING ARCHAEOLOGY AND CULTURAL HERITAGE - INTRODUCTORY REMARKS**

Notroff, Jens - Dietrich, Oliver (German Archaeological Institute) - Knight, Matthew (University of Exeter)

**16:45 FACTS, ARCHAEOLOGY, AND LABOUR: ITS NOT JUST OUR DIRT BUCKETS THAT ARE HEAVY**

Pageau, Hanna (University at Albany)

**17:00 RE-APPROPRIATING A COMMUNICATIVE SPACE: ARCHAEOLOGISTS ENGAGE AS A STRATEGY FOR EXCHANGE**

Schenck, Tine - Krogsrud, Linn Marie (ArchaeologistsEngage)

**17:15 THE NEOLITHIC REVOLUTION AS NEGATIVE HERITAGE: APPRAISING A TREND IN MODERN POPULAR SCIENCE WRITING**

Anvari, Jana - Rosenstock, Eva (Freie Universität Berlin, Institut für Prähistorische Archäologie)

**17:30 (H)STORYTELLING: FACTUALITY AND ARCHAEOLOGICAL WRITING ON THE NEAR EAST**

Schmitt, Kathrin (Freie Universität Berlin)

**17:45 DIGITAL OUTREACH AT THE ROMAN SITE OF POGGIO DEL MOLINO AND AT THE MUSEO ETRUSCO DI POPULONIA (LIVORNO, ITALY)**

Baione, Carlo (Università degli Studi di Firenze)

**18:00 HADRIANUS\* HADRIAN AS A TRADEMARK**

Abonyi, Zsanett - Havas, Zoltán (Budapesti Történeti Múzeum/ Budapest Historical Museum)

**18:15 DISCUSSION SLOT**

**POSTERS**

**a. THE OTHER KIND OF FIELDWORK. ARCHAEOLOGICAL EDUTAINMENT, POPULARISATION AND REENACTMENT ACTIVITIES OF THE SOCIETY OF ARCHAEOLOGY STUDENTS**

Kozicka, Magdalena - Wielocha, Ewa (Institute of Archaeology, Nicolaus Copernicus University in Toruń)

**b. WORKING FOR AND WITH THE PUBLIC AS PART OF ARCHAEOLOGY OF THE SITE OF VINČA, SERBIA**

Filipovic, Dragana (Institute for Balkan Studies, Serbian Academy of Sciences and Arts, Belgrade) - Penezic, Kristina (BioSense Institute, Novi Sad) - Ignjatović, Milorad (Archaeology Department, Belgrade City Museum) - Tasić, Nenad (Department of Archaeology, Faculty of Philosophy, University of Belgrade)

**372 FRONTIERS OF MOTION? BORDERLANDS AS ZONES OF COMMUNICATION AND MOBILITY**

**ROOM:** CCCB4M

**TIME:** 8:30 - 18:30

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Salisbury, Roderick (University of Vienna) - Fábíán, Szilvia (Hungarian National Museum) - Guba, Szilvia (Kubinyi Ferenc Museum)

**ABSTRACTS**

**8:30 INTRODUCTION TO FRONTIERS OF MOTION? BORDERLANDS AS ZONES OF COMMUNICATION AND MOBILITY**

Salisbury, Roderick (University of Vienna) - Fábíán, Szilvia (Hungarian National Museum) - Guba, Szilvia (Kubinyi Ferenc Museum, Hungary)

**8:45 YOUR PERIPHERY IS MY CORE AREA: ARCHAEOLOGY AT THE EDGE AND IN-BETWEEN**

Mullin, David (University of Worcester)

- 9:00 THE POWER OF PLACE: INTRA-SITE BOUNDARIES AND SOCIAL TRANSFORMATIONS IN A LATE NEOLITHIC SETTLEMENT COMPLEX ON THE GREAT HUNGARIAN PLAIN**  
Gyucha, Attila - Parkinson, William (Field Museum of Natural History) - Yerkes, Richard (Ohio State University)
- 9:15 SOME THOUGHTS ON ARCHAEOLOGICAL BOUNDARIES FROM A NETWORK PERSPECTIVE**  
Golitzko, Mark (University of Notre Dame)
- 9:30 INTERACTING ON THE EDGES: SOCIAL NETWORK ANALYSIS PERSPECTIVE ABOUT CULTURAL FRONTIERS**  
Jimenez-Puerto, Joaquin R - Bernabeu Aubán, Joan - Orozco-Köhler, Teresa - Escribá, M<sup>a</sup> Pilar (Departamento de Prehistoria, Arqueología e Historia Antigua de la UVEG)
- 9:45 ARCHAEOLOGICAL MATERIAL BORDERLANDS AS BECOMING**  
Ferris, Neal (University of Western Ontario; Museum of Ontario Archaeology)
- 10:00 DISCUSSION SLOT**
- 11:00 MOBILITY ALONG THE NILE DURING THE 2ND MILLENNIUM BCE - CASE STUDIES FROM ELEPHANTINE, EGYPT AND SAI ISLAND, SUDAN**  
Budka, Julia (LMU Munich)
- 11:15 THE SEAM BETWEEN THE DESERT AND THE FERTILE LAND: CONTINUITY AND ITS ABSENCE IN THE NORTHERN NEGEV, SOUTHERN LEVANT**  
Abadi-Reiss, Yael (Israel Antiquity Authority)
- 11:30 MYCENAEAN AND INCISED/ ENCRUSTED POTTERY ON THE CROSSROADS OF AEGEAN AND BALKANS IN THE LATE BRONZE AGE**  
Bahyrycz, Cezary (Adam Mickiewicz University of Poznan)
- 11:45 NATURAL WAYS, ARTIFICIAL WAYS. TRAFFIC ROUTES THROUGH THE PO PLANE BETWEEN BRONZE AND ROMAN AGE**  
Boccuccia, Paolo (Museo delle Civiltà) - Capurso, Annalisa - Trocchi, Tiziano (Soprintendenza Archeologia, belle arti e paesaggio di Bologna)
- 12:00 FRONTIERS AND MOBILITY ACROSS THE ALPS IN THE LONGUE-DURÉE: COMPARING IRON AGE GAULS AND EARLY MEDIEVAL FRANKS IN NORTH-EASTERN ITALY**  
Panato, Marco - Saccoccio, Fabio (The University of Nottingham)
- 12:15 PYRENEAN AGREEMENTS BETWEEN POINTS, ARROWS AND ZONES: "LIES ET PASSERIES" REREAD WITH GRAPH THEORY**  
Le Couedic, Melanie (University of Pau and Pays of Adour)
- 12:30 DISCUSSION SLOT**

- 14:00 THE IPOLY RIVER AS BORDER OR CHANNEL OF COMMUNICATION? CASE STUDY/NEW RESULTS OF THE ISZAP-PROJECT (NE-HUNGARY)**  
Guba, Szilvia (Ferenc Kubinyi Museum) - Fábíán, Szilvia (Hungarian National Museum) - Salisbury, Roderick B. (University of Vienna) - Czifra, Szabolcs - Larsson, Nicklas (Hungarian National Museum) - Szilágyi, Kata (Ferenc Móra Museum)
- 14:15 FRONTIER OR FRIENDZONE?**  
Bácsmegi, Gábor (Munkácsy Mihály Museum)
- 14:30 TRUE COLOURS: EXPRESSIONS OF IDENTITY IN A LATE NEOLITHIC COMMUNITY EMBRACING MULTIPLE CULTURAL TRADITIONS**  
Sebok, Katalin (Institute of Archaeological Sciences of the Eotvos Lorand University)
- 14:45 INTERACTIONS IN PLAY: MATERIAL INDICATORS OF SHIFTING BOUNDARIES FROM THE LATE NEOLITHIC TO THE EARLY COPPER AGE**  
Riebe, Danielle - Parkinson, William - Gyucha, Attila (Field Museum of Natural History)
- 15:00 ON THE SHORE OF THE HALLSTATT WORLD: CULTURAL INTERACTIONS IN EARLY IRON AGE CARPATHIAN BASIN**  
Czifra, Szabolcs (Hungarian National Museum)
- 15:15 THE CULTURAL IMPACT IN BORDER ZONES – TRADE AND TRADITIONS IN A ROMANO-CELTIC ENVIRONMENT. A CASE STUDY**  
Schwenzer, Gerit (-)
- 15:30 DISCUSSION SLOT**
- 16:30 LIVING IN THE BORDERLAND. OSTROWITE ON THE BACKGROUND OF SETTLEMENT PATTERNS CHANGES OF THE MEDIEVAL POLISH-POMERANIAN BORDER**  
Sikora, Jerzy (Institute of Archaeology University of Lodz) - Kittel, Piotr (Department of Geomorphology and Palaeogeography, Faculty of Geographical Sciences, University of Lodz) - Wroniecki, Piotr (non-affiliated)
- 16:45 SETTLEMENT ON THE BORDERLAND BETWEEN CULTURAL ZONES - CASE OF SANTOK IN EARLY MIDDLE AGES**  
Zamelska-Monczak, Kinga (Institute of Archaeology and Ethnology PAS, Center for Prehistoric and Medieval Studies, Poznań)
- 17:00 MARGINAL OR MULTI-CULTURAL? MOVEMENT AND MOBILITY ON EARLY MEDIEVAL WALCHEREN (NETHERLANDS)**  
Ten Harkel, Letty (University of Oxford)
- 17:15 INTERACTION AND NETWORKS BETWEEN MEGALITHIC GRAVES IN THE NEOLITHIC OF NORTHWEST EUROPE**  
Menne, Julia (Christian-Albrechts-University Kiel, Institute of Prehistoric and Protohistoric Archaeology)

**17:30 A FRONTIER LANDSCAPE - LONG-TIME USE AND ETHNIC RELATIONS IN THE BORDER LANDS OF EASTERN NORWAY**

Holm, Ingunn (The Directorate for Cultural Heritage in Norway)

**17:45 LAKE PEIPSI AS A REGIONAL NETWORK OF COMMUNICATION**

Karro, Krista (Tallinn University; Estonian National Heritage Board) - Roio, Maili (Estonian National Heritage Board)

**18:00 DISCUSSION SLOT**

**POSTERS**

**a. RESILIENCE OF BORDERS: AN ARCHAEOLOGICAL PERSPECTIVE**

Jané, Oscar (Autonomous University of Barcelona)

**385 MOVING FORWARD THROUGH A NEW GENDERED FUNERARY ARCHAEOLOGY. CURRENT RESEARCH AND NEW PERSPECTIVES ON DIFFERENCES AND INEQUALITY IN PREHISTORIC SOCIETIES**

**ROOM:** UB406

**TIME:** 8:30 - 13:00

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Carracedo Recasens, Robert (Universitat Autònoma de Barcelona, Departament de Prehistòria) - Cintas Peña, Marta (Universidad de Sevilla, Departamento de Prehistoria y Arqueología) - Duboscq, Stéphanie (Freelance Archaeologist)

**ABSTRACTS**

**8:30 CAN WE TALK ABOUT PRESTIGE IN ARCHAEOLOGICAL HUNTER-GATHERER-FISHER SOCIETIES?**

Pedraza, Diego (I.M.F. - C.S.I.C.)

**8:45 THE „PRE-GLASS CEILING”: MAY THE MESOLITHIC WOMAN FROM AIZPEA (NAVARRÉ, NORTHERN IBERIA) REPRESENT AN EARLY CASE OF SEX-RELATED INEQUALITY?**

Hervella, Montse (UPV/EHU) - Fernandez-Crespo, Teresa (School of Archaeology, University of Oxford) - Ventades, Nerea G (UPV/EHU) - Schulting, Rick (School of Archaeology, University of Oxford) - de la Rua, Concepcion (UPV/EHU)

**9:00 GENDER AND AGE IN WESTERN EUROPEAN UPPER PALAEOLITHIC TO NEOLITHIC BURIAL PRACTICES**

Harto Villén, Ana (University of York)

**9:15 GENDER AND RITUAL DURING THE PRE-POTTERY NEOLITHIC**

Erdem, Deniz (METU)

- 9:30 GENDER, STATUS AND IDENTITY IN LATE JOMON FUNERARY EVIDENCE**  
Bausch, Ilona (Sainsbury Institute for Japanese Arts and Cultures)
- 9:45 YOU'RE NOT OLD ENOUGH: FUNERARY TREATMENT TOWARDS CHILDREN DURING THE RECENT PREHISTORY (IIIIRD- IIND MILLENNIUM CAL BC) OF CENTRAL SPAIN**  
Herrero-Corral, Ana (Universidad Complutense de Madrid)
- 10:00 WE ARE ALL ONE: COMMINGLED HUMAN REMAINS AND FUNERARY PRACTICES AT THE PERDIGÕES DITCHED ENCLOSURE (PORTUGAL), 3RD MILLENNIUM BC**  
Evangelista, LS (Era Arqueologia, S.A.; ICArEHB - Interdisciplinary Center for Archaeology and Evolution of Human Behaviour, Algarve University; CIAS - Research Centre for Anthropology and Health, Coimbra University)
- 10:15 DISCUSSION SLOT**
- 11:00 CITATION AND GENDER PRODUCTION IN MORTUARY PRACTICE: AN EXAMPLE FROM EARLY BRONZE AGE IRELAND**  
Haughton, Mark (University of Cambridge)
- 11:15 BEAUTIFUL WARRIORS AND WEAVERS: GENDER IDENTITIES IN LATIUM VETUS IN FINAL BRONZE AGE 3 (C. 1050-950 BC)**  
Venderbos, Ilona (Vrije Universiteit Amsterdam; CLUE +)
- 11:30 RITUAL OF „VOLUNTARY DEATH“ AMONG THE POPULATION OF SARGATKA CULTURE IN THE EARLY IRON AGE**  
Chikunova, Irina (Federal State Institution Federal Research Centre Tyumen Scientific Centre of Siberian Branch of the Russian Academy of Sciences)
- 11:45 SEARCHING FOR THE SOCIAL MATURITY: STUDY CASES FROM THE MIDDLE AND LATE IRON AGE BURIALS IN THE TERRITORY OF LATVIA**  
Erkske, Aija (Institute of Latvian History at the University of Latvia)
- 12:00 A QUANTITATIVE AND DIACHRONIC STUDY ABOUT SOCIAL INEQUALITY BASED ON ARCHAEOLOGICAL CULTURES IN SOUTH-WEST GERMANY**  
Großmann, Ralph (Kiel University)
- 12:15 ANCIENT DNA ELUCIDATES SEX-BIASED CULTURAL PRACTICES THROUGH DIFFERENCES IN POPULATION SIZES AND ANCESTRIES**  
Hofmanová, Zuzana - Wegmann, Daniel (Department of Biology, University of Fribourg, Switzerland; Swiss Institute of Bioinformatics, Fribourg, Switzerland)
- 12:30 DISCUSSION SLOT**

**a. SYMBOLISM OF GRAVES WITH WEAPONS IN THE EARLY BRONZE AGE: USE-WEAR ANALYSIS OF METAL DAGGERS IN BOHEMIA**

Petriscakova, Katarina (The City of Prague Museum; Department of Archaeology, Charles University) - Vercik, Marek (Institute of Classical Archaeology, Charles University) - Limbursky, Petr (Institute of Archaeology of the CAS, Prague) - Pavuk, Peter (Institute of Classical Archaeology, Charles University)

**389 DOES THE “DOMESTICATED LANDSCAPE” HAVE A SPECIAL ISOTOPIC SIGNATURE?**

**ROOM:** UB302

**TIME:** 11:00 - 15:30

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Regular session

**ORGANISERS:** Dobrovolskaya, Maria (Institute of Archaeology Russian Academy of Sciences) - Liden, Kerstin (Stockholm University Department of Archaeology and Classical Studies)

**ABSTRACTS**

**11:00 WHY WOULD A DOMESTICATED LANDSCAPE HAVE A SPECIAL ISOTOPIC SIGNATURE? HOW IS IT IDENTIFIED, QUANTIFIED AND MADE USE OF?**

Liden, Kerstin (Archeological research laboratory, Stockholm University) - Angerbjörn, Anders (Department of Zoology, Stockholm University)

**11:15 PATHWAYS TO PIG ISOTOPIC SIGNATURE CHANGE DURING EARLY NEOLITHIC: VARIABILITY IN DOMESTICATIONS ACTIONS AND FEEDING PRACTICES**

Navarrete, Vanessa (Laboratory of Archaeozoology; Autonomous University of Barcelona) - Colonese, Andre Carlo (BioArCh, Department of Archaeology, University of York) - Subirà, Eulàlia (GRAPAC, Unitat d'Antropologia Biològica, Departament de Biologia Animal, Biologia Vegetal i Ecologia. Universitat Autònoma de Barcelona) - Comes, Pau (Institut de Ciència i Tecnologia Ambientals. Universitat Autònoma de Barcelona) - Rosell-Melé, Antoni (Institut de Ciència i Tecnologia Ambientals. Universitat Autònoma de Barcelona; Institució Catalana de Recerca i Estudis Avançats) - Saña Seguí, Maria (Laboratory of Archaeozoology; Autonomous University of Barcelona)

**11:30 HOW TO BECOME A BRONZE AGE CASTLER: DOMESTIC LANDSCAPE OF THE ABASHEVO PEOPLE IN VOLGA REGION**

Mednikova, Maria (Institute of Archaeology Russian Academy of Sciences)

**11:45 DOMESTIC LANDSCAPE OF THE ABRAU PENINSULA IN THE BLACK SEA REGION THROUGH THE AGES**

Mednikova, Maria - Batchenko, Victoria - Malyshev, Alexey (Institute of Archaeology Russian Academy of Sciences)

**12:00 TERRESTRIAL AND AQUATIC FOOD RESOURCES IN THE ORDINARY DIET OF THE POPULATION OF ANCIENT PHANAGORIA**

Svirkina, Natalya (Institute of Archaeology Russian Academy of Sciences)

**12:15 C4 PLANTS IN THE FOOD CHAIN OF MEDIEVAL POPULATION OF NORTH-EAST BLACK SEA REGION: ISOTOPIC AND ETHNOGRAPHIC EVIDENCES**

Shvedchikova, Tatiana (Institute of Archaeology Russian Academy of Sciences)

**12:30 WHO ARE BURIED IN THE GRAVES OF SHUROVO (CENTRAL RUSSIA, VIKING AGE): LOCAL PEOPLE OR OUTLANDERS?**

Syrovatko, Alexander („Kolomna Archaeological Center“) - Svirkina, Natalia (IA RAS)

**12:45 DISCUSSION SLOT****14:00 ISOTOPIC STUDIES IN THE RECONSTRUCTION OF EVERYDAY LIFE OF MEDIEVAL NOVGOROD**

Reshetova, Irina (Institute of Archaeology Russian Academy of Sciences)

**14:15 ISOTOPES OF CARBON, NITROGEN AND STRONTIUM IN THE VALDAI'S LANDSCAPES FOR THE RECONSTRUCTION OF MEDIEVAL POPULATION DIET AND MOBILITY**

Dobrovolskaya, Maria - Reshetova, Irina - Svirkina, Natalia (Institute of Archaeology Russian Academy of Sciences) - Tiunov, Alexey - Kuzmicheva, Evgenya - Krylovich, Olga - Savinetsky, Arkady (Severtsov Institute of Ecology and Evolution)

**14:30 MEDIEVAL MUROMA POPULATION: THE EMPLOYMENT OF NATURAL AND CULTURAL ECOSYSTEMS (FROM STABLE ISOTOPES ANALYSIS)**

Zelentsova, Olga - Dobrovolskaya, Maria (Institute of Archaeology Russian Academy of Sciences)

**14:45 DISCUSSION SLOT**



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## 397 **MODELLING THE PAST: CRISIS OF IDEAS IN MODERN ARCHAEOLOGY?**

**ROOM:** CCCB12

**TIME:** 14:00 - 18:30

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Regular session

**ORGANISERS:** Nakoinz, Oliver (Institut für Ur- und Frühgeschichte, Christian-Albrechts-Universität, Kiel; Johanna-Mestorf Academy, Kiel) - Diachenko, Aleksandr (Institute of Archaeology of the National Academy of Sciences of Ukraine) - Kadrow, Sławomir (Institute of Archaeology, University of Rzeszow) - Giroto, Chiara (Goethe University Frankfurt) - Rivers, Ray (Imperial College London)

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### ABSTRACTS

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#### **14:00 IMPLEMENTATION ARCHAEOLOGY**

Zubrow, Ezra (University at Buffalo; University of Toronto)

#### **14:15 THE PROBABILITIES OF ARCHAEOLOGICAL EXPLANATION**

Barceló, Juan (Universitat Autònoma de Barcelona)

#### **14:30 THE ENTROPY OF ARCHAEOLOGICAL THOUGHT**

Diachenko, Aleksandr (Institute of Archaeology of the NAS of Ukraine) - Sobkowiak-Tabaka, Iwona (Ośrodek Studiów Pradziejowych i Średniowiecznych, Instytut Archeologii i Etnologii PAN)

#### **14:45 LOOKING BACK TWICE - THE FUTURE OF ARCHAEOLOGICAL THEORY**

Nakoinz, Oliver (Johanna-Mestorf Academy)

#### **15:00 ON THE EDGE OF METAMODERNITY? 'THIRD WAY'-EPISTEMOLOGIES IN ARCHAEOLOGY**

Heitz, Caroline (University of Bern, Institute of Archaeological Sciences)

#### **15:15 ARE WE CREATING OUR PAST? - REFLECTIONS ON BEHAVIOURAL MODELLING**

Giroto, Chiara (Goethe University Frankfurt)

#### **15:30 SHADOWS OF A PAST AS WISHED FOR: HUMAN NATURE, STARTING ASSUMPTIONS, AND THE PROBLEM OF BEHAVIOURAL UNIFORMITARIANISM IN ARCHAEOLOGY**

Taylor, Timothy (University of Vienna; Journal of World Prehistory)

#### **15:45 DISCUSSION SLOT**

#### **16:30 ON THE CONCEPTS OF POWER AND VIOLENCE**

Arponen, VPJ (Institut fuer Ur- und Fruehgeschichte Kiel)

#### **16:45 IS THE PAST THE SAME AS THE PRESENT?**

Rivers, Ray - Evans, Tim (Imperial College London)

#### **17:00 PEACE, JOY AND PANCAKES? THE ACTUAL STATE OF GENDER ARCHAEOLOGY**

Koch, Julia Katharina (Kiel University)

**17:15 GERMAN ARCHAEOLOGY AND INTEGRATIVE RESEARCH: REFLECTIONS ON DEVELOPING COLLABORATIVE RESEARCH PROJECTS**

Hofmann, Kerstin (RGK - Romano-Germanic Commission DAI)

**17:30 NEW TRACEOLOGY, MORPHOTRACOGENESIS THEORY, AND THE EARTH'S ARCHAEOSPHERE**

Pankovskiy, Valentyn (Institute of Archaeology Ukrainian Academy of Sciences - Kyiv)

**17:45 MODELING OF LANDSCAPE EXPLOITATION IN THE MEDIEVAL TRANS-URALS**

Matveeva, Natalia - Tret'yakov, Yeugeny (Tyumen state university)

**18:00 HOW DO I MODEL URBAN MOVEMENT?**

Crawford, Katherine (University of Southampton)

**18:15 DISCUSSION SLOT**

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**399 CULTURE CONTACT IN THE GREEK MEDITERRANEAN**

**ROOM:** UB4G

**TIME:** 9:15 - 13:00

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Kyle, Britney (University of Northern Colorado) - Reitsema, Laurie (University of Georgia) - Saltini Semerari, Giulia (Eberhard Karls Universität Tübingen)

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**ABSTRACTS**

**9:15 THE IMPACT OF BECOMING A COLONY: A BIOARCHAEOLOGICAL STUDY OF RESILIENCE AND ADAPTATION IN NORTHERN AEGEAN POPULATIONS (8TH-5TH C. BC)**

Zisis, Anastasios - Vika, Efrossini - Papageorgopoulou, Christina (Democritus University of Thrace)

**9:30 PROJECT AMICI: BIOLOGICAL AND CONSTRUCTED IDENTITIES IN THE GULF OF TARANTO**

Saltini Semerari, Giulia (Eberhard Karls Universiteit Tübingen)

**9:45 PUTTING OUR HEADS TOGETHER: CRANIAL NONMETRIC TRAITS AND RELATEDNESS IN GREEK SICILY**

Sulosky Weaver, Carrie (University of Pittsburgh)

**10:00 STATUS AND REPRESENTATION IN EARLY ARCHAIC MYLAI**

Buckingham, Emma (The University of North Carolina at Chapel Hill)

**10:15 DISCUSSION SLOT**

**11:00 EXPLORING BIOLOGICAL AND CULTURAL IDENTITY AT THE GREEK COLONY OF HIMERA (SICILY) USING NONMETRIC DENTAL VARIATION**

Kyle, Britney (University of Northern Colorado) - Poston, Alexander (Reed College)

**11:15 THE GREEK COLONY OF HIMERA, A PLACE OF CONTACT AND CROSSROADS OF DIFFERENT CULTURES AND PEOPLES**

Vassallo, Stefano (Soprintendenza di Palermo)

**11:30 DIET AND DIVERSITY AT THE ANCIENT GREEK COLONY, HIMERA (648 - 409 BCE)**

Reitsema, Laurie - Reinberger, Katherine (University of Georgia)

**11:45 AN ISOTOPE-BASED APPROACH TO RECONSTRUCTING THE DYNAMICS OF ANCIENT GREEK LIFEWAYS**

Fernandes, Ricardo (Max Planck Institute for the Science of Human History; McDonald Institute for Archaeological Research) - Salesse, Kevin (Université Libre de Bruxelles, Research Unif of Anthropology and Human Genetics; Université de Bordeaux, CNRS, UMR 5199: "PACEA - De la Préhistoire à l'Actuel: Culture)

**12:00 EASTERN FEATURES IN THE ELEMENTS OF THE ARCHAIC BOSPORUS. NEW RESEARCH**

Rukavishnikova, Irina (Institute of Archaeology Russian Academy of Sciences)

**12:15 HANDMADE VERSUS WHEEL-MADE POTTERY**

Tsetskhladze, Gocha (Linacre College, Oxford)

**12:30 MIGRATION AND DIETARY TRADITIONS IN THE PHOENICIAN AND PUNIC WEST MEDITERRANEAN: CASE STUDIES FROM IBIZA AND SARDINIA**

Van Dommelen, Peter (Brown University)

**12:45 DISCUSSION SLOT**

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**419 MAGIC IN PREHISTORY**

**ROOM:** UB207

**TIME:** 11:00 - 16:00

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Nimura, Courtney (Griffith University) - Gosden, Chris (University of Oxford)

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**ABSTRACTS****11:00 MAGIC AND PREHISTORIC MODELS OF CAUSE AND EFFECT**

Nimura, Courtney (Griffith University; University of Oxford) - Gosden, Chris (University of Oxford)

**11:15 PREHISTORIC METALLURGY BETWEEN MAGIC AND TECHNOLOGY**

Gošić, Milena (Department of Archaeology, University of Belgrade)

**11:30 MAGIC, LIMINAL RITUALS, AND NECROPHOBIA IN PREHISTORIC FRANCE: A COMPLEX APPROACH**

Gonzalez Alaña, Ian (Université Paul Valéry Montpellier- UMR5140 CNRS)

**11:45 THE MAGIC OF SMALL THINGS – ‘STRUCTURED DEPOSITION’ IN THE EARLY NEOLITHIC LINEARBANDKERAMIK**

Hofmann, Daniela (Hamburg University)

**12:00 ANCIENT FUNERARY MOUNDS AND TRADITIONAL MASTER SPIRITS OF THE PLACE: ANIMATED LANDSCAPES IN THE MONGOLIAN ALTAI**

Dal Zovo, Cecilia (Incipit-CSIC; Institute of Turkic Studies, Freie Universität Berlin)

**12:15 IRISH AND BRITISH PASSAGE TOMBS: DIVINATION AND AFTER-DEATH COMMUNICATIONS**

McVeigh, Thor (National University of Ireland Galway)

**12:30 MAGIC AND MATERIAL AGENCY IN BRONZE AGE BRITAIN**

Bruck, Joanna (University of Bristol)

**12:45 DISCUSSION SLOT****14:00 TIME, CIRCUMSTANCE, AND...MAGIC? EXPLORING FORTUNE AND CONTINGENCY IN THE MATERIALS OF THE EURASIAN STEPPE BRONZE AGE**

Johnson, James (University of Copenhagen)

**14:15 HUNTING MAGIC. IS IT MAGIC, OR JUST A PART OF THE HUNTING?**

Paczkowski, Michal (State Archaeological Museum in Warsaw)

**14:30 THE BABY IN THE BRICK: DEATH, CONSTRUCTION AND MAGIC AT NEOLITHIC ÇATALHÖYÜK**

Kay, Kevin (University of Cambridge)

**14:45 ELEMENTAL MAGIC IN MINOAN CRETE**

Tittl, Larissa (The University of Melbourne)

**15:00 THE PLACE OF „CONOPA“ IN THE ANDEAN LATE HORIZON (1400 - 1532 AD)**

Siveroni, Viviana (Institute of Archaeology, UCL)

**15:15 DISCUSSION SLOT****POSTERS****a. BONE-TEMPERED POTTERY OF THE TRB COMMUNITIES FROM THE POLISH LAND. A VIEW FROM KAŁDUS (N POLAND)**

Adamczak, Kamil (Institute of Archaeology, Nicolaus Copernicus University in Torun)

## 429 CURRENT APPROACHES TO TELLS AND TELL-LIKE SITES IN THE PREHISTORIC OLD WORLD

ROOM: UB206

TIME: 14:00 - 18:30

THEME: The archaeology of material culture, bodies and landscapes

FORMAT: Regular session

ORGANISERS: Blanco-González, Antonio (Grupo PREHUSAL, Universidad de Salamanca) - Kienlin, Tobias L. (Institut fuer Ur- und Fruehgeschichte, Universitaet zu Koeln)

### ABSTRACTS

#### 14:00 THE MESSINESS OF EVERYDAY LIFE. REFLECTIONS ON SITE FORMATION PROCESSES AT THE BRONZE AGE TELL OF SZÁZHALOMBATTA-FÖLDVÁR, HUNGARY

Sofaer, Joanna (University of Southampton) - Sørensen, Marie Louise (University of Cambridge; University of Leiden) - Vicze, Magdolna (Matrica Museum, Százhalombatta)

#### 14:15 MULTI-LAYERED SETTLEMENT IN KAKUCS-TURJÁN MÖGÖTT: A BOTTOM-UP APPROACH TO MIDDLE BRONZE AGE SETTLEMENTS IN HUNGARY

Staniuk, Robert (Graduate School "Human Development in Landscapes") - Jaeger, Mateusz (Uniwersytet im. Adama Mickiewicza w Poznaniu) - Kulcsár, Gabriella (Magyar Tudományos Akadémia) - Taylor, Nicole (Christian-Albrechts-Universität zu Kiel; Johanna-Mestorf-Academy; Graduate School "Human Development in Landscapes") - Niebieszczański, Jakub (Uniwersytet im. Adama Mickiewicza w Poznaniu) - Pető, Ákos (Szent István University)

#### 14:30 GEOPHYSICAL AND GEOCHEMICAL SIGNATURES OF THESSALIAN TELL-SITES: CHARACTERISING SITE STRUCTURES AND FUNCTION USING MINIMALLY INVASIVE METHODS

Cuenca-Garcia, Carmen (NTNU) - Jrad, Abir (University of Gabès) - Karampatsou, Georgia (Technical University of Crete) - Sarris, Apostolos (Laboratory of Geophysical - Satellite Remote Sensing & Archaeo-environment Foundation for Research & Technology, Hellas - F.O.R.T.H., Institute for Mediterranean Studies - I.M.S.)

#### 14:45 THE BIRTH OF THE BRONZE AGE TELL AND TELL-LIKE SETTLEMENTS IN THE EASTERN CARPATHIAN BASIN. CASE STUDIES: TOBOLIU AND SÂNTION

Gavan, Alexandra - Lie, Marian Adrian (Institut für Ur- und Frühgeschichte Universität zu Köln) - Fazecaş, Gruia (Țăriei Crişurilor Museum) - Cordoş, Cristina (Iaşi Institute of Archaeology) - Kienlin, Tobias (Institut für Ur- und Frühgeschichte Universität zu Köln) - Gogâltan, Florin (Institute of Archaeology and Art History Cluj-Napoca)

#### 15:00 SUBSISTENCE ACTIVITIES AND SYMBOLIC PRACTICES IN A NEOLITHIC TELL-LIKE SETTLEMENT OF THE GREAT HUNGARIAN PLAIN (ÖCSÖD-KOVÁSHALOM)

Füzesi, András - Raczky, Pál (Eötvös Loránd University Faculty of Humanities)

#### 15:15 POPULATION SIZE, AGRO-PRODUCTION, AND COLLAPSE IN THREE TELL SITES FROM THE CARPATHIAN BASIN

Duffy, Paul Regis (University of Toronto) - Czukor, Péter (Móra Ferenc Múzeum)

**15:30 DEEPLY STRATIFIED SITES FROM CENTRAL IBERIA: COLLATING THE MANCHA BRONZE AGE AND THE EARLY IRON AGE DUERO BASIN**

Blanco-González, Antonio (Universidad de Salamanca)

**15:45 DISCUSSION SLOT**

**16:30 TELL FROM DATA: LARGE-SAMPLE APPROACHES TO PREHISTORIC SETTLEMENT LAYER BUILDUP IN THE NEAR EAST AND EUROPE**

Rosenstock, Eva - Schier, Wolfram (Freie Universität Berlin, Institut für Prähistorische Archäologie)

**16:45 RE-DISCOVERING THE NEOLITHIC LANDSCAPES OF WESTERN THESSALY, CENTRAL GREECE**

Krahtopoulou, Athanasia (Ephorate of Antiquities of Karditsa, Hellenic Ministry of Culture & Sports) - Orengo, Hector (McDonald Institute for Archaeological Research, University of Cambridge) - Frederick, Charles (Department of Geography and the Environment, University of Texas at Austin) - Dimoula, Anastasia - Saridaki, Niki (Department of History & Archaeology, Aristotle University of Thessaloniki) - Garcia, Arnau (McDonald Institute for Archaeological Research, University of Cambridge) - Kyrillidou, Stella (Department of History & Archaeology, Aristotle University of Thessaloniki)

**17:00 FLAT SETTLEMENTS AND TELLS: NEW DATA REGARDING MULTI-COMPONENT SITES OF THE GREAT HUNGARIAN PLAIN FROM BORDOS, SERBIAN VOJVODINA (5200-4500 BCE)**

Hofmann, Robert (Kiel University, Institute for Pre- and Protohistoric Archaeology; Kiel University, CRC 1266: „Scales of Transformation - Human-Environmental Interaction in Prehistoric and Archaic Societies“) - Medović, Aleksandar (Museum of Vojvodina Novi Sad) - Medović, Ildiko (Novi Sad) - Stanković-Pešterac, Tijana (Museum of Vojvodina Novi Sad) - Dreibrodt, Stefan (Kiel University, Institute for Ecosystem Research; Kiel University, CRC 1266: „Scales of Transformation - Human-Environmental Interaction in Prehistoric and Archaic Societies“) - Hofmann, Antonia (HTW Berlin, University of Applied Science, School of Design and Culture) - Furholt, Martin (Kiel University, Institute for Pre- and Protohistoric Archaeology)

**17:15 EXPLORING THE BRONZE AGE TELLS AND TELL-LIKE SETTLEMENTS FROM THE EASTERN CARPATHIAN BASIN. RESULTS OF A RESEARCH PROJECT**

Gogaltan, Florin (Institute of Archaeology and Art History Cluj-Napoca) - Fazecaş, Gruia (Țării Crișurilor Museum) - Găvan, Alexandra - Lie, Marian Adrian (Institut für Ur- und Frühgeschichte Universität zu Köln) - Cordoş, Cristina (Iași Institute of Archaeology)

**17:30 BRONZE AGE TELLS IN THE POLGÁR MICRO-REGION (NORTHEAST-HUNGARY)**

Dani, Janos (Déri Múzeum) - Márkus, Gábor (Archeodata 1998 Bt.) - Bálint, Marianna (Hajdúsági Múzeum) - Bacskai, István (Pelta Bt.)

**17:45 TELLS (AND FLAT SITES) AS SOCIAL AGENTS**

Souvatzis, Stella (Hellenic Open University)

**18:00 DISCUSSION SLOT**

- a. **FROM FLOORS TO MIDDENS AND BACK AGAIN - LIFE ON THE BRONZE AGE TELL BORSODIVÁNKA-NAGYHALOM (HUNGARY)**  
Röpke, Astrid - Zerl, Tanja - Nolde, Nadine (Ur- und Frühgeschichte, Universität zu Köln)  
- Pusztainé Fischl, Klára (Miskolci Egyetem) - Kienlin, Tobias (Ur- und Frühgeschichte, Universität zu Köln)

## 442 PAN-DISCIPLINARY RESEARCH AND THE FUTURE ROLE FOR ARCHAEOLOGY

ROOM: UB105

TIME: 16:30 - 18:30

THEME: Theories and methods in archaeological sciences

FORMAT: Discussion session

ORGANISERS: Damm, Charlotte (Arctic University of Norway) - Burström, Mats (University of Stockholm)

## ABSTRACTS

- 16:30 BEYOND THE ANTHROPOCENE: AN ARCHAEOLOGY OF THE CONTEMPORARY WORLD**  
González-Ruibal, Alfredo (Incipit-CSIC)
- 16:45 ARCHAEOLOGY AND THE FORENSIC TURN IN THE HUMANITIES**  
Domanska, Ewa (Department of History, Adam Mickiewicz University in Poznan)
- 17:00 TRANSDISCIPLINARY ARCHAEOLOGY AND THE FUTURE OF ARCHAEOLOGICAL PRACTICE: PORTABLE SCIENCE, CITIZEN SCIENCE, ETHICAL SCIENCE**  
Milek, Karen (Department of Archaeology, Durham University)
- 17:15 TOWARD A PROBLEMATIZING, INTELLECTUAL, AND TRANS-DISCIPLINARY ARCHAEOLOGY**  
Nilsson Stutz, Liv (Department of Anthropology, Emory University; Linnaeus University)
- 17:30 BECOMING ARCHAEOLOGICAL: WHICH SIZE OF BRUSH?**  
Tringham, Ruth (Dept. of Anthropology, Univ. of California)
- 17:45 ARCHAEOLOGY AND THE PAN-DISCIPLINARY FUTURE: AT THE CROSSROADS OF METHOD AND THEORY**  
Damm, Charlotte (Dpt of Archaeology and Social Anthropology, Arctic University of Norway)
- 18:00 DISCUSSION SLOT**

## 460 SEA-PATHWAYS: NEOLITHIC ON LITTORAL ENVIRONMENTS

ROOM: UB305

TIME: 16:30 - 18:30

THEME: Mediterranean seascapes

FORMAT: Regular session

ORGANISERS: Oms Arias, F. Xavier (SERP, Secció de Prehistòria i Arqueologia, Universitat de Barcelona) - Cubas, Miriam (University of York)

### ABSTRACTS

#### 16:30 NEOLITHISATION OF THE COASTAL AND INLAND LLOBREGAT BASIN (NE IBERIA)

Oms Arias, F. Xavier - Daura, Joan (SERP, Universitat de Barcelona) - Sanz, Montserrat (Universidad Complutense de Madrid-ISCI Evolution and Human Behavior Research Group) - Yubero, Maria (SERP, Universitat de Barcelona) - Mestres, Josep (Vinseum, Museu de les Cultures del Vi, Vilafranca del Penedès) - Martín, Araceli (Servei d'Arqueologia i Paleontologia, Generalitat de Catalunya) - Cebrià, Artur (SERP, Universitat de Barcelona)

#### 16:45 THE EBRO BASIN (NE IBERIA) AS AN EARLY RECEPTOR OF COASTAL NEOLITHIC

Laborda, Rafael (Universidad de Zaragoza)

#### 17:00 APPROACHING THE MANAGEMENT OF COASTAL RESOURCES IN THE NEOLITHIC: CASE STUDIES FROM THE BARCELONA PLAIN

Breu, Adrià - Gomez, Anna - Nadal, Jordi - Molist, Miquel (Autonomous University of Barcelona)

#### 17:15 MARINE RESOURCES EXPLOITATION IN THE NEOLITHIC SITES OF THE BAY OF CÁDIZ DURING THE VTH AND IVTH MILLENNIUMS BC

Cantillo Duarte, Juan Jesus - Vijande Vila, Eduardo - Ramos Muñoz, José - Domínguez Bella, Salvador (Universidad de Cádiz) - Cuenca Solana, David (Universidad de Cantabria)

#### 17:30 OPEN AIR SITES IN COASTAL ENVIRONMENTS DURING THE LATE PREHISTORY: URIBE KOSTA (NORTHERN SPAIN)

Cubas, Miriam (Sociedad de Ciencias Aranzadi-University of York) - Ríos-Garaizar, Joseba (Centro Nacional de Investigación sobre la Evolución Humana - CENIEH, Burgos) - Garate-Maidagan, Diego (Instituto Internacional de Investigaciones Prehistóricas de Cantabria - IIIIPC, Gobierno de Cantabria, Santander) - Libano-Silvente, Iñaki - Ugarte-Cuetara, Ander - Vega-López, Sergio - Regalado-Bueno, Encarnación (Edestiaurre Arkeologia Elkartea) - San Emeterio-Gómez, Aixa (Centro Nacional de Investigación sobre la Evolución Humana - CENIEH, Burgos) - Tapia-Sagarna, Jesús (Sociedad de Ciencias Aranzadi) - García-Moreno, Alejandro (Museo de Prehistoria y Arqueología de Cantabria MUPAC)

#### 17:45 EL CAVET (TARRAGONA, NE IBERIA) 5600-3000 CAL BC: NEOLITHIC SETTLEMENT STRATEGIES IN A COASTAL ENVIRONMENT

Marsal, Roser (GRACPE-PROA, Grup de Recerca sobre l'Arqueologia de la Complexitat i els Processos d'evolució Social - Pròxim Orient Antic, Secció de Prehistòria i Arqueologia, Universitat de Barcelona) - Vergès, Josep M. - Fontanals, Marta (IPHES, Institut Català de



Paleoecologia Humana i Evolució Social) - Martinell, Jordi (Departament d'Estratigrafia, Paleontologia i Geociències Marines, Universitat de Barcelona) - Allué, Ethel (IPHES, Institut Català de Paleoecologia Humana i Evolució Social) - Morales, Juan I. - Cebrià, Artur - Pedro, Mireia - Oms, F. Xavier (SERP, Seminari d'Estudis i Recerques Prehistòriques, Secció de Prehistòria i Arqueologia, Universitat de Barcelona)

## 18:00 DISCUSSION SLOT

### POSTERS

**a. THE COASTAL PALAEOENVIRONMENTAL EVOLUTION OF PEGO-OLIVA DURING THE MESOLITHIC-NEOLITHIC TRANSITION (WESTERN MEDITERRANEAN): A CONTRIBUTION TO THE "MARITIME PIONEER COLONIZATION MODEL"**

Brisset, Elodie - Fernández-López de Pablo, Javier (Institut Català de Paleoecologia Humana i Evolució Social - IPHES; Àrea de Prehistòria, Universitat Rovira i Virgili - URV) - Burjachs, Francesc (Institut Català de Paleoecologia Humana i Evolució Social - IPHES; Àrea de Prehistòria, Universitat Rovira i Virgili - URV; ICREA)

## 477 THE ARCHAEOLOGY OF CLIMATE CHANGE IN THE PAST AND PRESENT

**ROOM:** UB4M

**TIME:** 8:30 - 16:00

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Regular session

**ORGANISERS:** Biehl, Peter F (University at Buffalo, SUNY) - Hritz, Carrie (University of Maryland) - Vandrup Martens, Vibeke (NIKU - Norwegian Institute for Cultural Heritage Research) - Rockman, Marcy (National Park Service)

Session co-sponsored by the SAA CCCSAR (Committee on Climate Change Strategies and Arch. Resources) and EAA CCH (Community for Climate Change and Heritage).

### ABSTRACTS

**8:30 WEATHERING THE STORM: CONTEMPORARY ANALOGIES FOR PAST CLIMATES**

Griffiths, Seren (UCLan) - Gearey, Ben (UCC)

**8:45 THE EFFECTS OF VERY SHORT CLIMATE ANOMALIES ON THE IDENTITY DIVERSITY OF EARLY FARMING GROUPS**

Gronenborn, Detlef (Roemisch-Germanisches Zentralmuseum, Mainz; Johannes-Gutenberg University, Mainz) - Wirtz, Kai (Institute for Coastal Research Helmholtz-Zentrum Geesthacht) - Strien, Hans-Christoph (Johannes-Gutenberg-University) - Lemmen, Carsten (Institute for Coastal Research Helmholtz-Zentrum Geesthacht)

- 9:00** **ARCHAEOLOGY OF THE CORE, AND MORE: HOW THE HOLOCENE MARINE TRANSGRESSION AFFECTED THE PREHISTORIC POPULATION IN THE ADRIATIC BASIN**  
Jerbic, Katarina (Flinders University, Adelaide)
- 9:15** **ADAPTATIONS TO LIFE IN A SALT MARSH AREA: THE COASTAL AREA OF THE NORTHERN NETHERLANDS FROM 650 BC**  
Nieuwhof, Annet (University of Groningen)
- 9:30** **IN VINO HEREDITAS: EXPLORING CLIMATE COMMUNICATION AND MITIGATION THROUGH VINEYARD LANDSCAPES**  
Lafrenz Samuels, Kathryn (University of Maryland) - Samuels, Joshua (The Catholic University of America)
- 9:45** **PAST AND FUTURE RESPONSES TO ENSO IN PERU'S CHICAMA VALLEY: MAPPING DISASTER AND MITIGATION WITH ARCHAEOLOGY AND REMOTE SENSING**  
Vining, Benjamin (University of Arkansas)
- 10:00** **CULTURAL HERITAGE AND CHALLENGES AUGMENTED BY CLIMATE CHANGE: RESULTS FROM THE H2020 EU-STORM PROJECT**  
Williamson, Robert (Mellor Archaeological Trust; University of Salford) - Thompson, Adam (University of Salford) - Wit, Rosmarie - Žuvėla-Aloise, Maja (Zentralanstalt für Meteorologie und Geodynamik - ZAMG)
- 10:15** **DISCUSSION SLOT**
- 11:00** **WHAT CAN ERODING COASTAL HERITAGE DO FOR CLIMATE CHANGE RESEARCH? RESULTS AND INSIGHTS FROM SCOTLAND'S COASTAL HERITAGE AT RISK**  
Hambly, Joanna - Dawson, Tom - Graham, Ellie (University of St Andrews; The SCAPE Trust)
- 11:15** **FAR SIGHT: CONTRIBUTING TO RESILIENT COMMUNITIES IN THE FACE OF CLIMATE CHANGE**  
Gibson, Julie (University of Highlands and Islands; Orkney Islands Council) - Downes, Jane - Mainland, Ingrid - Keir, Alison (University of Highlands and Islands)
- 11:30** **THE IMPORTANCE OF HISTORICAL MAPS AND CULTURAL HERITAGE FOR MODERN CLIMATE ADAPTATION STRATEGIES**  
Vreenegoor, Ellen - Bruijn, Gerda (Cultural Heritage Agency of the Netherlands)
- 11:45** **"PLEASE INTEGRATE THE PAST HERE": SUCCESSES, FAILURES, AND RECOMMENDATIONS FROM A YEAR OF REVIEWING CLIMATE DOCUMENTS AS AN ARCHAEOLOGIST**  
Rockman, Marcy (US National Park Service)
- 12:00** **TRACKING CLIMATE CHANGE IMPACTS TO A 19TH CENTURY MINORCAN WELL THROUGH CITIZEN SCIENCE**  
Miller, Sarah - Murray, Emily Jane (Florida Public Archaeology Network)

**12:15 DEVELOPING A TYPOLOGY OF ADAPTION STRATEGIES FOR THE DOCUMENTATION AND PROTECTION OF HISTORIC PLACES ENDANGERED BY CLIMATE CHANGE IMPACTS**

Hermann, Carsten (Historic Environment Scotland) - Boro, Marte (Riksantikvaren) - Haugen, Annika (Norsk institutt for kulturminneforskning) - Sigurðarson, Guðmundur Stefán (Minjastofnun Íslands) - Sonehag, Therese (Riksantikvarieämbetet)

**12:30 MAKING CLIMATE CHANGE RELEVANT: COLLABORATIONS WITH COMMUNITIES ON THE COAST**

Ostrich, Stephanie (CITiZAN - Coastal and Intertidal Zone Archaeological Network; MOLA - Museum of London Archaeology)

**12:45 DISCUSSION SLOT****14:00 FROM SITE VULNERABILITY TO 'DISASTER ARCHAEOLOGY': PERSPECTIVES FROM THE ALOA PROJECT IN THE FRENCH ANTILLES**

Lopez-Romero, Elias (LabEx Sciences Archéologiques de Bordeaux - LaScArBx) - Daire, Marie-Yvane - Martin, Chloë (UMR6566 CReAAH-Univ. Rennes1)

**14:15 ENVIRONMENTAL, SOCIAL AND ECONOMIC CHALLENGES: IMPLICATIONS FOR ARCHAEOLOGY**

Fleming, Arlene (The World Bank)

**14:30 CITIZEN SCIENCE IN THE INTERTIDAL ZONE: TWO CASE STUDIES MONITORING THREATENED ARCHAEOLOGY IN A DYNAMIC ENVIRONMENT**

Johnston, Helen (Thames Discovery Programme, Museum of London Archaeology - MOLA) - Ostrich, Stephanie (CITiZAN, Museum of London Archaeology - MOLA)

**14:45 ARCHAEOLOGY AND ACTIONABLE GOVERNMENT RESULTS FOR CLIMATE CHANGE: STATE OF THE ART VIA THE US GLOBAL CHANGE RESEARCH PROGRAM**

Rockman, Marcy (US National Park Service) - Hritz, Carrie (National Socio-Environmental Synthesis Center, University of Maryland) - Rick, Torben (Smithsonian Institution) - Winthrop, Rob (retired)

**15:00 PRESERVING HERITAGE SITES IN A CHANGING CLIMATE? ARCHAEOLOGY OF CLIMATE CHANGE IN THE PAST AND PRESENT**

Martens, Vibeke (NIKU - Norwegian Institute for Cultural Heritage Research; CCH - EAA Community on Climate Change and Heritage)

**15:15 DISCUSSION SLOT**

## 495 METHODOLOGICAL ADVANCES IN COASTAL AND MARITIME ARCHAEOLOGY

**ROOM:** UB306

**TIME:** 8:30 - 16:00

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Regular session

**ORGANISERS:** Hausmann, Niklas (Institute of Electronic Structure and Laser, Heraklion; Department of Archaeology, University of York; Department of Archaeology, MPI-SHH) - Colonese, André (Department of Archaeology, University of York) - Bailey, Geoff (Department of Archaeology, University of York)

### ABSTRACTS

#### 8:30 ARCHAEOLOGICAL AND CLIMATIC DATA FROM ELEMENTAL RATIOS USING RAPID ANALYSIS OF SHELL CARBONATE

Hausmann, Niklas (Foundation for Research and Technology - Hellas; Department of Archaeology, University of York; Department of Archaeology, MPI-SHH Jena)

#### 8:45 STRUCTURALLY SOUND: SHELL CHEMISTRY AND STRUCTURE IN ARCHAEOLOGICAL INTERPRETATION

Burchell, Meghan (Department of Archaeology, Memorial University; Department of Anthropology, McMaster University) - Poduska, Kristin M. (Department of Physics and Physical Oceanography, Memorial University; Department of Chemistry, Memorial University) - Dusseault, Marisa (Department of Physics and Physical Oceanography, Memorial University) - Grant, David (Microanalytical Facility, CREAT, Memorial University)

#### 9:00 GEOCHEMISTRY OF BIVALVE SHELLS AS INDICATOR OF SHORE POSITION OF THE 2ND C. B.C.

Mouchi, Vincent (ISTeP, Sorbonne University, Paris, France; LECOB, Sorbonne University, Banyuls-sur-mer) - Emmanuel, Laurent (ISTeP, Sorbonne University, Paris) - Forest, Vianney (INRAP-Méditerranée, TRACES-UMR5068-Toulouse) - Rivalan, André (Université Paul Valéry-Montpellier 3, CNRS UMR5140 "ASM")

#### 9:15 MULTI-STAGE INVESTIGATION OF DISCONTINUITIES AND HISTORY IN PACIFIC NORTHWEST COAST SHELL MIDDENS

Cannon, Aubrey (McMaster University)

#### 9:30 COMBINING NON-INVASIVE TOOLS TO INVESTIGATE SHELL MIDDENS

Cariou, Elsa (Institut de Géographie et d'Aménagement Régional de l'Université de Nantes; Laboratoire de Planétologie et de Géodynamique de Nantes, UMR CNRS 6112) - Baltzer, Agnès (Institut de Géographie et d'Aménagement Régional de l'Université de Nantes) - Leparoux, Donatienne (IFSTTAR) - Elliot, Mary - Guivel, Christèle (Laboratoire de Planétologie et de Géodynamique de Nantes, UMR CNRS 6112) - Barbin, Vincent (GEGENA<sup>2</sup>, EA 3795, URCA) - La, Carole (Laboratoire de Planétologie et de Géodynamique de Nantes, UMR CNRS 6112)

**9:45 MONITORING EROSION AT TYBRIND VIG, DENMARK. NEW QUANTITATIVE DATA IN AN OLD DEBATE**

Uldum, Otto (Langelands Museum) - Gregory, David (National Museum of Denmark)

**10:00 REFLECTING FUTURES: SOME ITEMS FOR A RESEARCH AGENDA IN COASTAL ARCHAEOLOGY IN THE NEOTROPICS**

Colonese, Andre Carlo (University of York)

**10:15 DISCUSSION SLOT**

**11:00 LANDSCAPE CHANGES AND MOBILITY OF THE PREHISTORIC COMMUNITIES IN THE WESTERN BLACK SEA COAST (5TH-2ND MILLENNIA BC)**

Voinea, Valentina Mihaela - Dobrinescu, Catalin Ionut (Museum of National History and Archeology of Constanta) - Caraivan, Glicherie (The National Institute of Research and Development for Marine Geology and Geoecology - GeoEcoMar) - Balasescu, Adrian (Institute of Archeology Vasile Parvan, Bucharest) - Radu, Valentin (National History Museum of Romania, Bucharest)

**11:15 INFANT AND CHILDHOOD DIETARY PRACTICES OF THE OLD BERING SEA CULTURE**

Harris, Alison (Archaeological Research Laboratory, Stockholm University; Department of Archaeology, University of York) - Dury, Jack (Archaeological Research Laboratory, Stockholm University; Arctic Centre, University of Groningen) - Alexander, Michelle (Department of Archaeology, University of York) - Dobrovolskaya, Maria (Department of Physical Anthropology, Russian Academy of Sciences) - Eriksson, Gunilla - Lidén, Kerstin (Archaeological Research Laboratory, Stockholm University)

**11:30 OPTIMAL FORAGING MODELS, HUMAN DISPERSAL, AND ADAPTATION IN ISLAND SOUTH EAST ASIA: THE CASE FROM LAILI CAVE, TIMOR-LESTE**

Hawkins, Stuart - Litster, Mirani - O'Connor, Sue (The Australian National University)

**11:45 THE SIGNIFICANCE OF OPEN OCEAN AND TIDAL CURRENTS IN THE EARLY MARITIME MIGRATION TO AUSTRALASIA**

Kuijjer, Eveline - Marsh, Robert - Haigh, Ivan D. - Farr, R. Helen (University of Southampton, Southampton)

**12:00 A PREDICTIVE MODEL FOR TERRESTRIAL AND SUBMERGED LANDSCAPES, MURUJUGA (DAMPIER ARCHIPELAGO), NORTH WEST SHELF, AUSTRALIA**

McDonald, Jo - Veth, Peter (CRAR+M, UWA)

**12:15 DISCUSSION SLOT**

**14:00 ADVANCING SCIENTIFIC METHODOLOGIES FOR THE INVESTIGATION OF SUBMERGED ARCHAEOLOGICAL LANDSCAPE DEPOSITS**

Momber, Garry (Maritime Archaeology Trust; University of York; Maritime Archaeology Ltd) - Rich, Sara (Department of Art, Appalachian State University; Maritime Archaeology Ltd) - Heamagi, Christin - Mason, Brandon (Maritime Archaeology Ltd; Maritime Archaeology Trust) - Gillespie, Jan (Maritime Archaeology Trust)

**14:15 DIVING/COMPUTING: RECONCILING LOW BUDGET AND HIGH IDEALS FOR DIGITAL DIVIDENDS**

Mason, Brandon (Maritime Archaeology Ltd)

**14:30 MARINE ARCHAEOLOGICAL PROSPECTION OF THE BELGIAN NEARSHORE AREA**

MIssiaen, Tine (Flanders Marine Institute) - Marte, Ricardo (Ghent University)

**14:45 NEW RESEARCH ON THE UNDERWATER ARCHAEOLOGICAL REMAINS OF LAKE KOORKÜLÄ'S VALGJÄRV IN SOUTHERN ESTONIA**

Virtanen, Kalle (Helsinki University)

**15:00 UNDERSTANDING HUMAN INTERACTION AND CHANGES IN THE MESOLITHIC AND PALAEO-LITHIC ENVIRONMENTS BY UTILISING GEOTECHNICAL DATA FROM OFFSHORE WIND FARMS**

Heamagi, Christin (Maritime Archaeology Trust)

**15:15 OLD HERITAGE, NEW APPROACHES! HOW ELECTRICAL RESISTIVITY TOMOGRAPHY CAN AID IN THE RECONSTRUCTION OF HISTORY**

Simyrdanis, Kleanthis (Laboratory of Geophysical-Satellite Remote Sensing, Institute for Mediterranean Studies) - Moffat, Ian - Kowlessar, Jarrad - Bailey, Marian (Archaeology, College of Humanities, Arts and Social Sciences, Flinders University) - Papadopoulos, Nikos (Laboratory of Geophysical-Satellite Remote Sensing, Institute for Mediterranean Studies) - Roberts, Amy (Archaeology, College of Humanities, Arts and Social Sciences, Flinders University)

**15:30 DISCUSSION SLOT****POSTERS****a. USING GEOCHEMISTRY OF ARCHAEOLOGICAL SHELLS TO ESTABLISH ENVIRONMENTAL BACKGROUNDS AND MONITOR ANCIENT ANTHROPOGENIC CONTAMINATIONS**

Cariou, Elsa (Institut de Géographie et d'Aménagement Régional de l'Université de Nantes; Laboratoire de Planétologie et de Géodynamique de Nantes, UMR CNRS 6112) - Elliot, Mary - Guivel, Christèle - La, Carole - Lenta, Laurent (Laboratoire de Planétologie et de Géodynamique de Nantes, UMR CNRS 6112)

**b. METHODOLOGICAL DEVELOPMENT IN MARITIME ARCHAEOLOGICAL SITE RECORDING AND SURVEY**

Alvik, Riikka (Finnish Heritage Agency)

**c. RECONSTRUCTING THE INTERNAL ARCHITECTURE OF GIANT MEDIEVAL SHELL MIDDENS WITH THE GROUND PENETRATING RADAR (GPR)**

Baltzer, Agnes (LETG UMR 6554, Institut de Géographie et d'Aménagement Régional de l'Université de Nantes) - Cariou, Elsa (LETG UMR 6554, Institut de Géographie et d'Aménagement Régional de l'Université de Nantes; Université de Nantes, Laboratoire de Planétologie et de Géodynamique, UMR CNRS 6112) - Leparoux, Donatienne (IFSTTAR) - Dupont, Catherine (CRéAAH, UMR 6566)

## 500 OUTCAST ARCHITECTURE: UNUSUAL BUILDINGS AND UNUSUAL BUILDING

ROOM: UB221

TIME: 11:00 - 15:30

THEME: The archaeology of material culture, bodies and landscapes

FORMAT: Regular session

ORGANISERS: Save, Sabrina (Amélie SARL) - Haue, Niels (Historical Museum of Northern Jutland)

### ABSTRACTS

- 11:00 EARLY-NEOLITHIC WOODEN STRUCTURES IN SOUTH-WESTERN EUROPE. ARCHAEOLOGICALLY BASED 3D RECONSTRUCTIONS AT LA DRAGA (BANYOLES, SPAIN)**  
Lopez-Bulto, Oriol - Campana, Ivan (Universitat Autònoma de Barcelona)
- 11:15 ENIGMATIC LATE NEOLITHIC BUILDING AT LA VILLENEUVE-AU-CHATELOT, EASTERN FRANCE: A MULTIPROXI APPROACH TO UNDERSTANDING ITS SPATIAL ORGANISATION**  
Save, Sabrina (Amélie SARL)
- 11:30 AN UNEXPECTED COMPLEXITY FOR THE ARCHITECTURE OF EUROPEAN IRON AGE: THE BUILDINGS OF VALCAMONICA (ITALY)**  
Pierre, Péfau (University of Toulouse Jean Jaurès)
- 11:45 ØKSENHEDE – A RELIGIOUS CENTRAL SITE IN NORTHERN JUTLAND OR AN UNUSUAL FARM?**  
Haue, Niels (Historical Museum of Northern Jutland)
- 12:00 THE TOWER OF TOFTUM NAES – AN OUTSTANDING BUILDING**  
Terkildsen, Kamilla (Viborg Museum)
- 12:15 THE ROMAN VILLA OF NOHEDA: A CASE STUDY OF ARROGANT ARCHITECTURE OF HADRIANIC INSPIRATION**  
Valero Tévar, Miguel Ángel (Universidad de Castilla-La Mancha)
- 12:30 THE CASE OF THE LATE ROMAN INSULA FROM MALOUTENA DISTRICT IN NEA PAPHOS (CYPRUS)**  
Mikocka, Julia (University of Warsaw)
- 12:45 DISCUSSION SLOT**
- 14:00 „MIXED“ ARCHITECTURE : THE CASE OF FONTVIEILLE NECROPOLIS (BOUCHE-DU-RHÔNE, FRANCE) AND THE MEDITERRANEAN STRUCTURES BUILT UNDERGROUND AND IN ELEVATION**  
Porqueddu, Marie-Elise (Aix Marseille Univ, CNRS, Minist Culture, LAMPEA, Aix-en-Provence; Università di Sassari)

**14:15 'OPUS SPICATUM'-PATTERN AND MASONRY TECHNICS OF NORTHERN BLACK SEA REGION: WHEN UNUSUAL BECOMES USUAL**

Oleynik, Tatiana (Institute of Archaeology of the Russian Academy of Sciences)

**14:30 THE ASYLUM AND THE GARDEN CITY: UTOPIAN SUBURBAN MODELS IN THE DESIGN OF SCOTTISH INSTITUTIONS FOR THE INSANE**

Allmond, Gill (Queen's University, Belfast)

**15:00 DISCUSSION SLOT**

**POSTERS**

**a. WORKSHOP OR WASTE-PIT? THE CASE-STUDY OF UNTYPICAL FEATURE FROM YOUNGER ROMAN PERIOD FROM BESSÓW (MAŁOPOLSKA PROVINCE, POLAND)**

Okonska, Magdalena (Institute of Archaeology Jagiellonian University)

**502 EARTHEN ARCHITECTURE AND HABITATION SITES: BUILDING WAYS OF LIFE IN PREHISTORY**

**ROOM:** UB307

**TIME:** 8:30 - 16:00

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Molist, Miquel (Autonomous University of Barcelona) - Gómez, Magdalena (IPHES) - Mateu, Marta (University of Barcelona) - Gómez Bach, Anna (Autonomous University of Barcelona) - Belarte, Carme (ICAC) - Watzet, Julia (INRAP; UMR 5140 ASM) - Jallot, Luc (University of Montpellier)

**ABSTRACTS**

**8:30 THE HABITAT STRUCTURES OF THE LATE NEOLITHIC OF BÒBILA MADURELL-MAS DURAN (SANT QUIRZE DEL VALLÈS)**

Plasencia Figueroa, Xavier - González Marcén, Paloma (CEPAP-Universitat Autònoma de Barcelona)

**8:45 DOMESTIC SPACE. THE EARTHEN ARCHITECTURE IN THE NORTHEAST OF THE IBERIAN PENINSULA DURING THE LATE PREHISTORY**

Mateu, Marta (Universitat de Barcelona. GRAP) - García, Elena (Archaeologist. Universitat de Barcelona; Mines Prehistòriques de Gavà research team)

**9:00 BUILDING WITH COB BALLS. THE SINGULAR EARTH BUILDING EVIDENCES OF THE ARGARIC BRONZE AGE SETTLEMENT OF CARAMORO I (ELCHE, SPAIN)**

Pastor Quiles, María (University of Alicante)



**9:15 DOMESTIC OVENS IN THE BRONZE AGE SETTLEMENTS IN THE NE OF THE IBERIAN PENINSULA: A CONTRIBUTION TO A SOCIO-ECONOMIC APPROACH**

López Melcion, Joan B. (Universitat de Lleida) - Moya Garra, Andreu (Itirta Arqueologia SL) - Alonso Martínez, Natàlia (Universitat de Lleida) - Gallart Fernàndez, Josep (Departament de Cultura Generalitat de Catalunya) - Bergadà Zapata, M. Mercè - Mateu Sagués, Marta (Universitat de Barcelona)

**9:30 SEEKING THE INVISIBLE. EARTHEN ARCHITECTURE IN THE NORTH OF THE IBERIAN PENINSULA**

Ruano Posada, Lucía (Universidad Autónoma de Madrid)

**9:45 SOME NOTES ABOUT A POSSIBLE CHANGE IN THE CONSTRUCTION TECHNIQUE IN THE COPPER-BRONZE SEQUENCE AT THE DOURO VALLEY**

Fonseca de la Torre, Héctor (Universidad de Valladolid)

**10:00 EARTHEN ARCHITECTURES IN THE NURAGIC SARDINIA: THE CASE STUDY OF PALMAVERA (ALGHERO, SASSARI)**

Pais, Marta (Università degli Studi di Sassari)

**10:15 DISCUSSION SLOT**

**11:00 FIRST RESULTS OF THE PROJECT POACEA (PERSPECTIVES ON THE DIFFERENT SPECIES OF ARUNDO/PHRAGMITES AND CASE STUDIES IN EARTHEN ARCHITECTURE)**

Speciale, Claudia (Istituto Nazionale di Geofisica e Vulcanologia) - Di Pascale, Ambre (Université Paul Valéry - Montpellier III, - UMR 5140 Archéologie des Sociétés Méditerranéennes, École Doctorale 60 "Territoires, temps, sociétés et développement", LabEx ARCHIMÈDE - PIA ANR-11-LABX-0032-01) - Liottier, Leonor (Université Paul Valéry - Montpellier III, - UMR 5140 Archéologie des Sociétés Méditerranéennes, École Doctorale 60 "Territoires, temps, sociétés et développement", LabEx ARCHIMÈDE - PIA ANR-11-LABX-0032-01; CEPAM - UMR 7264) - Peinetti, Alessandro (Université Paul Valéry - Montpellier, UMR 5140 Archéologie des Sociétés Méditerranéennes; Labex Archimede) - Giannitrapani, Enrico (Arkeos SC) - Beylier, Alexandre (Université Paul Valéry - Montpellier III, - UMR 5140 Archéologie des Sociétés Méditerranéennes) - Cattani, Maurizio (Università di Bologna) - Jallot, Luc (HDR) - Verlaque, Regine (CNRS, Institut Méditerranéen de Biodiversité et d'Écologie) - Vila, Bruno (Aix-Marseille Université, Institut Méditerranéen de Bioersité et d'Écologie)

**11:15 TRACING THE WORKINGS OF BUILDING TECHNOLOGY ON THE MICRO-REGIONAL LEVEL: THE CASE OF KASTORIA IN NW GREECE**

Kloukinas, Dimitris (Ephorate of Antiquities of Pthiotida & Evrytania, Ministry of Culture)

**11:30 BUILDING IN EARTHEN MATERIALS DURING THE LATE NEOLITHIC IN THE SOUTHWEST PARIS BASIN: A GEOARCHAEOLOGICAL APPROACH**

Onfray, Marylise (UMR 8215 - Trajectoires; Equipe Sol-DMOS, AgroParisTech)

**11:45 EXPLORING NEW METHODS ON SPACE ANALYSIS OF EARTHEN NEOLITHIC ARCHITECTURE: THE CASE STUDY OF KLIMONAS ON CYPRUS**

Mylona, Pantelitsa (UMR 7209, Muséum National d'Histoire Naturelle- CNRS- Sorbonne Universités) - Wattez, Julia (INRAP, UMR 5140- Archéologie des Sociétés Méditerranéennes) - Wils, Patricia (UMS 2700 Muséum National d'Histoire Naturelle - CNRS) - Vigne, Jean-Denis (UMR 7209, Muséum National d'Histoire Naturelle - CNRS- Sorbonne Universités)

**12:00 EARTHEN ARCHITECTURE AND BUILDING TECHNIQUES EMPLOYED IN THE CONSTRUCTION OF CERTAIN RESIDENCES OF MAS CASTELLAR - PONTÓS (NE IBERIAN PENINSULA)**

Asensio, David - Jornet, Rafel (University of Barcelona) - Morer, Jordi (MonlberRocs SL) - Pons, Enriqueta (Museu d'Arqueologia de Catalunya)

**12:15 BUILDING NEW HOMES, EARLY NEOLITHIC EARTHEN ARCHITECTURE AND DOMESTIC SPACES AT THE IBEIRIAN PENINSULA**

Gómez-Puche, Magdalena - Vergès Bosch, Josep Maria - Polo-Diaz, Ana (Institut Català de Paleocologia Humana i Evolució Social - IPHES)

**12:30 ANCESTRAL USE OF PLASTIC NANOCOMPOSITES FOR DURABLE EARTHEN ARCHITECTURE**

Courty, Marie-Agnes (CNRS) - Coqueugniot, Eric (Archeorient UMR 5133 CNRS)

**12:45 DISCUSSION SLOT**

**14:00 SHAPING IN CIRCLE: EARTHEN ARCHITECTURE IN THOLOI AT VII- VI MILLENNIUM CAL BC IN NORTHERN MESOPOTAMIA**

Molist, Miquel - Cruells, Walter - Gomez Bach, Anna (UAB)

**14:15 EVOLUTION OF THE EARTHEN STRUCTURES OF COMBUSTION, SOCIO-ECONOMIC CHANGES OF THE NEOLITHIC LEVANTIN: A HIGHLIGHTED CORRELATION**

Albukaai, Diaa Eddin (Archéorient UMR5133)

**14:30 EXPLORING EARTHEN ARCHITECTURE BY MEANS OF MICROARCHAEOLOGICAL ANALYSES: A CASE STUDY FROM IVTH MILLENNIUM BCE ARSLANTEPE (MALATYA, TURKEY)**

Cereda, Susanna (University of Vienna)

**14:45 CULTURAL RELATIONSHIPS AND TECHNICAL EXCHANGES BETWEEN NORTHERN MESOPOTAMIA AND SOUTHERN CAUCASUS COMMUNITIES DURING THE NEOLITHIC**

Baudouin, Emmanuel (Paris-Sorbonne University)

**15:00 DISCUSSION SLOT**

- a. CONSTRUCTING RELATIONSHIPS AMONG PLACES AND PEOPLE: CONTRIBUTING INFORMATION ON A PREHISTORIC LANDSCAPE**  
Kaltsogianni, Styliani (Aristotle University of Thessaloniki)
- b. DWELLINGS OF THE EARLY IRON AGE IN CENTRAL RUSSIA AND GERMANY: SOME PARALLELS**  
Natalia, Syrovatko (Institute of Archeology of RAS) - Syrovatko, Alexander (Kolomna Archaeological Center)
- c. THE WOOD-EARTHEN ARCHITECTURE OF THE EARLY IRON AGE OF THE TRANS-URALS**  
Tsembalyuk, Svetlana - Berlina, Svetlana (Federal Research Center Tyumen Scientific Center of the SB of the RAS)
- d. EARTHEN BUILDING MATERIALS EVERYWHERE! DETECTION OF EARTH STRUCTURES IN DIFFERENT NEOLITHIC AND BRONZE AGE ITALIAN CONTEXTS**  
Peinetti, Alessandro (Laboratoire Archéologie des Sociétés Méditerranéennes, UMR 5140 - CNRS, Univ. Paul Valéry Montpellier 3, MCC; LabEx Archimede; Università di Bologna) - Boccuccia, Paolo (Soprintendenza Archeologia, belle arti e paesaggio per la città metropolitana di Bologna e le province di Modena, Reggio Emilia e Ferrara) - Cattani, Maurizio - Debandi, Florencia (Università di Bologna) - Gabusi, Rossana (Soprintendenza Archeologia, belle arti e paesaggio per la città metropolitana di Bologna e le province di Modena, Reggio Emilia e Ferrara) - Guidorzi, Giulia (GEA s.r.l.) - Magrì, Alessandra (Università di Bologna) - Miari, Monica (Soprintendenza Archeologia, belle arti e paesaggio per la città metropolitana di Bologna e le province di Modena, Reggio Emilia e Ferrara) - Murgia, Demis (Università di Sassari) - Venturino, Marica (Soprintendenza archeologia, belle arti e paesaggio per le province di Alessandria, Asti e Cuneo)
- e. EARLY NEOLITHIC EARTHEN BUILDING IN THE PARIS BASIN: THE CASE OF TIGERY (ESSONNE, FRANCE)**  
Wattez, Julia - Blaser, Romana (INRAP - National Institute for Preventive Archaeological Research)

## 506 ARCHAEOLOGY OF ROCK-HEWN SITES AND QUARRIES: PEOPLE, STONES AND LANDSCAPES

**ROOM:** UB311

**TIME:** 8:30 - 15:30

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Sciuto, Claudia (MAL - Environmental Archaeology Laboratory, Umeå University) - Lamesa, Anaïs (Institut français d'études anatoliennes, Istanbul) - Whitaker, Katharine Alice (Department of Archaeology, University of Reading)

- 8:30 “WHAT ARE MEN TO ROCK AND MOUNTAINS?”<sup>1</sup> THE INTERDISCIPLINARY CHALLENGE OF ROCK-CUT SITES**  
Sciuto, Claudia (Umea University)
- 8:45 ROCK-CUT CULT PLACES OF EGYPT**  
Takacs, Daniel (University of Warsaw)
- 9:00 BUILDING UNDERGROUND : DIGGING PROCESS OF PREHISTORIC FUNERARY HYPOGEA OF THE WESTERN MEDITERRANEAN**  
Porqueddu, Marie-Elise (Aix Marseille Univ, CNRS, Minist Culture, LAMPEA, Aix-en-Provence; Università di Sassari)
- 9:15 DISCUSSION SLOT**
- 9:30 DIGGING WHERE NATURE HAS ALREADY DUG: THE SOCIAL AND SYMBOLIC IMPORTANCE OF ROCK-HEWN TOMBS IN CENTRAL ITALY**  
Rolfo, Mario Federico (University of Rome „Tor Vergata“) - Achino, Katia Francesca (Institute of Archaeology ZRC SAZU; Quantitative Archaeology Lab, Department of Prehistory, Autonomous University of Barcelona) - Angle, Micaela (Soprintendenza Archeologia del Lazio e dell'Etruria meridionale) - Gatta, Maurizio (Department of Archaeology, BioArch Environment) - Silvestri, Letizia (Durham University, Department of Archaeology)
- 9:45 INVISIBLE BUT NOT LOST. THE RECOVERY OF THE WALL DRAWINGS OF THE HYPOGEUM OF SAN SALVATORE DI SINIS (SARDINIA, ITALY)**  
Trogu, Antonio - Cogoni, Martina - Ranieri, Gaetano - Piroddi, Luca - Loddo, Francesco (University of Cagliari)
- 10:00 THE SEMI-TROGLODYTE CHAPEL OF NOTRE-DAME-DES-SEPT-DORMANTS (MARMOUTIER ABBEY, TOURS, FRANCE)**  
Morleghem, Daniel (UMR 7324 Citeres-LAT) - Lorans, Elisabeth (Université de Tours, UMR 7324 Citeres-LAT)
- 10:15 DISCUSSION SLOT**
- 11:00 CREATING A ROCK-CUT TOMB IN TRADITIONAL TANA TORAJA (SULAWESI, INDONESIA): AN ETHNO-ARCHAEOLOGY OF STONE ECONOMY AND RITUAL**  
Robin, Guillaume (University of Edinburgh) - Adams, Ron (Simon Fraser University)
- 11:15 IF TECHNIQUES HELP DATING A ROCK-CUT MONUMENT...THREE CASE STUDIES**  
Lamesa, Anaïs (French Institute of Anatolian Studies)
- 11:30 STONES FOR LIVING AND LIVING STONES: NEW APPROACH TO THE STUDY OF STONE EXPLOITATION IN AUVERGNE (FRANCE) DURING THE MIDDLE AGES**  
Cocoual, Antoine (W3D's) - Mallard, Constance (Laboratory LAHM, University of Rennes 2)
- 11:45 DISCUSSION SLOT**

**12:00 WHERE AND WHEN IS THE QUARRY? METHODOLOGICAL PROBLEMS IN THE INVESTIGATION OF AN EPHEMERAL QUARRY**

Whitaker, Katy (University of Reading)

**12:15 NOT ALL ABOUT THE QUARRIES?**

Nyland, Astrid (Museum of Archaeology, University of Stavanger)

**12:30 QUARRIES AND CULTS IN THE CYCLADIC ISLANDS: A CASE STUDY OF PAROS AND NAXOS**

Angliker, Erica (Institute of Classical Studies - University of London)

**12:45 DISCUSSION SLOT**

**14:00 METHODS OF STUDYING THE SARCOPHAGI QUARRIES OF THE HIGH MIDDLE AGES IN TOURAINE, POITOU AND BERRY (FRANCE)**

Morleghem, Daniel (UMR 7324 Citeres-LAT)

**14:15 MEDIEVAL QUARRYING TECHNIQUES IN THE MOUNTAIN AREAS (EXAMPLES FROM SW POLAND)**

Lisowska, Ewa (Institute of Archaeology, Wrocław University)

**14:30 USES AND EXPLOITATION OF PLASTER THROUGH LONG DURATION IN CONSTRUCTION IN ILE-DE-FRANCE**

Ivan, Lafarge (Département de la Seine-Saint-Denis)

**14:45 DISCUSSION SLOT**

**POSTERS**

**a. THE MEDIEVAL NECROPOLIS OF PLA DELS ALBATS, OLÈRDOLA (BARCELONA). FIRST RESULTS**

Molist, Núria (Museu d'Arqueologia de Catalunya; Equip de Recerca Arqueològica i arqueomètrica de la Universitat de Barcelona - ERAAUB) - Ripoll, Gisela (Universitat de Barcelona; Equip de Recerca Arqueològica i arqueomètrica de la Universitat de Barcelona - ERAAUB) - Esteve, Xavier (Equip de Recerca Arqueològica i arqueomètrica de la Universitat de Barcelona - ERAAUB)

**b. MEDIEVAL ROCK-CUT WINE PRESSES AND CELLARS IN OLÈRDOLA (BARCELONA). A RECENT DISCOVERY**

Esteve Gràcia, Xavier (Equip de recerca en arqueologia i arqueometria de la Universitat de Barcelona - ERAAUB; Triàde Serveis Culturals) - Molist, Núria (Museu d'Arqueologia de Catalunya; Equip de recerca en arqueologia i arqueometria de la Universitat de Barcelona - ERAAUB) - Ripoll, Gisela (Universitat de Barcelona; Equip de recerca en arqueologia i arqueometria de la Universitat de Barcelona - ERAAUB) - Pecci, Alessandra (Equip de recerca en arqueologia i arqueometria de la Universitat de Barcelona - ERAAUB) - Farré Huguet, Jordi (VINSEUM) - Peña Cervantes, Yolanda (UNED)

## 514 THE DESTRUCTIVE, NON-DESTRUCTIVE, AND NON-INVASIVE: (BIO)ARCHAEOLOGICAL SCIENCES, AND NARRATING THE BODY IN THE ANCIENT EASTERN MEDITERRANEAN AND THE MIDDLE EAST

**ROOM:** UB401

**TIME:** 8:30 - 12:30

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Regular session

**ORGANISERS:** Lorentz, Kirsi (Science and Technology in Archaeology Research Center, The Cyprus Institute) - Büyükkarakaya, Ali Metin (Antropoloji Bölümü, Hacettepe Üniversitesi)

### ABSTRACTS

**8:30 THE DESTRUCTIVE, NON-DESTRUCTIVE, AND NON-INVASIVE: (BIO)ARCHAEOLOGICAL SCIENCES, AND NARRATING THE BODY IN THE ANCIENT EASTERN MEDITERRANEAN AND THE MIDDLE EAST**

Lorentz, Kirsi (The Cyprus Institute) - Büyükkarakaya, Ali Metin (Hacettepe University)

**8:45 SEARCHING FOR MALARIA IN THE EASTERN MEDITERRANEAN**

Gamble, Michelle (Austrian Archaeological Institute at the Austrian Academy of Science) - Loufouma Mbouaka, Alvie (Center for Pathophysiology, Infectiology and Immunology, Medical University of Vienna; Austrian Archaeological Institute at the Austrian Academy of Science) - Maixner, Frank - Zink, Albert (EURAC Research, Institute for Mummies and the Iceman, European Academy of Bolzano/Bozen) - Binder, Michaela (Austrian Archaeological Institute at the Austrian Academy of Science)

**9:00 PRELIMINARY RESULTS OF A MTDNA STUDY ON HUMAN REMAINS FROM ÇİNE-TEPECİK, SOUTHWEST ANATOLIA**

Büyükkarakaya, Ali Metin - Yorulmaz, Sevgi - Eroğlu Çelebi, Serpil - Özdemir, Kameray (Department of Anthropology, Hacettepe University) - Özer, Füsun - Somel, Mehmet (Department of Biological Sciences, Middle East Technical University)

**9:15 DISCUSSION SLOT**

**9:30 HUMAN MOBILITY AT TELL ATCHANA (HATAY PROVINCE, TURKEY) DURING THE LATE BRONZE AGE**

Eisenmann, Stefanie (Department of Genetics, Max Planck Institute for the Science of Human History, Jena) - Ingman, Tara (Koç University) - Yener, K. Aslihan (University of Chicago, Division of Humanities) - Stockhammer, Philipp W. (Institute for Pre- and Protohistoric Archaeology and the Archaeology of the Roman Provinces, Ludwig-Maximilians-University Munich; Department of Genetics, Max Planck Institute for the Science of Human History, Jena)

**9:45 AN ARCHAEOZOOLOGICAL STUDY BY ZOOMS AND STABLE ISOTOPES ON TELL HUMEIDA, A MIDDLE URUK SITE IN THE SYRIAN EUPHRATES VALLEY**

García-Vázquez, Ana - Pérez-Rama, Marta (Instituto Universitario de Xeoloxía, Universidade da Coruña) - Moreno-García, Marta (Instituto de Historia, CCHS-CSIC) - Sanjurjo-Sánchez,

Jorge (Instituto Universitario de Xeoloxía, Universidade da Coruña) - Montero-Fenollós, Juan Luis (Instituto Universitario de Xeoloxía, Universidade da Coruña; Universidade da Coruña, Facultade de Humanidades e Documentación) - Grandal-d'Anglade, Aurora (Instituto Universitario de Xeoloxía, Universidade da Coruña)

**10:00 TIMING AND FREQUENCY OF HEALTH-RELATED STRESS: ASSESSMENT OF 3RD MILLENNIUM BCE SHAHR-E SOKHTE USING DENTAL HISTOLOGY**

Lemmers, Simone (Skeletal Biology Research Centre - SBRC, School of Anthropology and Conservation, University of Kent; The Cyprus Institute - Cyl) - Dirks, Wendy (Department of Anthropology, Durham University) - Reid, Donald (Center for the Advanced Study of Human Paleobiology - CASHP, George Washington University) - Mahoney, Patrick (Skeletal Biology Research Centre - SBRC, School of Anthropology and Conservation, University of Kent) - Sajjadi, Mansoor - Foruzanfar, Farzad (Iranian Center for Archaeological Research - ICAR) - Lorentz, Kirsi (The Cyprus Institute - Cyl)

**10:15 DISCUSSION SLOT**

**11:00 MAPPING METAL ELEMENT LOCALISATION IN ANCIENT HAIR USING SR-XRF: METALS AND HEALTH AT 3RD MILLENNIUM BCE SHAHR-E SOKHTE**

Lorentz, Kirsi (The Cyprus Institute) - Cotte, Marine (ESRF - European Synchrotron Radiation Facility) - Ioannou, Grigoria (The Cyprus Institute) - Foruzanfar, Farzad (ICAR) - Sajjadi, Mansoor (ICAR)

**11:15 OSTEOLOGY OF SUBURBAN HELLENISTIC/ROMAN POPULATIONS OF PAPHOS (CYPRUS) AND ADVANTAGES OF/POTENTIAL FOR SYNCHROTRON RADIATION ENABLED BIOARCHAEOLOGY**

Ioannou, Grigoria (The Cyprus Institute) - Kouali, Margarita (Department of Antiquities of Cyprus) - Lorentz, Kirsi (The Cyprus Institute)

**11:30 RECONSIDERING THE BURIAL PRACTICE FROM AGE-AT-DEATH STRUCTURE IN THE ANCIENT EASTERN MEDITERRANEAN AND THE MIDDLE EAST**

Miyauchi, Yuko (University of Tsukuba) - Lorentz, Kirsi (The Cyprus Institute)

**11:45 FUNERAL PRACTICES AND FOODSTUFF BEHAVIOUR IN THE PRE-POTTERY NEOLITHIC OF CENTRAL JORDAN: EVIDENCE FROM KHARAYSIN AND AIN GHAZAL**

Santana, Jonathan - Millard, Andrew (Department of Archaeology, Durham University) - Ibáñez, Juan José (Spanish National Research Council, Institución Milà y Fontanals) - Muñoz, Juan (Pontifical University of Salamanca) - Rollefson, Gary (Whitman College) - Kafafi, Zeidan - Alrousan, Mohammad (Department of Anthropology, Yarmouk University)

**12:00 DISCUSSION SLOT**

## 531 NEW AND INTERDISCIPLINARY APPROACHES IN RESEARCH INTO THE HUNTER-FISHER-GATHERER STONE AGE ON THE EASTERN SHORES OF THE BALTIC

**ROOM:** UB407

**TIME:** 14:00 - 18:30

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Luebke, Harald (Centre for Baltic and Scandinavian Archaeology - ZBSA Schleswig) - Berzins, Valdis (Institute of Latvian History, University of Riga) - Koivisto, Satu (Archaeological Field Service, National Board of Antiquities; Department of Archaeology, University of Helsinki)

### ABSTRACTS

#### 14:00 SESSION 531 - INTRODUCTION TALK

Luebke, Harald (Centre for Baltic and Scandinavian Archaeology) - Berzins, Valdis (Institute of Latvian History, University of Latvia) - Koivisto, Satu M. (Archaeological Field Services, National Board of Antiquities)

#### 14:15 LATE GLACIAL AND EARLY HOLOCENE SETTLEMENTS IN THE EASTERN BALTIC COASTAL AREA. WHERE TO FIND THEM?

Rimkus, Tomas - Girininkas, Algirdas - Žulkus, Vladas - Daugnora, Linas (Institute of Baltic region history and archaeology, Klaipėda University)

#### 14:30 QUANTIFYING THE SHORELINE CONNECTION OF THE STONE AGE SETTLEMENTS IN SOUTHERN KARELIA (FINLAND)

Sikk, Kaarel (University of Luxembourg) - Kriiska, Aivar (University of Tartu) - Nordqvist, Kerkko (University of Oulu) - Rostedt, Tapani (Independent researcher) - Caruso, Geoffrey (University of Luxembourg)

#### 14:45 SEARCHING FOR INUNDATED HUNTER-FISHER-GATHERER SITES IN LAKE ENVIRONMENTS IN SOUTH-EASTERN FINLAND

Koivisto, Satu (University of Helsinki)

#### 15:00 INTERDISCIPLINARY RESEARCHES OF THE NEOLITHIC PEAT SITES IN THE SOUTHERN SHORE OF LAKE LADOGA (EASTERN BALTIC)

Gusentsova, Tatiana (Autonomous Non-commercial Organization)

#### 15:15 DECIPHERING RIINUKALNS: NEW EVIDENCE FROM A COMPREHENSIVE INVESTIGATION OF LATVIA'S FRESHWATER SHELL MIDDEN

Berzins, Valdis (Centre for Baltic and Scandinavian Archaeology - ZBSA; Institute of Latvian History, University of Latvia) - Luebke, Harald (Centre for Baltic and Scandinavian Archaeology - ZBSA) - Meadows, John (Centre for Baltic and Scandinavian Archaeology - ZBSA; Leibniz Laboratory for Radiometric Dating and Stable Isotope Research, Christian-Albrechts-Universität zu Kiel) - Schmölke, Ulrich (Centre for Baltic and Scandinavian Archaeology - ZBSA) - Zagorska, Ilga (Institute of Latvian History, University of Latvia) - Brinker, Ute (Centre for Baltic and Scandinavian Archaeology - ZBSA) - Ceriņa, Aija (Faculty of



Geography and Earth Sciences, University of Latvia) - Kalniņš, Mārcis (Centre for Baltic and Scandinavian Archaeology - ZBSA; Faculty of History and Philosophy, University of Latvia) - Ritchie, Kenneth (Centre for Baltic and Scandinavian Archaeology - ZBSA) - Rudzīte, Mudīte (Museum of the History of Science and Technology, University of Latvia)

**15:30 NEOLITHIC MOBILE ART OF EASTERN BALTIC: THE VIEW FROM THE EAST.**

Kashina, Ekaterina (State Historical Museum, Moscow)

**15:45 DISCUSSION SLOT**

**16:30 NEW, INTERDISCIPLINARY STUDY OF ANIMAL BONE BEADS FROM ZVEJNIEKI CEMETERY (LATVIA) AND SAKHTYSH II CEMETERY (CENTRAL RUSSIA)**

Macane, Aija (University of Gothenburg)

**16:45 ENIGMATIC T-SHAPED ANTLER AXES OF THE NORTH-EAST EUROPEAN FOREST ZONE - AN UPDATE**

Luebke, Harald (Centre for Baltic and Scandinavian Archaeology) - Vashanau, Aliaksandr (Institute of History, National Academy of Sciences of Belarus) - Rimkus, Tomas (Institute of Baltic Region History and Archaeology, Klaipėda University) - Berzins, Valdis (Institute of Latvian History, University of Latvia) - Butrimas, Adomas (Vilnius Academy of Arts, Institute of Art Research) - Charniauski, Maxim (Institute of History, National Academy of Sciences of Belarus) - Meadows, John (Centre for Baltic and Scandinavian Archaeology; Leibniz Laboratory for Radiometric Dating and Stable Isotope Research, University of Kiel) - Piezonka, Henny (Institute of Prehistory, University of Kiel)

**17:00 LONG-TERM VARIATION IN COMMUNICATION AND SOCIAL RELATIONS DURING THE STONE AGE OF EASTERN BALTIC (10500-6500 BC) - A TECHNOLOGICAL APPROACH**

Damlien, Hege - Berg-Hansen, Inger Marie (Museum of Cultural History University of Oslo) - Kalniņš, Mārcis (Faculty of History and Philosophy, University of Latvia) - Zagorska, Ilga (Institute of Latvian History, University of Latvia) - Schülke, Almut (Museum of Cultural History University of Oslo) - Bērziņš, Valdis (Institute of Latvian History, University of Latvia)

**17:15 EVALUATING THE ORIGINS, MOTIVATIONS AND IMPLICATIONS OF EARLY POTTERY USE BY HUNTER-GATHERERS OF THE EASTERN BALTIC**

Craig, Oliver (University of York)

**17:30 AN «USKELA-LIKE» GROUP OF THE LATE COMB WARE FROM KARELIAN ISTHMUS, NORTH-WEST RUSSIA**

Kholkina, Margarita (A.P. Karpinsky Russian Geological Research Institute - VSEGEI)

**17:45 TRACING THE CHANGES OF HUNTER-GATHERER POTTERY IN WESTERN LITHUANIA, 4400-2700 CAL BC**

Gaižauskas, Lukas (Nature Research Centre, Vilnius)

**18:00 POTTERY USE IN THE SOUTHEASTERN BALTIC FROM THE SUBNEOLITHIC TO THE BRONZE AGE**

Robson, Harry (University of York) - Skipitytė, Raminta (Center for Physical Sciences and Technology) - Piličiauskienė, Giedrė (Faculty of History, Vilnius University) - Lucquin,

Alexandre - Craig, Oliver (University of York) - Heron, Carl (British Museum) - Piličiauskas, Gytis (Lithuanian Institute of History)

**18:15 DISCUSSION SLOT**

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## **532 TEXTILES IN ANCIENT ICONOGRAPHY**

**ROOM:** UB210

**TIME:** 8:30 - 18:30

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Zuchowska, Marta (Institute of Archaeology, University of Warsaw) - Brøns, Cecilie (Harvard Center for Hellenic Studies) - Harris, Susanna (School of Humanities, University of Glasgow)

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### **ABSTRACTS**

**8:30 ANALYZING AND INTERPRETING TEXTILE ORNAMENTS COVERING THE BRONZE AGE ANTHROPOMORPHIC STELE FOUND IN THE MEGALITHIC AREA OF SAINT MARTIN-DE-CORLÉANS (AOSTA)**

Zidda, Gianfranco - Schoenholzer Nichols, Thessy (Regione autonoma Valle d'Aosta)

**8:45 ILLUSTRATING FABRICS AND DRESS IN THE AEGEAN NEOLITHIC**

Sarri, Kalliope (Centre for Textile Research - CTR, Saxo Institute, University of Copenhagen)

**9:00 TEXTILE PRODUCTION IN AEGEAN GLYPTIC. ON INTERPRETING SMALL-SCALE REPRESENTATIONS ON SEALS AND SEALINGS FROM BRONZE AGE GREECE**

Ulanowska, Agata (Institute of Archaeology, University of Warsaw)

**9:15 WHAT DID A 'CARPET' LOOK LIKE? MYCENAEAN TE-PA AND ITS REPRESENTATIONS**

Pierini, Rachele (University of Bologna)

**9:30 CLOTH OR CLOTHING? PROBLEMS OF AMBIGUITY IN AEGEAN LATE BRONZE AGE RELIGIOUS ICONOGRAPHY**

Boloti, Tina (Greek Ministry of Education, Research and Religious Affairs)

**9:45 DISCUSSION SLOT**

**10:00 CLOTHING ON THE ARCHAIC GREEK KORAI: A TEXTILE APPROACH TO ICONOGRAPHY**

Harris, Susanna (University of Glasgow)

**10:15 SAFFRON MANTLES AND "MARKED" DIVINITIES**

Martin, Daphne (Yale University)

**11:00 THE VEIL OF DESPOINA AT LYKOSURA**

Dimopoulou, Sotiria (PhD Student)

- 11:15 GARMENTS OF THE GODS. ON INTERPRETING CLOTHING ON DEPICTIONS FROM THE CLASSICAL PERIOD**  
Streicher, Martin (Classical Archaeology at the Universities of Mainz and Bonn)
- 11:30 WHERE WOULD YOU PUT YOUR CLOTHES? ON DEPICTIONS OF GARMENTS DISPLAYED ON STOOLS IN GREEK VASE-PAINTING**  
Bednarek, Bartłomiej (University of Warsaw; British School at Athens)
- 11:45 FURNITURE TEXTILES IN CLASSICAL AND HELLENISTIC ICONOGRAPHY**  
Andrianou, Demi (National Hellenic Research Foundation)
- 12:00 GREEK GODDESSES AND BEAUTY CONTESTS: DIVINE FASHION**  
Liveri, Angeliki (Greek Ministry of Education, Research and Religious Affairs)
- 12:15 'BEASTIE-STYLE': LITERARY AND ICONOGRAPHICAL EVIDENCE FOR PATTERNED TEXTILES IN ANCIENT GREEK CULTURE**  
Caspers, C.L. (Murmellius Gymnasium)
- 12:30 DISCUSSION SLOT**
- 14:00 TEXTILES IN CLOTHES AND CLOTHS IN THE DIONYSIAC FRESCO IN POMPEII. SIMPLY FASHION OR SEMIOTIC FUNCTION?**  
Lindstrom, Torill Christine (Dept of Psychosocial Science, University of Bergen; SapienCE, Centre for early Sapiens Behaviour, CoE, University of Bergen)
- 14:15 A COLOURFUL PAST: THE RENDERING OF GARMENTS IN ANCIENT GRAECO-ROMAN SCULPTURE**  
Broens, Cecilie (Harvard Center for Hellenic Studies; Ny Carlsberg Glyptotek)
- 14:30 FRINGED CLOTHING IN ROMAN ART**  
Olson, Kelly (University of Western Ontario)
- 14:45 ARACHNE REVISITED: HUBRIS AND TECHNOLOGICAL SOPHISTICATION IN THE FRIEZES OF DOMITIAN'S MINERVA TEMPLE**  
Öhrman, Magdalena (University of Wales Trinity Saint David; Centre for Textile Research, University of Copenhagen)
- 15:00 TEXTILES IN THE ICONOGRAPHY OF ROMAN PALMYRA**  
Zuchowska, Marta (Institute of Archaeology, University of Warsaw)
- 15:15 PIECING TOGETHER IDENTITY: DRESS IN MOSAIC ICONOGRAPHY**  
Place, Amy (University of Leicester)
- 15:30 DISCUSSION SLOT**
- 16:30 FROM TOP OF THE HEAD TO TIP OF THE TOES: APPAREL FOR INTERACTION WITH ALTERNATE WORLDS IN LEVANTINE PREHISTORY**  
Levy, Janet (Ben-Gurion University of the Negev)

**16:45 IS IT A LOOM OR A LYRE: A DUAL READING OF ICONOGRAPHY FROM THE IRON AGE II LEVANT**

Nelson, Thaddeus (Stony Brook University)

**17:00 WORKING CLOTHES FOR ANCIENT MINERS. THE SALTMUMMIES FROM CHEHR?B?D (IRAN) AND THEIR GARMENTS**

Groemer, Karina (Natural History Museum Vienna, Prehistoric Department)

**17:15 THE BODILY POSTURE OF HAND-SPINNING PRACTICE. EVIDENCE FROM ANCIENT WESTERN ASIATIC REPRESENTATIONS AND ETHNOGRAPHIC COMPARISON.**

Schoch, Chiara (Freie Universität Berlin)

**17:30 RE-DRESSING PIABRM - ANCIENT TEXTILE ICONOGRAPHY IN THE SHADOWS OF A CARIAN-EGYPTIAN GRAVE STELA OF THE 6TH CENTURY BC**

Dyer, Joanne (The British Museum, Department of Scientific Research) - Villing, Alexandra - Morton, Kate (The British Museum, Department of Greece and Rome)

**17:45 IDEOLOGY, GENDER AND TEXTILE PRODUCTION: THE DEPICTION OF WOMEN IN THE IBERIAN CULTURE**

Basso Rial, Ricardo (University of Alicante)

**18:00 DISCUSSION SLOT****POSTERS****a. IMAGES IN THE CLAY: THE ICONOGRAPHY OF THE LOOM WEIGHTS OF VILA NOVA DE SÃO PEDRO (AZAMBUJA, PORTUGAL)**

Martins, Andrea (UNIARQ - FLUL; Associação dos Arqueólogos Portugueses) - Morais Arnaud, José (Associação dos Arqueólogos Portugueses) - Costeira, Catarina (UNIARQ - FLUL) - Neves, César - Diniz, Mariana (UNIARQ - FLUL; Associação dos Arqueólogos Portugueses)

**550 CURRENT RESEARCH INTO THE ARCHAEOLOGY OF THE BALTIC REGION**

**ROOM:** UB404

**TIME:** 11:00 - 17:30

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Wadył, Slawomir (Institute of Archaeology, University of Warsaw) - Shiroukhov, Roman (Zentrum für Baltische und Skandinavische Archäologie, Schleswig) - Jahn, Christoph (Museum für Vor- und Frühgeschichte, Berlin)

**11:00 INTRODUCTION: ARCHAEOLOGICAL RESEARCH IN THE BALTIC REGION - DIFFERENT COUNTRIES, VARIOUS APPROACHES, COMMON GOALS**

Wadyl, Slawomir (Institute of Archaeology, University of Warsaw) - Jahn, Christoph (Museum für Vor- und Frühgeschichte, Berlin) - Shiroukhov, Roman (Zentrum für Baltische und Skandinavische Archäologie, Schleswig)

**11:15 PERSONAL LATE NEOLITHIC AMBER AND BONE ADORNMENT OF LAKE LUBANA WETLAND IN SOCIAL AND ECONOMIC CONTEXT**

Loze, Ilse Biruta (Latvian Academy of Science)

**11:30 LOST AND FOUND: NEW RESEARCH ON THE ROMAN AND MIGRATION PERIOD IN EAST PRUSSIA AT THE PRUSSIA-COLLECTION (BERLIN AND KALININGRAD)**

Jahn, Christoph - Szter, Izabela (Museum für Vor- und Frühgeschichte, Berlin)

**11:45 DISCUSSION SLOT**

**12:00 ROMAN INFLUENCES IN THE JEWELRY ART OF WESTERN BALTS ACCORDING TO THE PERSONAL ORNAMENTATION ARTEFACT ASSEMBLAGE IN OPUS INTERRASILE STYLE**

Khomiakova, Olga (Institute of Archaeology of RAS, Moscow)

**12:15 DIETARY ASPECTS OF THE WEST LITHUANIAN PEOPLE WITH REFERENCE TO HOUSEHOLD AND FUNERARY POTTERY**

Bliujiene, Audrone (Klaipeda University) - Matulaitienė, Ieva (-); Garbaras, Andrius (-); Ulozaitė, Regina (-); Bračiulienė, Ramunė (-)

**12:30 URN - ACCESSORY VESSEL - LID. MYSTERIOUS FUNCTION OF BALT CUP IN THE MIGRATION PERIOD**

Nowakowski, Wojciech (Institut of Archaeology, Warsaw University)

**12:45 DISCUSSION SLOT**

**14:00 THE LONG SEVENTH CENTURY. NEW RESEARCH ON THE BEGINNING OF EARLY MIDDLE AGES IN THE MASURIAN LAKE DISTRICT**

Wadyl, Slawomir (Institute of Archaeology, University of Warsaw)

**14:15 MEMORY REMAINS -NØRRE SANDEGÅRD VEST CEMETERY FROM THE LATE GERMANIC IRON AGE**

Czonstke, Karolina (Archaeological Museum in Gdańsk; University of Gdansk) - Świątkowski, Bartosz (University of Gdansk)

**14:30 HERMANN SOMMER AND HIS ARCHIVE FISCHHAUSEN: GAINING NEW INFORMATION FROM A PRE-WAR DATA SOURCE**

Prassolow, Jaroslaw Aleksei (ZBSA)

**14:45 DISCUSSION SLOT**

**15:00 NEW DATING APPROACHES FOR THE LATE IRON AGE OF THE SOUTH-EAST BALTIC REGION**

Shiroukhov, Roman (Zentrum für Baltische und Skandinavische Archäologie Stiftung Schleswig-Holsteinische Landesmuseen Schloss Gottorf)

**15:15 GENOME-WIDE ANCIENT DNA EXPOSES THE TURNING POINTS OF THE FINNISH POPULATION HISTORY**

Majander, Kerttu (Department of Archaeogenetics, Max Planck Institute for the Science of Human History, Jena; Institute for Archaeological Sciences, University of Tübingen; Department of Biosciences, University of Helsinki) - Salmela, Elina (Department of Biosciences, University of Helsinki; Department of Archaeogenetics, Max Planck Institute for the Science of Human History, Jena) - Salo, Kati (Department of Philosophy, History, Culture and Art Studies, University of Helsinki) - Lamnidis, Theseas - Schiffels, Stephan (Department of Archaeogenetics, Max Planck Institute for the Science of Human History, Jena) - Onkamo, Päivi (Department of Biology, University of Turku; Department of Biosciences, University of Helsinki) - Krause, Johannes (Department of Archaeogenetics, Max Planck Institute for the Science of Human History, Jena; Institute for Archaeological Sciences, University of Tübingen)

**15:30 AT THE JUNCTION OF CULTURES- SLAVONIC-SCANDINAVIAN RELATIONS IN THE 10TH AND 11TH CENTURY**

Czonstke, Karolina (Archaeological Museum in Gdańsk; University of Gdansk) - Świątkowski, Bartosz (University of Gdansk)

**15:45 DISCUSSION SLOT**

**16:30 NEW DISCOVERIES ON THE CURONIAN ARCHAEOLOGY USING METAL DETECTORS**

Civilyte, Agne (Lithuanian Institute for History) - Shiroukhov, Roman (Zentrum für baltische und skandinavische Archäologie Schleswig)

**16:45 CREMATION BURIALS BETWEEN THE BARROWS**

Šmigelskas, Ramunas (Association of Lithuanian Archaeology; The Lithuanian Institute of History)

**17:00 DISCUSSION SLOT**

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**551 THE WESTERN MEDITERRANEAN SEA: A CROSSROAD OF OBJECTS, HUMANS AND IDEAS**

**ROOM:** UB4G

**TIME:** 14:00 - 18:00

**THEME:** Mediterranean seascapes

**FORMAT:** Regular session

**ORGANISERS:** Nervi, Cristina (MIUR - Ministero dell'Istruzione dell'Università e della Ricerca) - Soria, Vincenzo (UNIARQ - Centre for Archaeology of the University of Lisbon) - Minetto, Gianluca (UniUPO - University of the Oriental Piedmont)

- 14:00 IBERIAN PENINSULA AND CENTRAL MEDITERRANEAN IN LATE PREHISTORY: THE METAL FINDS FROM THE HOARDS BETWEEN TRADES, SOCIO-CULTURAL SYMBOLISM AND TECHNOLOGY**  
Giardino, Claudio (University of Salento) - Bottaini, Carlo (University of Évora)
- 14:15 LIPARI: THE NECROPOLIS OF CONTRADA DIANA FROM THE ROMAN CONQUEST TO THE LATE-IMPERIAL AGE. NEW DEVELOPMENTS IN SICILIAN FUNERAL ARCHEOLOGY**  
Casella, Valentina (University of Salento; University of Messina)
- 14:30 NOT A PUNIC, NOT YET A ROMAN. SURPLUS TRADE AND TECHNOLOGICAL CHOICES OF THE TURDETANI DURING THE LATE IRON AGE**  
Moreno Megias, Violeta (Universidad de Sevilla)
- 14:45 ETHNIC TIES MOVE IN MYSTERIOUS WAYS: ROME AND THE SARDINIAN MERCENARIES, 238-7 BC**  
Ventós, Gerard (Universitat de Girona)
- 15:00 REVISITING THE TRADE CONNECTIONS BETWEEN CORINTH AND THE PUNIC WEST IN THE CLASSICAL PERIOD: THE ‘CORINTH PUNIC AMPHORA BUILDING PROJECT’**  
Fantuzzi, Leandro (Fitch Laboratory, British School at Athens) - Sáez Romero, Antonio M. (Universidad de Sevilla) - Kiriati, Evangelia (Fitch Laboratory, British School at Athens) - Williams, Charles K. (American School of Classical Studies at Athens)
- 15:15 “THINGS SPEAK AND ACT”: A RECONSIDERATION OF THE ITALIC BLACK-GLOSS TABLEWARE IN PORTUGAL**  
Soria, Vincenzo (Uniarq - Centre for Archaeology of the University of Lisbon)
- 15:30 THE BLACK GLOSS WARE IN THE ROMAN SARDINIA AS A CULTURAL BRIDGE FROM TRADITION TO INNOVATION**  
De Luca, Gianna (Università di Cagliari)
- 15:45 DISCUSSION SLOT**
- 16:30 A PIECE OF AFRICA IN ROMAN SARDINIA. AFRICAN CULTURAL AND ECONOMIC INFLUENCES ON NORA (CAGLIARI SOUTH SARDINIA)**  
Nervi, Cristina (MIUR)
- 16:45 NEW EVIDENCES FOR THE RESEARCH OF THE ROMAN URBANISM OF SAGUNTUM (SPAIN)**  
Benedito-Nuez, Josep (Universitat Jaume I Castellón) - Melchor Monserrat, José Manuel (Museo Arqueológico de Burriana) - Ferrer-Maestro, Juan José (Universitat Jaume I Castellón) - García-García, Francisco - Buchón-Moragues, Fernando - Ferrandis-Montesinos, José (Universitat Politècnica de València)

**17:00 LAGOONS, MARSHES, ESTUARIES AS LOCALES OF ENCOUNTER AND CONFLICT: GEOARCHAEOLOGY IN THE STRAIT OF GIBRALTAR, 1300 CE TO 1540 CE**

Elbl, Martin Malcolm (The Portuguese Studies Review / Baywolf Press / Trent University)

**17:15 DISCUSSION SLOT**

**POSTERS**

- a. ARCHAEOBOTANICAL REMAINS FROM THE MISTRAS LAGOON, CABRAS, SARDINIA**  
Mureddu, Maria - Ucchesu, Mariano (Università degli Studi di Cagliari) - Coradeschi, Genevra (Universidade de Évora) - Bacchetta, Gianluigi - Del Vais, Carla (Università degli Studi di Cagliari)
- b. THE ROMAN VILLA A MARE DE SANT GREGORI IN BURRIANA (CASTELLÓN, SPAIN)**  
Benedito-Nuez, Josep (Universitat Jaume I Castellón) - Melchor Monserrat, José Manuel (Museo Arqueológico de Burriana) - Ferrer-Maestro, Juan José (Universitat Jaume I Castellón) - García-García, Francisco (Universitat Politècnica de València)

**552 THE MALTA CONVENTION: THE TIME TO CHANGE IS NOW**

**ROOM:** UB308

**TIME:** 16:30 - 18:30

**THEME:** Archaeology and the European Year of Cultural Heritage

**FORMAT:** Round table

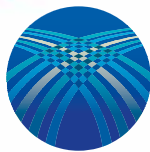
**ORGANISERS:** Guermandi, Maria Pia (Istituto Beni Culturali della Regione Emilia Romagna) - Demoule, Jean-Paul (Professeur émérite de Protohistoire européenne) - Novakovic, Predrag (University of Ljubljana) - Marciniak, Arek (Adam Mickiewicz University Institute of Archaeology)

**SESSION ABSTRACT**

The Malta Convention has already been a subject of reflection for a number of years, at least 10. We can therefore say that we are backed by a rather extensive and up-to-date assessments that show first and foremost that the overall situation is highly fragmented, in terms of both legislative or institutional solutions and the methods applied. In general, we can affirm that despite the indisputable progress in terms of our knowledge of the European archaeological scene and landscape the Convention also raises many critical issues. In addition to the problems inherent in discipline and its practice, in this last quarter of a century the cultural, social and political horizon has changed completely. In many countries the competences of archaeologists are increasingly marginalised when it comes to decision-making processes on the one hand, while on the other overall working conditions have worsened in terms both of pay and protection of the profession. Rewriting the Malta Convention appears to be necessary in light of the experience of the past 25 years, both in order to adapt it in response to the problems that have been highlighted



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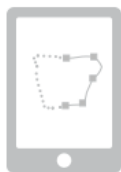
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and even more so to update it and bring it into line with present-day reality (in terms of the discipline's development and above all from a social and political standpoint). The purpose of our session is to propose a first basis for moving in this direction.

## **558 WETLANDS VS. DRYLANDS? CHALLENGING DIVIDES AND CHANGING ARCHAEOLOGICAL PERSPECTIVES ON PREHISTORIC WETLAND SITES, LANDSCAPES AND SOCIETIES**

**ROOM:** CCCB12A

**TIME:** 8:30 - 13:00

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Huisman, Floor (Durham University) - Naumov, Goce (Center for Prehistoric Research / Goce Delčev University)

### **ABSTRACTS**

#### **8:30 WETLANDS VS. DRYLANDS? CHALLENGING DIVIDES AND CHANGING ARCHAEOLOGICAL PERSPECTIVES ON PREHISTORIC WETLAND SITES, LANDSCAPES AND SOCIETIES**

Huisman, Floor (Durham University) - Naumov, Goce (Center for Prehistoric Research; Goce Delčev University)

#### **8:45 A SEMI-DRY DUTCH PREHISTORY?**

Muller, Axel (ADC ArcheoProjecten)

#### **9:00 BEYOND LAKE VILLAGES: INVESTIGATIONS AT BURGAESCHISEE (SWITZERLAND) AND NEW INSIGHTS IN NEOLITHIC SETTLEMENT, LAND USE AND VEGETATION DYNAMICS**

Hafner, Albert (Institute of Archaeological Sciences, University of Bern; Oeschger Centre for Climate Change Research, University of Bern) - Tinner, Willy - Rey, Fabian - Laabs, Julian (Institute of Plant Sciences, University of Bern; Oeschger Centre for Climate Change Research, University of Bern)

#### **9:15 A SPARK IN THE DARK. 'LA MARMOTTA' LAKESHORE VILLAGE IN THE FRAMEWORK OF THE IMPRESSED WARE NEOLITHIC**

Mazzucco, Niccolò (Université Paris Lumières postdoctoral fellow, UMR 7055 PreTech, CNRS / Université Paris Nanterre) - Mineo, Mario (Museo delle Civiltà - Museo Preistorico Etnografico) - Gibaja, Juan Francisco (Archaeology of Social Dynamics group - ASD, Milá i Fontanals Institution - IMF-CSIC) - Mozota, Millán (Archaeology of Social Dynamics group - ASD, Milá i Fontanals Institution - IMF-CSIC) - Gassin, Bernard (TRACES, UMR 5608, CNRS / Université de Toulouse II Jean-Jaurès)

**9:30 WETLAND VS DRYLAND SITES: ANIMAL MANAGEMENT PRACTICES DURING THE EARLY NEOLITHIC IN WESTERN MEDITERRANEAN**

Navarrete, Vanessa - Saña Segui, Maria (Laboratory of Archaeozoology. Universitat Autònoma de Barcelona)

**9:45 TELLS IN WETLANDS: RECONSIDERATION OF LANDSCAPES AND NETWORKS IN THE NEOLITHIC BALKANS**

Naumov, Goce (Museum of Macedonia; Center for Prehistoric Research)

**10:00 DISCUSSION SLOT****11:00 LINKING DRYLAND AND WETLAND AT THE VIVERONE MIDDLE BRONZE PILE-DWELLING SITE**

Jennings, Benjamin (University of Bradford)

**11:15 INVESTIGATING HUMAN OCCUPATION OF LAKESIDE SETTLEMENTS USING PALAEOENTOMOLOGICAL TECHNIQUES; AN IRON AGE CASE STUDY FROM BLACK LOCH OF MYRTON, SCOTLAND**

Davies, Kimberley - Whitehouse, Nicola (Plymouth University) - Allison, Enid (Canterbury Archaeological Trust) - Cavers, Graeme - Crone, Anne (AOC Archaeology Group) - Brown, Antony (University of Southampton)

**11:30 LIVING ON WATER: EARLY IRON AGE LOCH DWELLING AT LOCH TAY, SCOTLAND**

Stratigos, Michael - Cook, Gordon - Hamilton, Derek - Jacobsson, Piotr (SUERC - University of Glasgow)

**11:45 THE PARADOXES OF WETLAND PERCEPTIONS - BEFORE AND PRESENT**

Pantmann, Pernille (Museum of North Zealand)

**12:00 WHY LIVE ON THE LAKESHORE? SOME INTERNATIONAL, INTERDISCIPLINARY AND THEORETICAL THOUGHTS ON THE MATTER**

Verdonkschot, Jadranka (Universität Tübingen; Universidad de Alcalá)

**12:15 DISCUSSION SLOT**

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**561 ARCHAEOLOGICAL INDICATORS FOR THE IDENTIFICATION OF MEDIEVAL JEWISH POPULATIONS**

**ROOM:** UB409

**TIME:** 8:30 - 12:00

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Eiroa, Jorge (Universidad de Murcia) - Milanese, Marco (Università degli Studi di Sassari)



- 8:30 INTRODUCTION TO THE SESSION: ARCHAEOLOGICAL INDICATORS FOR THE IDENTIFICATION OF MEDIEVAL JEWISH POPULATIONS**  
 Eiroa, Jorge (Departamento de Prehistoria, Arqueología, Historia Antigua e Historia Medieval, Universidad de Murcia) - Milanese, Marco (Dipartimento di Storia, Scienze dell'Uomo e della Formazione, Università degli Studi di Sassari)
- 8:45 THE JEWISH QUARTER IN CATALAN ALGERO**  
 Milanese, Marco (University of Sassari - Department of History, Humanities and Education)
- 9:00 HANUKKAH LAMPS: PROPOSAL FOR CLASSIFICATION AND ANALYSIS FROM THE LATE MEDIEVAL CERAMIC FRAGMENTS FOUND IN LORCA (MURCIA, SPAIN)**  
 Eiroa, Jorge (Departamento de Prehistoria, Arqueología, Historia Antigua e Historia Medieval de la Universidad de Murcia) - González, José (Archaeologist)
- 9:15 CERAMIC VESSELS USED FOR THE CELEBRATION OF PASSOVER FROM THE LATE MEDIEVAL JEWISH QUARTER OF LORCA (MURCIA, SPAIN)**  
 González, José (Archaeologist)
- 9:30 ARCHAEOLOGICAL INDICATORS OF THE DAILY LIFE OF THE JEWISH COMMUNITY AT MOTA DE CASTRILLO, (BURGOS, SPAIN)**  
 Negrodo García, María - Palomino Lazaro, Ángel (Patrimonio Inteligente S.L.) - Moreno García, Marta - Peña Chocarro, Leonor - Pérez Jordá, Guillem (Instituto De Historia, CSIC)
- 9:45 THE ARCHAEOLOGY OF THE ROMAN PRAETORIUM AND THE MEDIEVAL JEWISH QUARTER OF COLOGNE**  
 Otten, Thomas (Museum)
- 10:00 THE JEWISH MEDIEVAL CEMETERY OF BOLOGNA: NEW DATA AND CHANCES FOR RESEARCH**  
 Di Stefano, Valentina - Curina, Renata (Soprintendenza Archeologia Belle Arti e Paesaggio di Bologna) - Buonamico, Laura (Cooperativa Archeologia)
- 10:15 DISCUSSION SLOT**
- 11:00 ISAAC PROJECT. ADN ET ISOTOPES: PROPOSING NEW METHODS FOR THE IDENTIFICATION OF MEDIEVAL JEWISH CEMETERIES**  
 Blanchard, Philippe (Inrap; UMR 5199 PACEA; EHESS) - Deguilloux, Marie-France (Bordeaux University; UMR 5199 PACEA) - Herrscher, Estelle (CNRS; UMR 7269 LAMPEA)
- 11:15 FROM HOUSEHOLD WASTE TO HANUKKAH: THE STUDY OF DOMESTIC MATERIAL CULTURE FROM THE VLOOIENBURG DISTRICT IN AMSTERDAM, CA. 1600-1800**  
 Stolk, Marijn (University of Amsterdam)
- 11:30 DISCUSSION SLOT**

## 566 TALES OF ISOTOPES FROM IBERIA: PAST, PRESENT AND FUTURE PERSPECTIVES

**ROOM:** UB310

**TIME:** 11:00 - 18:00

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Regular session

**ORGANISERS:** Salazar García, Domingo Carlos (Department of Human Evolution, Max-Planck Institute for Evolutionary Anthropology; Department of Geological Sciences, University of Cape Town; Grupo de Investigación en Prehistoria IT-622-13 - UPV-EHU / IKERBASQUE-Basque Foundation for Science) - López-Costas, Olalla (Group Earth System Science, Department of Soil Science, Universidade de Santiago de Compostela; Archaeological Research Laboratory, Stockholm University) - Tornero-Dacasa, Carlos (Institute of Human Paleoecology and Social Evolution)

### ABSTRACTS

#### 11:00 RABBITS AS PALEOENVIRONMENTAL PROXIES: A STABLE ISOTOPES ANALYSIS OF RABBIT (*ORYCTOLAGUS CUNICULUS*) TISSUES FROM LAPA DO PICAREIRO (PORTUGAL)

Carvalho, Milena (University of New Mexico; ICArEHB) - Jones, Emily (University of New Mexico) - Meiggs, David (Rochester Institute of Technology) - Benedetti, Michael (University of North Carolina Wilmington) - Haws, Jonathan (University of Louisville)

#### 11:15 PALAEOLITHIC PALEOENVIRONMENTS IN THE CANTABRIAN REGION: INTEGRATING STABLE ISOTOPE ANALYSIS WITH WIDER ENVIRONMENTAL PROXIES

Jones, Jennifer (University of Aberdeen) - Marín-Arroyo, Ana B. (IIIPC, Universidad de Cantabria) - Richards, Michael (Simon Fraser University)

#### 11:30 SERIAL INSIGHTS INTO MESOLITHIC-NEOLITHIC DIETS IN NORTHERN IBERIA: STABLE CARBON AND NITROGEN ISOTOPE ANALYSIS ON SEQUENTIAL DENTINE SECTIONS

Higuero Pliego, Antonio (Grupo de Investigación SCOPE. Instituto Internacional de Investigaciones Prehistóricas de Cantabria - IIIPC. Universidad de Cantabria-Gobierno de Cantabria-Banco Santander) - Salazar-García, Domingo C. (Grupo de Investigación en Prehistoria IT-622-13 - UPV-EHU/IKERBASQUE-Basque Foundation for Science) - Schulting, Rick (School of Archaeology, University of Oxford) - Arias, Pablo (Grupo de Investigación SCOPE. Instituto Internacional de Investigaciones Prehistóricas de Cantabria - IIIPC. Universidad de Cantabria-Gobierno de Cantabria-Banco Santander)

#### 11:45 ORIGINS OF AGRICULTURE IN THE WESTERN MEDITERRANEAN: INSIGHTS FROM $\delta^{13}C$ VALUES OF CEREALS ASSOCIATED TO EARLY NEOLITHIC FARMING

Aguilera, Monica (University of Lleida) - Pèrez, Guillem (CCHS-CSIC) - Ferrio, Juan Pedro (CI-TA-CSIC) - Arous, José Luis (University of Barcelona) - Buxó, Ramón (Museo de Arqueología de Cataluña, Barcelona) - Peña-Chocarro, Leonor (Escuela Española de Historia y Arqueología, CSIC, Rome) - Voltas, Jordi (University of Lleida)



**12:00 ON THE BOUNDARY: FIRST STEPS TO DECIPHER THE LONG-TERM DIETARY CHANGE PRODUCED BY THE INTRODUCTION OF AGRICULTURE IN IBERIA**

Fontanals-Coll, Maria (BioArCh-University of York) - Cubas, Miriam (Department of Archaeology- Sociedad de Ciencias Aranzadi; BioArCh-University of York) - Peyroteo-Stjerna, Rita (Department of Organismal Biology, Uppsala University.) - Colonese, André - Llorente-Rodríguez, Laura - Lucquin, Alex - Craig, Oliver (BioArCh-University of York)

**12:15 MOBILITY IN MOITA DO SEBASTIAO (PORTUGAL) MESOLITHIC HUMAN GROUP. THE ANALYSIS OF 87SR/86SR AND  $\delta^{18}O$**

Díaz-Zorita Bonilla, Marta (Institut für Ur-und Frühgeschichte und Archäologie des Mittelalters, Tübingen Universität) - Subirá, M. Eulália (Departamento de Biología Animal, Biología Vegetal y Ecología. Autonomous University of Barcelona) - Bocherens, Hervé (Institut für Geowissenschaften, Tübingen Universität; Senckenberg Center for Human Evolution and Palaeoenvironment, Tübingen.) - Bicho, Nuno (Universidade do Algarve) - Gibaja, Juan (CSIC. Institution Milá and Fontanals)

**12:30 DISCUSSION SLOT**

**14:00 THE IMPACT OF NEOLITHISATION IN THE DIET OF IBERIAN PREHISTORIC POPULATIONS THROUGH THE ANALYSIS OF  $\delta^{13}C$  AND  $\delta^{15}N$  STABLE ISOTOPES**

Cintas Peña, Marta (University of Seville) - Díaz-Zorita Bonilla, Marta (University of Tübingen)

**14:15 EXPLORING CHALCOLITHIC AND BRONZE AGE DIET AND ANIMAL HUSBANDRY IN THE NE OF THE IBERIAN PENINSULA: AN ISOTOPIC APPROACH**

Viñas, Laura - Saña, Maria (Department of Prehistory, Autonomous University of Barcelona) - Aguilera, Isidro (Museum of Zaragoza) - Alexander, Michelle (BioArCh, Department of Archaeology, University of York)

**14:30 LIFE IN RURAL AND COSMOPOLITAN SPHERES: MULTI-ISOTOPIC INVESTIGATION OF LATE ANTIQUITY POPULATIONS FROM SOUTHERN PORTUGAL**

Maurer, Anne-France - Soberl White, Lucija (HERCULES Laboratory, Evora) - da Conceição Lopes, Maria (Faculty of Arts and Humanities, University of Coimbra) - Alfenim, Rafael (Regional Directorate of Culture of Alentejo, Evora) - Gómez Martinez, Susana - Lopes, Virgilio (Universidade de Coimbra CEAUCP-CAM, Portugal) - Umbelino, Claudia (Research Centre for Anthropology and Health - CIAS, University of Coimbra) - Fernandes, Teresa (School of Technology Sciences, Department of Biology, University of Évora) - Valente, Maria João (Faculty of Human and Social Sciences, University of Algarve) - Barrocas Dias, Cristina (HERCULES Laboratory, Evora)

**14:45 DIETARY SHIFTS AT THE LATE ANTIQUITY TO THE EARLY MIDDLE AGES TRANSITION IN THE NORTHEAST IBERIAN PENINSULA**

Tornero, Carlos (Institute of Human Paleoecology and Social Evolution - IPHES) - Casté, Bruno - Malgosa, Assumpció - Jordana, Xavier ( (Unitat d'Antropologia Biològica, Dept. BABVE, Universitat Autònoma de Barcelona)

**15:00 EXPLORING DIET IN A RURAL COMMUNITY OF THE EARLY MIDDLE AGES: SANTA MARÍA DE TEJUELA (BURGOS)**

Jiménez-Brobeil, Sylvia A. - Maroto, Rosa M. - Laffranchi, Zita (University of Granada) - Delgado Huertas, Antonio (IACT - CSIC)

**15:15 DIET AND HIGH STANDARD OF LIVING IN LUGO CATHEDRAL: ISOTOPIC AND PALAEOPATHOLOGICAL APPROACHES**

López-Costas, Olalla (Group Earth System Sciences - GI-1553, Universidade de Santiago de Compostela; Archaeological Research Laboratory, Stockholm University; Laboratory of Anthropology, Department of Legal Medicine, Toxicology and Physical Anthropology, Faculty of Medicine, University of Granada)

**15:30 DISCUSSION SLOT**

**16:30 LIFE IN A PEASANT COMMUNITY OF THE LATE MIDDLE AGES THROUGH SIA: LA MAGDALENA IN BANIEL (SORIA, SPAIN)**

Grandal-d'Anglade, Aurora (Instituto Universitario de Xeoloxía, Universidade da Coruña) - Muñoz Ugarte, Lucía - Sarkic, Natasa - Herrerín, Jesús (CD Physical Anthropology, Universidad Autónoma de Madrid)

**16:45 COMPARING ISOTOPE DATA BETWEEN HEALTHY AND DISEASED INDIVIDUALS FROM MEDIEVAL TOMAR, PORTUGAL**

Curto, Ana (University of Kent; CIAS) - Mahoney, Patrick (University of Kent) - Maurer, Anne-France - Barrocas-Dias, Cristina (HERCULES Laboratory) - Fernandes, Teresa (University of Évora; CIAS) - Fahy, Geraldine (University of Kent)

**17:00 EATING IN SILENCE: ISOTOPIC APPROACHES TO NUNS' DIET OF THE CONVENT OF SANTA CATALINA DE SIENA (BELMONTE, SPAIN)**

López-Costas, Olalla (Earth System Science research group. Fac. de Bioloxía - Universidade de Santiago de Compostela; Archaeological Research Laboratory, Stockholm University; Laboratory of Anthropology, Department of Legal Medicine, Toxicology and Physical Anthropology, Faculty of Medicine, University of Granada) - Sarkic, Natasa (Dpto. Biología. Facultad de Biología. Universidad Autónoma de Madrid) - Grandal-d'Anglade, Aurora (Instituto Universitario de Xeoloxía, Universidade da Coruña) - Herrerín López, Jesús (Dpto. Biología. Facultad de Biología. Universidad Autónoma de Madrid)

**17:15 TIME TO START AN IBERIAN ARCHAEOISOTOPE ASSOCIATION?**

Salazar García, Domingo Carlos (Grupo de Investigación en Prehistoria IT-622-13 - UPV-EHU/IKERBASQUE-Basque Foundation for Science; Department of Human Evolution, Max-Planck Institute for Evolutionary Anthropology) - López-Costas, Olalla (Group Earth System Sciences - GI-1553, Universidade de Santiago de Compostela; Archaeological Research Laboratory, Stockholm University; Laboratory of Anthropology, Department of Legal Medicine, Toxicology and Physical Anthropology, Faculty of Medicine, University of Granada) - Tornero, Carlos (Institut Català de Paleoecologia Humana i Evolucio Social - IPHES)

**17:30 DISCUSSION SLOT**



- a. CORRELATION BETWEEN STATURE AND STABLE ISOTOPES**  
Maroto, Rosa M. - Roca, María G. - Espinar, Manuel - Román, Carmen M. (University of Granada)
- b. STUDYING ROMAN DIETARY PATTERNS AND MEAL FUNERARY RITUALS IN THE VILA DE MADRID NECROPOLIS (BARCELONA) THROUGH OSTEOLOGICAL AND ISOTOPIC ANALYSES**  
Colominas, Lúdia (Catalan Institut of Classical Archaeology) - Salazar-García, Domingo Carlos (Grupo de Investigación en Prehistoria IT-622-13 - UPV-EHU/IKERBASQUE-Basque Foundation for Science; Department of Geological Sciences, University of Cape Town)

## 567 THE THIRD DIMENSION. ANIMAL REPRESENTATIONS IN THE PAST

**ROOM:** UB212

**TIME:** 8:30 - 17:30

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Zeman-Wisniewska, Katarzyna (Institute of Archaeology, Cardinal Stefan Wyszyński University in Warsaw) - Recht, Laerke (McDonald Institute for Archaeological Research, University of Cambridge) - Agolli, Esmeralda (Department of Archaeology and Culture Heritage, University of Tirana)

## ABSTRACTS

- 8:30 CATEGORIZATIONS OF ANIMAL REPRESENTATIONS IN THE PALAEOLITHIC AND EARLY NEOLITHIC OF SOUTH-EASTERN AND CENTRAL EUROPE**  
Becker, Valeska (Westfälische Wilhelms-Universität Münster)
- 8:45 REALISTIC AND STYLIZED REPRESENTATIONS OF ANIMALS IN THE FOREST MESOLITHIC OF THE UPPER VOLGA REGION (SITE ZAMOSTJE 2)**  
Lozovskaya, Olga (Institute for the History of Material Culture, Russian Academy of Science, Laboratory for Experimental Traceology; Sergiev Posad State History and Art Museum Preserve)
- 9:00 EXTRAORDINARY CREATURES – HOW DO WE IDENTIFY PREHISTORIC ANIMALS?**  
Jonuks, Tonno (Estonian Literary Museum)
- 9:15 DISCUSSION SLOT**
- 9:30 ZOOMORPHIC TERRACOTTAE OF THE HALAF PERIOD. MIRRORING REALITIES OF 6TH AND 5TH MILLENNIUM UPPER MESOPOTAMIAN AGRICULTURAL SOCIETIES OR IMAGINARY FLOCKS?**  
Scheyhing, Nicola (none)
- 9:45 TRANSFORMATIONS OF ANIMAL SYMBOLISM IN ANATOLIA DURING NEOLITHIC PERIOD**  
Türkcan, Ali Umut (Anadolu Üniversitesi)

**10:00 NEOLITHIC VESSELS WITH ANIMAL CHARACTERISTICS: MODIFICATIONS OF MATERIAL CORPOREAL SINGS, NEGOTIATIONS OF CLAY BODYSCAPES**

Voulgari, Evangelia (Laboratory Teaching Staff, Department of Archaeology, School of History and Archaeology, Aristotle University of Thessaloniki)

**10:15 DISCUSSION SLOT**

**11:00 HUMAN-EQUID RELATIONS IN THE ANCIENT NEAR EAST: A VIEW FROM BELOW**

Recht, Laerke (The McDonald Institute for Archaeological Research, University of Cambridge)

**11:15 WHY THE LONG FACE? HORSE HEADRESSES OF THE FROZEN TOMBS OF SIBERIA AND THEIR RELATION TO OWNERSHIP AND TERRITORIALITY**

Stümpel, Anna-Elisa (University of Groningen)

**11:30 DEPICTING THE CAMEL: REPRESENTATIONS AND PERCEPTIONS OF THE DROMEDARY CAMEL IN THE BLACK DESERT ROCK ART OF JORDAN**

Brusgaard, Nathalie (Leiden University)

**11:45 DISCUSSION SLOT**

**12:00 AN EYEWITNESS ACCOUNT OF ICE AGE DEER ON CRETE: THE ASPHENDOU CAVE PETROGLYPHS**

Strasser, Thomas (Providence College) - Murray, Sarah (University of Toronto) - Geer, Alexandra (Naturalis Biodiversity Center) - Ruprecht, Louis (Georgia State University) - Kolb, Christina (Freelance Archaeological Illustrator)

**12:15 ANIMAL AGENCY IN COMMUNAL PRACTICES: REPRESENTATIONS OF BOVINE AND DEERS IN WESTERN SICILY (10TH-6TH CENTURIES BC)**

López-Bertran, Mireia (Universitat de Valencia) - Ferrer, Meritxell (Universitat Pompeu Fabra)

**12:30 HORNS AND AXES**

Whittaker, Helene (University of Gothenburg)

**12:45 DISCUSSION SLOT**

**14:00 COMADREJA, COMADRONA ('WEASEL', 'MIDWIFE'): VOTIVE WEASELS AS LIKELY INDICATORS OF A FEMALE HEALING TRADITION IN MINOAN CRETE**

Zimmermann-Kuoni, Simone (Trinity College Dublin)

**14:15 THE MINOAN MONKEY: OFFSPRING OF THE NEAR EAST?**

Pareja, Marie (University of Pennsylvania; Dickinson College)

**14:30 HOW MANY TENTACLES? OCTO-PUS AND X-PUS IN GREEK BRONZE AGE: A NEW ARCHAEO-ZOOLOGICAL APPROACH**

Alberti, Lucia (Istituto di Studi sul Mediterraneo Antico - CNR Italy) - Bello, Giambattista (University of Bari)

**14:45 DISCUSSION SLOT****15:00 BIRD-SHAPED VESSELS OF BRONZE AGE CYPRUS AS THREE-DIMENSIONAL OBJECTS**

Zeman-Wisniewska, Katarzyna (Institute of Archaeology, Cardinal Stefan Wyszyński University in Warsaw)

**15:15 ANIMAL FIGURES ON 12TH C. BC PICTORIAL POTTERY FROM CYPRUS**

Lekka, Anna (Greek Ministry of Culture)

**15:30 DISCUSSION SLOT****16:30 THE SHAPE OF IT: AESTHETIC CHOICES AND ANIMAL ONTOLOGIES IN SCANDINAVIAN SOUTHERN TRADITION BRONZE AGE ROCK CARVINGS**

Lawrence, Joanna (Department of Archaeology, University of Cambridge)

**16:45 DOGS OF ROMAN BRITAIN: SECULAR, SACRED OR CONSUMED?**

Franicevic, Branka (University of Oxford)

**17:00 DISCUSSION SLOT****POSTERS****a. THE ICONOGRAPHY “FLYING GALLOP” AND ITS REPRESENTATION IN THE BURIAL RATES OF THE EURASIAN BRONZE AGE**

Usmanova, Emma (Buketov Karaganda State University, Saryarka Archaeological Institute)  
- Chechushkov, Igor (Department of Anthropology, University of Pittsburgh)

**b. DISPLAYING SYMBOLS OF POWER – LIONS REPRESENTED ON ARMOUR IN ANCIENT MACEDONIA**

Del Socorro, Nathalie (Université Paris X Nanterre; ArScAn)

**568 FOOD AND DRINK IN ARCHAEOLOGY: MULTIDISCIPLINARY APPROACHES TO PAST FOOD PRACTICES (PART 1)**

**ROOM:** UB408

**TIME:** 8:30 - 13:00

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Regular session

**ORGANISERS:** Hondelink, Merit (University of Groningen) - Delaney, Sarah (University of York) - Champion, Louis (University College of London - UCL; Royal Museum of Central Africa Tervuren- MRAC) - Mayor, Anne (Laboratoire Archéologie et Peuplement de l'Afrique - APA; Unité d'anthropologie du Département de génétique et évolution de l'Université de Genève - GENEV) - Vieugue, Julien (UMR CNRS 7055 Préhistoire & Technologie)



- 8:30 NUTS ABOUT THE MESOLITHIC? EXPERIMENTAL INSIGHTS INTO HAZELNUT TAPHONOMY**  
 Bishop, Rosie (UCD School of Archaeology) - Church, Mike (Department of Archaeology, Durham University) - Warren, Graeme (UCD School of Archaeology)
- 8:45 IDENTIFYING THE DIFFERENT COOKING PRACTICES: CONTRIBUTION FROM THE STUDY OF ETHNOGRAPHIC POTTERY IN AFRICA**  
 Mayor, Anne (Laboratoire Archéologie et peuplement de l'Afrique, Unité d'anthropologie) - Vieugue, Julien (CNRS, Paris X Nanterre) - Regert, Martine (CNRS, CEPAM Nice) - Garnier, Aline (Université de Paris Est Créteil Val de Marne)
- 9:00 LOCAL VITIS EXPLOITATION IN THE SOUTHERN ITALY BRONZE AGE? THE CASE OF GROTTA DI PERTOSA (CAMPANIA, ITALY)**  
 Breglia, Francesco (Scienze del Patrimonio Culturale, Università del Salento; C.R.S.) - Grasso, Anna Maria - Fiorentino, Girolamo (Laboratorio di Archeobotanica e Paleoeologia, Università del Salento)
- 9:15 NEW EVIDENCE ON THE DEVELOPMENT OF MILLET, RICE AND FONIO ECONOMIES IN THE NIGER RIVER BASIN: ARCHAEOBOTANICAL RESULTS FROM MALI**  
 Champion, Louis (University college of London - UCL, Royal Museum of Central Africa - MRAC Belgium)
- 9:30 A MULTIPROXY APPROACH TO THE STUDY OF ROMAN DIETS DURING LATE ANTIQUITY**  
 Fernandes, Ricardo (Max Planck Institute for the Science of Human History; McDonald Institute for Archaeological Research) - Nava, Alessia (Department of Environmental Biology, Sapienza University of Rome) - Hamann, Christian - Larsen, Thomas (Leibniz Laboratory for Radiometric Dating and Stable Isotope Research) - Roberts, Patrick (Department of Archaeology, Max Planck Institute for the Science of Human History) - Wang, Yiming (Leibniz Laboratory for Radiometric Dating and Stable Isotope Research) - Coppa, Alfredo (Department of Environmental Biology, Sapienza University of Rome) - Bondioli, Luca (Service of Bioarchaeology, Museum of Civilizations)
- 9:45 CULINARY PRACTICE AND COMMUNITY LIFE AT KIRIKONGO: MIXED METHODS APPROACHES TO THE ARCHAEOLOGY OF WEST AFRICAN FOODWAYS**  
 Dueppen, Stephen - Gallagher, Daphne (University of Oregon)
- 10:00 DISCUSSION SLOT**
- 11:00 DIET AT THE LUQUE CASTLE (CÓRDOBA, SPAIN) IN THE CONTEXT OF THE MILITARY BORDER IN AL-ANDALUS IN THE 13TH CENTURY**  
 Alonso-Valladares, Moisés (University of Granada) - Valenzuela-Lamas, Silvia (CSIC-IMF)
- 11:15 FISH, FRIARS AND OTHER FOOD STORIES: RECONSTRUCTING DIETSCAPES IN MEDIEVAL ABERDEEN USING STABLE ISOTOPE ANALYSIS**  
 Czére, Orsolya (University of Aberdeen) - Britton, Kate (University of Aberdeen; Max Planck Institute for Evolutionary Anthropology)

**11:30 IDENTIFICATION OF CHARRED MEDIEVAL CARYOPSES**

Mircea, Cristina (Department of Molecular Biology and Biotechnology, Faculty of Biology and Geology, Babes-Bolyai University, Cluj-Napoca; Molecular Biology Center, Interdisciplinary Research Institute on Bio Nano Sciences, Babes-Bolyai University, Cluj-Napoca) - Potârniche, Tiberiu (National History and Archaeology Museum, Constanta) - Mircea, Ioan-Gabriel (Department of Computer Science, Faculty of Mathematics and Informatics, Babes-Bolyai University, Cluj-Napoca) - Rusu, Ioana - Kelemen, Beatrice (Department of Molecular Biology and Biotechnology, Faculty of Biology and Geology, Babes-Bolyai University, Cluj-Napoca, Romania; Molecular Biology Center, Interdisciplinary Research Institute on Bio Nano Sciences, Babes-Bolyai University, Cluj-Napoca)

**11:45 THE DIET OF A HOUSEHOLD IN LATE AND POST-MEDIEVAL BRUSSELS: MULTIDISCIPLINARY ANALYSIS OF CESSPITS FROM CAFÉ GREENWICH, BRUSSELS**

Speleers, Lien - De Cupere, Bea (Royal Belgian Institute of Natural Sciences, OD Earth and History of Life) - Deforce, Koen (Royal Belgian Institute of Natural Sciences, OD Earth and History of Life; Flanders Heritage Institute) - Degraeve, Ann (Department of Archaeological Heritage, Brussels Regional Public Service)

**12:00 TRACING FOOD CULTURE FROM THE CESSPITS OF MEDIEVAL TARTU, ESTONIA**

Haak, Arvi (Tartu City Museum; University of Tartu, Department of Archaeology)

**12:15 FOOD CONSUMPTION AT THE OUDE MANNENHUIS: ARCHAEOBOTANICAL CESSPIT ANALYSIS OF AN EARLY MODERN OLD MEN'S HOME IN DELFT, THE NETHERLANDS**

Hondelink, Merit (University of Groningen)

**12:30 DISCUSSION SLOT****POSTERS****a. POSSIBLE COOKING METHODS FROM THE STUDY OF NEOLITHIC COMBUSTION STRUCTURES IN SYRIA**

Albukaai, Dīaa Eddīn (Archéorient UMR5133)

**b. BOTANICAL EVIDENCE OF MALT FOR BEER PRODUCTION IN 5TH - 7TH CENTURY UPPÅKRA, SWEDEN**

Larsson, Mikael (Lund University)

**c. A MATTER OF FISH ANATOMY IN THE BALTIC SEA**

Kivikero, Hanna (University of Helsinki)

**d. BAKERY IN BARCINO. THE PRESENCE OF ORVIETTO MILLS AND A FURNACE**

Carme, Miró (Servei d'Arqueologia de Barcelona - ICUB) - Peña, Yolanda (UNED) - Huertas, Josefa (Archeologist)

**e. SNAKE ON THE PLATE. CHOSEN ASPECTS OF SNAKE CONSUMPTION IN LATE MEDIEVAL EUROPE**

Wielocha, Ewa (Institute of Archaeology, Nicolaus Copernicus University in Toruń)

## 571 WHAT HAVEN'T YOU FOUND? 'BLANK AREAS' AND THE VALUE OF NEGATIVE EVIDENCE

**ROOM:** UB221

**TIME:** 8:30 - 10:30

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Thomas, Roger M (University of Oxford) - Darvill, Timothy (Bournemouth University) - Luth, Fritz (Deutsches Archäologisches Institut)

### ABSTRACTS

- 8:30 WHAT HAVEN'T YOU FOUND? BLANK AREAS AND THE VALUE OF NEGATIVE EVIDENCE**  
Thomas, Roger (School of Archaeology, University of Oxford) - Darvill, Tim (Bournemouth University) - Lüth, Fritz (Deutsches Archäologisches Institut)
- 8:45 BLANK AREAS IN ARCHAEOLOGY: A TOOL FOR KNOWLEDGE, A FRAMEWORK FOR PLANNING**  
De Davide, Claudia - D'Andrea, Ascanio - Sepio, Daniele - Wicks, David (Akhet srl)
- 9:00 ABSENCE MAKES THE HEART GROW FONDER: IN SEARCH OF MISSING PERIODS IN THE PISIDIAN LAKE DISTRICT USING A GEOSPATIAL APPROACH**  
Willett, Patrick (University at Buffalo; University of Leuven) - Carleton, Chris (Simon Fraser University) - Vandam, Ralf - Poblome, Jeroen (University of Leuven)
- 9:15 MOVING INLAND**  
Evans, Christopher (University of Cambridge)
- 9:30 SIGNIFICANT ABSENCES AROUND EARLY METAL PERIOD LAKESHORE CAIRNS IN FINLAND**  
Saipio, Jarkko (University of Helsinki)
- 9:45 LANDSCAPES BETWEEN SETTLEMENTS: OFF-SITE AREAS AND THE MODELING OF ROMAN AGE SETTLEMENT STRUCTURES IN CENTRAL PANNONIA**  
Vágvölgyi, Bence - Serlegi, Gábor - Marton, Tibor - Jakucs, János - Gortva, Gergely - Oross, Krisztián (Institute of Archaeology, Hungarian Academy of Sciences)
- 10:00 NO ARCHAEOLOGICAL SIGNIFICANCE? 7200 NEGATIVE EXCAVATIONS IN IRELAND**  
McLaughlin, Rowan (Queen's University Belfast)
- 10:15 DISCUSSION SLOT**

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## 576 CLIMATE CHANGE AND HERITAGE (CCH)

**ROOM:** UB309

**TIME:** 16:30 - 18:30

**THEME:** Archaeology and the European Year of Cultural Heritage

**FORMAT:** Discussion session

**ORGANISERS:** Martens, Vibeke (NIKU - Norwegian Institute for Cultural Heritage Research; CCH) - Biehl, Peter F. (University of Buffalo, SUNY; CCH) - Dalen, Elin (Norwegian Directorate of Cultural Heritage; CCH)

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### ABSTRACTS

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#### **16:30 FROM LOCAL TO GLOBAL**

Martens, Vibeke (Norwegian Institute for Cultural Heritage Research)

#### **16:45 WHAT CAN WE DO? ADDRESSING THE CHALLENGES POSED BY CLIMATE CHANGE**

Dawson, Tom - Hambly, Joanna - Graham, Elinor (University of St Andrews; The SCAPE Trust)

#### **17:00 SUPPORTING COMMUNITIES TO ASSESS THEIR HISTORIC PLACES CONCERNING RISKS FOR AND VULNERABILITIES OF THE ENVIRONMENTAL IMPACTS OF CLIMATE CHANGE**

Hermann, Carsten (Historic Environment Scotland) - Boro, Marte (Riksantikvaren) - Haugen, Annika (Norsk institutt for kulturminneforskning) - Sigurðarson, Guðmundur Stefán (Minjastofnun Íslands) - Sonehag, Therese (Riksantikvarieämbetet)

#### **17:15 USING CULTURAL HERITAGE AND HISTORICAL ANALYSES FOR CURRENT AND FUTURE PROBLEMS WITH WATER**

Vreenegoor, Ellen (Cultural Heritage Agency of the Netherlands) - Bruijn, Gerda (Cultural Heritage Agency)

#### **17:30 CLIMATE CHANGE RESEARCH**

Biehl, Peter F (University of Buffalo, SUNY)

#### **17:45 UPDATE ON SAA CCSAR COMMITTEE: CCH ROUNDTABLE**

Jensen, Anne (University of Alaska Fairbanks; Bryn Mawr College/UIC Science LLC)

#### **18:00 DISCUSSION SLOT**

## 596 **TEETH ARE AMAZING! THE CONTRIBUTION OF DENTAL ANTHROPOLOGY IN RECONSTRUCTING LIFESTYLES, SOCIAL BEHAVIORS, HEALTH AND DIET IN THE PAST**

**ROOM:** UB409

**TIME:** 14:00 - 17:30

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Regular session

**ORGANISERS:** Kolp-Godoy, Maria (University of Zurich, Department of Prehistoric Archaeology) - Samplonius Angobaldo, Anton (Odontological Office Torres de San Isidro Golf; Universidad Nacional Mayor de San Marcos) - Power, Robert C. (Ludwig-Maximilians-Universität München, Institut für Vor- und Frühgeschichtliche Archäologie und Provinzialrömische Archäologie; Department of Human Evolution, Max Planck Institute for Evolutionary Anthropology)

### ABSTRACTS

#### **14:00 DIET AND HEALTH STATUS DURING THE LATE PREHISTORY IN EASTERN EUROPE: CASE STUDIES OF IRON AGE COMMUNITIES IN TRANSYLVANIA**

Gál, Szilárd (Romanian Academy. Institute of Archaeology and History of Art of Cluj-Napoca)

#### **14:15 THE RELATIONSHIP OF SOCIAL STATUS AND DIET DURING THE MIGRATION PERIOD AND THE EARLY MEDIEVAL PERIOD IN PRESENT-DAY CZECH REPUBLIC**

Ibrova, Alexandra (Department of Anthropology and Human Genetics, Faculty of Science, Charles University) - Kaupova, Sylva (National Museum, Department of Anthropology) - Stepanovsky, Michal (Department of Computer Systems, Faculty of Information Technology, Czech Technical University in Prague) - Bayle, Priscilla (PACEA - de la Prehistoire a l'Actuel, Cultures, Environnement, Anthropologie, Universite de Bordeaux - Centre National de la Recherche Scientifique, Batiment B8) - Novotna, Adela (Department of Anthropology and Human Genetics, Faculty of Science, Charles University) - Veleminsky, Petr (National Museum, Department of Anthropology) - Polacek, Lumir (Institute of Archaeology of the Academy of Sciences of the Czech Republic) - Smerda, Jaromir (Masaryk Museum in Hodonin) - Velemínska, Jana (Department of Anthropology and Human Genetics, Faculty of Science, Charles University)

#### **14:30 DIET IN CHILDHOOD AND ADULTHOOD IN EARLY MEDIEVAL POPULATION FROM CENTRAL EUROPE (MIKULČICE, 9TH-10TH CENTURY, CZECH REPUBLIC)**

Jílková, Michaela (Charles University) - Kaupová, Sylva (National Museum) - Brůžek, Jaroslav (Charles University) - Poláček, Lumír (Institute of Archaeology of the Czech Academy of Science, Brno) - Velemínský, Petr (National Museum)

#### **14:45 LAST SUPPER! IDENTIFICATION OF VEGETABLE MICRO-RESTS IN SEDIMENT FROM DENTAL CAVITIES AND CALCULUS IN PERUVIAN PRE-CERAMIC PERIODS (BC. 2500)**

Samplonius Angobaldo, Anton (UNMSM) - Kolp-Godoy Allende, Maria (University of Zurich, Department of Prehistoric Archaeology) - Carbonel, Dayanna - Narvaez, Joaquín (Ministerio de Cultura, Peru)



**15:00 DISCUSSION SLOT****15:15 THE USE OF TEETH FOR IDENTIFYING KINSHIP: AN ANALYSIS OF BIOLOGICAL SIMILARITY FROM EARLY MEDIEVAL SKELETAL ASSEMBLAGES**

Stewart, Allison (The University of Central Lancashire)

**15:30 DENTAL MORPHOLOGY ANALYSIS EVIDENCES HUNTER-GATHERER BIOLOGICAL PROFILE'S RETENTION IN FARMER POPULATIONS FROM THE IBERIAN PENINSULA**

López Onaindia, Diego - Coca, Mireia (Grup de Recerca Aplicada al Patrimoni Cultural - GRAPAC. Unitat d'Antropologia Biològica; Departament de Biologia Animal, Biologia Vegetal i Ecologia; Universitat Autònoma de Barcelona) - Schmitt, Aurore (Aurore Schmitt CNRS-UMR 7268 ADES Faculté de Médecine) - Gibaja, Juan F. (Institució Milà i Fontanals - CSIC-IMF, Consejo Superior de Investigaciones Científicas Departament d'Arqueologia i Antropologia) - Subirà, M. Eulàlia (Grup de Recerca Aplicada al Patrimoni Cultural - GRAPAC. Unitat d'Antropologia Biològica; Departament de Biologia Animal, Biologia Vegetal i Ecologia; Universitat Autònoma de Barcelona)

**15:45 A NEW ETIOLOGY OF DENTAL CHIPPING DUE TO BOTTLE CAPS. A PERUVIAN CLINICAL CASE**

Samplonius Angobaldo, Anton (UNMSM; Office Tower Golf of San Isidro) - Kolp-Godoy Allende, Maria (University of Zurich)

**16:30 DENTAL MODIFICATION IN EUROPE DURING THE VIKING AGE**

Ahlstrom Arcini, Caroline (National Historical Museums)

**16:45 DISCUSSION SLOT****604 DWELLING ON THE SHORE: WATER-LEVEL CHANGES IN WETLAND ENVIRONMENTS**

**ROOM:** UB306

**TIME:** 16:30 - 18:30

**THEME:** Mediterranean seascapes

**FORMAT:** Regular session

**ORGANISERS:** Steiner, Bigna (LabEx ARCHIMEDE, Université Paul-Valéry Montpellier 3) - Antolín, Ferran (Integrative Prehistory and Archaeological Science - IPAS, University of Basel) - Ebersbach, Renate (Fachbereich Feuchtbodenarchäologie, Landesamt für Denkmalpflege im Regierungspräsidium Stuttgart)

**ABSTRACTS****16:30 PILE DWELLINGS IN SEMI-AQUATIC ENVIRONMENTS: A PRE-ALPINE PERSPECTIVE ON QUESTIONS OF WATER LEVELS AND ARCHITECTURAL RESPONSES**

Ebersbach, Renate (Landesamt für Denkmalpflege Baden-Württemberg)

**16:45 LAKESIDE SETTLEMENTS AND LAKE LEVEL CHANGES – SUPPOSED THERE WERE ANY**  
Bleicher, Niels (Underwaterarchaeology / DendroLab City Of Zürich)

**17:00 WATER-LEVEL CHANGES AND FORMATION PROCESSES AT THE WATERLOGGED NEOLITHIC SITE OF LA DRAGA (NE IBERIA). A MICROMORPHOLOGICAL APPROACH**  
Andreaki, Vasiliki (Universitat Autònoma de Barcelona; Department of Prehistory)

**17:15 TRANSDISCIPLINARY EVALUATION OF THE NEOLITHIC LAKESHORE SITE ZUG-RIEDMATT (SWITZERLAND)**  
Steiner, Bigna (University Paul Valéry Montpellier 3) - Ismail-Meyer, Kristin - Heitz, Anne-käthi - Schäfer, Marguerita (IPAS, University of Basel) - Sebag, David (University of Rouen) - Gross, Eda - Schaeren, Gishan (Amt für Denkmalpflege und Archäologie, Kanton Zug) - Jacomet, Stefanie - Antolín, Ferran - Rentzel, Philippe (IPAS, University of Basel)

**17:30 DISCUSSION SLOT**

**17:45 FORMATIVE LANDSCAPE ENGAGEMENT ON THE SHORES OF LAKE TITICACA, BOLIVIA THROUGH MULTI-PROXY DATA**  
Hastorf, Christine (University of California Berkeley) - Bruno, Maria (Dickinson College) - Weide, Marie (Kansas State University) - Capriles Flores, Jose (Pennsylvania State University)

**18:00 LANGUEDOC LAGOON ENVIRONMENTS AND MAN: BUILDING A MODERN ANALOGUE DATABASE FOR UNDERSTANDING SEDIMENTATION DYNAMICS AT THE PORT CITY LATTARA**  
Steiner, Bigna (Archéologie des Sociétés Méditerranéennes, University Paul Valéry Montpellier 3) - Grillas, Patrick (Institut de recherche pour la conservation des zones humides méditerranéennes, Tour du Valat) - Rovira, Núria (Archéologie des Sociétés Méditerranéennes, University Paul Valéry Montpellier 3) - Alonso, Natàlia (University of Lleida)

**18:15 DISCUSSION SLOT**

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## **605 TRAINING ARCHAEOLOGISTS FOR TRANSNATIONAL MOBILITY (ANNUAL ROUND TABLE OF THE EAA COMMITTEE ON THE TEACHING AND TRAINING OF ARCHAEOLOGISTS)**

**ROOM:** UB105

**TIME:** 14:00 - 16:00

**THEME:** Archaeology and the European Year of Cultural Heritage

**FORMAT:** Round table

**ORGANISERS:** Karl, Raimund (Bangor University) - Kerr, Sarah (Trinity College Dublin) - Aitchison, Kenneth (Landward Research Ltd.) - Rocks-Macqueen, Doug (Landward Research Ltd.) - Pintucci, Alessandro (Confederazione Italiana Archeologi) - Marciniak, Arek (Adam Mickiewicz University Institute of Archaeology)

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## ABSTRACTS

### **14:00 ACCREDITING DEGREE COURSES IN ARCHAEOLOGY**

Geary, Kate (Chartered Institute for Archaeologists)

### **14:15 TALES OF THE TRANSNATIONALLY MOBILE ARCHAEOLOGIST – AN EARLY CAREER RESEARCHER’S PERSONAL EXPERIENCE**

Moeller, Katharina (Bangor University)

## **630 ADVANCING GLOBAL ROCK ART AS AN ARCHAEOLOGICAL AND A COMMUNITY RESOURCE**

ROOM: UB205

TIME: 16:30 - 18:30

THEME: Theories and methods in archaeological sciences

FORMAT: Regular session

ORGANISERS: Brusgaard, Nathalie (Leiden University) - Hoerman, Rachel (University of Hawaii at Mānoa)

## ABSTRACTS

### **16:30 SESSION INTRODUCTION: ADVANCING GLOBAL ROCK ART AS AN ARCHAEOLOGICAL AND COMMUNITY RESOURCE**

Veth, Peter (University of Western Australia) - Hoerman, Rachel (University of Hawaii at Manoa) - Brusgaard, Nathalie (Faculty of Archaeology, Leiden University)

### **16:45 ROCK ART, CULTURAL HERITAGE, IDENTITY: CONTRASTING PATTERNS IN MOROCCO BETWEEN LOCAL COMMUNITIES AND FIELD ARCHAEOLOGISTS**

Bailly, Maxence (Aix-Marseille Université) - Graff, Gwenola (Institut de Recherche pour le Développement)

### **17:00 ROUTES BEYOND GANDHARA: EARLY BUDDHIST ROCK CARVINGS FROM THE KARAKORUM MOUNTAINS**

van Aerde, Marike (Leiden University)

### **17:15 ROCK ART AS ARCHAEOLOGY: A CASE STUDY FROM THE BLACK DESERT, JORDAN**

Brusgaard, Nathalie (Leiden University)

### **17:30 UAS MAPPING OF A ROCK ART SITE IN THE PACIFIC**

Jalandoni, Andrea (Griffith University) - Kottermair, Maria (University of Guam)

### **17:45 DIGITAL EXPERIMENTATION IN THE AFRICAN ROCK ART IMAGE PROJECT AT THE BRITISH MUSEUM**

Wexler, Jennifer - Galvin, Elizabeth (British Museum)

### **18:00 DISCUSSION SLOT**

## 635 CREATING FOODSCAPES IN COLONIAL AND IMPERIAL CONTEXTS: FOOD, CUISINES AND FOOD ENVIRONMENTS IN GLOBAL PERSPECTIVES

**ROOM:** UB402

**TIME:** 8:30 - 13:00

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Delgado Hervás, Ana (Universitat Pompeu Fabra) - Ferrer Martín, Meritxell (Universitat Pompeu Fabra) - Pezzarossi, Guido (Syracuse University)

### ABSTRACTS

- 8:30 FOODSCAPES IN COLONIAL AND IMPERIAL CONTEXTS: AN OVERVIEW**  
Pezzarossi, Guido (Maxwell Syracuse University) - Delgado, Ana - Ferrer, Meritxell (Universitat Pompeu Fabra)
- 8:45 MILLET, RICE, PEANUTS: FUGITIVE FOODSCAPES AND FRENCH COLONIAL RULE IN RURAL SENEGAL**  
Richard, François (University of Chicago/Anthropology)
- 9:00 THE 19TH-CENTURY CHINESE DIASPORA AND A TRANSPACIFIC SALT FISH FOODSCAPE**  
Kennedy, Jonathan (Tulane University)
- 9:15 FOOD AND CUISINE IN SPANISH COLONIAL GUAM (17TH AND 18TH CENTURIES)**  
Peña-Filiu, Verónica - Monton-Subias, Sandra (Universitat Pompeu Fabra)
- 9:30 FOODSCAPES IN AN EMPORIUM: CONTINUITIES, INNOVATIONS AND GLOCALITIES IN THE CULINARY PRACTICES OF EMPÚRIES (6TH - 4TH CENTURIES BC)**  
Delgado Hervás, Ana - Ferrer Martín, Meritxell (Universitat Pompeu Fabra)
- 9:45 UNDERSTANDING FOODWAYS AND INTERCULTURAL DIFFERENCES IN COLONIAL CONTEXTS THROUGH ORGANIC RESIDUE ANALYSES ON COOKWARE: AN EXAMPLE FROM PHOENICIAN-PUNIC SARDINIA**  
Bison, Leonardo (University of Bristol)
- 10:00 DISCUSSION SLOT**
- 11:00 MAYA PORK, PIPIL SUGAR AND SPANISH TORTILLAS: COLONIAL FOODSCAPES IN HIGHLAND GUATEMALA**  
Pezzarossi, Guido (Syracuse University)
- 11:15 A STORY OF PERSISTENCE: PALEOETHNOBOTANICAL STUDY OF THE COLONIAL SITE OF ACHIUTLA, OAXACA, MEXICO**  
Bérubé, Éloi (McMaster University)

**11:30 BETWEEN ROMANS AND CELTIBERIANS: POTTERY IN COLONIAL MINING DOMESTIC CONTEXTS OF „CERRO DEL CALVARIO DE TABUENCA“ (SPAIN)**

Bonilla Santander, Oscar (Universidad de Zaragoza) - Serrano Arnáez, Begoña (Universidad de Granada)

**11:45 CHANGES AND PERSISTENCES IN THE PUNIC KITCHEN WARE OF IBIZA (V-II CENTURY A.E.)**

Vendrell-Betí, Alicia (Universitat de València)

**12:00 CHANGING THE FEAST: SOCIAL AND MATERIAL TRANSFORMATION OF FOODSCAPES IN IRON AGE AND ARCHAIC SICILY**

Balco, William (University of North Georgia)

**12:15 MEATSCAPES IN THE IMPERIAL ANDES OF PERU**

Rosenfeld, Silvana (High Point University)

**12:30 DISCUSSION SLOT****POSTERS****a. ANALYSIS OF THE CERAMIC MATERIALS FOUND IN A SPACE ASSOCIATED WITH FOOD PROCESSING AT THE ROMAN CITY OF LOS BAÑALES**

Delage, Inmaculada (Univerisdad de Navarra)

**638 MAKING THE CASE: COLLATING AND USING EVIDENCE ON THE VALUE OF RURAL HERITAGE TO INFLUENCE EU AND DOMESTIC POLICY**

ROOM: UB221

TIME: 16:30 - 18:30

THEME: Archaeology and the European Year of Cultural Heritage

FORMAT: Regular session

ORGANISERS: Holyoak, Vincent (Historic England) - Cordemans, Karl (Vlaamse Landmaatschappij; European Archaeological Council)

**ABSTRACTS****16:30 ARCHAEOLOGICAL HERITAGE MANAGEMENT IN RURAL FLANDERS: FALLOW LAND OF OPPORTUNITIES**

Cordemans, Karl (Flemish Land Agency) - Meylemans, Erwin (Heritage Agency Flanders)

**16:45 ARCHAEOLOGY AND AGRI-TECH**

Webber, Henry (University of Bristol)

- 17:00 SPREADING THE LOVE: SOME IRISH EXAMPLES OF GETTING MONUMENTS VALUED IN OTHER PEOPLE'S POLICIES**  
Carey, Hugh (National Monuments Service)
- 17:15 REPAIRING OLD FARM BUILDINGS AS A MEANS OF CONSERVING THE IRISH RURAL LANDSCAPE**  
Doyle, Ian - Meenan, Anna (The Heritage Council of Ireland)
- 17:30 DEVELOPING EVIDENCE TO INFORM LAND-USE DECISION MAKING IN SCOTLAND**  
Raven, John (HES - Historic Environment Scotland)
- 17:45 DETERMINING THE IMPACT AND VALUE OF HERITAGE CONSERVATION UNDER CAP AND LOCAL AGRICULTURE-ENVIRONMENT SCHEMES IN THE UK**  
Gaskell, Peter (University of Gloucestershire; Countryside and Community Research Institute)
- 18:00 INTEGRATING HERITAGE INTO WORK ON ECOSYSTEMS SERVICES AND NATURAL CAPITAL ACCOUNTING - INSOLUBLE PROBLEM OR A SHINING OPPORTUNITY?**  
Holyoak, Vincent (HE - Historic England)
- 18:15 DISCUSSION SLOT**

## 647 NEW TOOLS AND PRACTICES USED TO IMPROVE THE UNDERSTANDING OF ARCHAEOLOGICAL HERITAGE IN URBAN CONTEXT

**ROOM:** UB202

**TIME:** 8:30 - 10:30

**THEME:** Archaeology and the future of cities and urban landscapes

**FORMAT:** Regular session

**ORGANISERS:** Forn Perramon, Clara (Museum of Badalona) - Padrós, Pepita (Archeology department, Museu de Badalona) - Gurri Costa, Esther (Archeology department, Museu de Badalona) - Havas, Zoltán (Head of Department of Antiquity, BHM Aquincum Museum) - Abonyi, Zsanett (Cultural Manager, Department of Antiquity, BHM Aquincum Museum)

### ABSTRACTS

- 8:30 NOW WHAT? HOW URBAN ARCHAEOLOGICAL SITES BECOME MUSEUMS**  
Padros, Pepita - Forn, Clara (Museu de Badalona)
- 8:45 WALKING ON THE PAST - TO PRESERVE AND PRESENT THE PAST IN URBAN SPACES**  
Byszewska, Agata (Narodowy Instytut Dziedzictwa / National Heritage Board Of Poland)
- 9:00 A NEW PUBLIC EXPERIENCE FOR URBAN ARCHAEOLOGICAL SITE-MUSEUM, THE ROMAN TOWN OF BAETULO**  
Forn Perramon, Clara - Gurri, Esther - Padrós, Pepita (Museu de Badalona)

- 9:15 HADRIANUS\* - HADRIAN AS A TRADEMARK**  
Abonyi, Zsanett - Havas, Zoltán (Budapesti Történeti Múzeum/ Budapest Historical Museum)
- 9:30 REBUILDING THE PAST. THE 3D RECONSTRUCTION, VISUALISATION AND VR/AR PRESENTATION OF MEDIEVAL HISTORY IN SLANY (CZECH REPUBLIC)**  
Unger, Jiri - Květina, Petr (AU - Institute of Archaeology of the Academy of Sciences of the Czech Republic)
- 9:45 DISCUSSION SLOT**

## 648 WHO'S COUNTING? EXPLORING NEW AVENUES FOR A UNIFIED QUANTIFICATION FRAMEWORK OF ARCHAEOLOGICAL DATA IN MATERIAL STUDIES

**ROOM:** UB408

**TIME:** 14:00 - 18:30

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Regular session

**ORGANISERS:** Revello Lami, Martina (Leiden University) - Waagen, Jitte (University of Amsterdam) - Busto Zapico, Miguel (University of Oviedo) - Ferrandes, Antonio F. (Sapienza University of Rome) - Manzini, Ilaria (University of Amsterdam)

### ABSTRACTS

- 14:00 FROM ACT OF FAITH TO COUNT OF FREQUENCY: A BRIEF REVIEW OF THE QUANTIFICATION ISSUE IN ARCHAEOLOGY**  
Revello Lami, Martina (Leiden University)
- 14:15 A QUANTIFICATION EXPERIENCE BASED ON THE ANALYSIS OF TRADE DYNAMICS DURING THE ROMAN AGE**  
Mateo Corredor, Daniel (University of Alicante)
- 14:30 BETWEEN QUANTIFICATION AND ARCHAEOLOGICAL RECORD: SOME REFLECTIONS TROUGH THE PRACTICE**  
Abelleira, Manuel (University of Granada) - Moreno, Manuel (University of Cambridge; University of Granada) - Adroher, Andrés (University of Granada)
- 14:45 DISCUSSION SLOT**
- 15:00 COUNTING ARTIFACTS IN ARCHAEOLOGICAL FIELD SURVEY: THE ISSUE OF BREAKAGE**  
Waagen, Jitte (University of Amsterdam)
- 15:15 WITHIN-SITE ANALYSIS OF 'LOCAL' COARSE WARES: THE CASE OF FABRATERIA NOVA (LATIUM, ITALY)**  
Manzini, Ilaria (University of Amsterdam) - Venditti, Caterina Paola (Ministero dei Beni e delle Attività Culturali e del Turismo)

**15:30 A WIDTH ONCE WOVEN: A NEW WAY TO COUNT LOOM WEIGHTS**

Nelson, Thaddeus (Stony Brook University)

**15:45 DISCUSSION SLOT****16:30 LOST IN QUANTIFICATION. TRACING MATERIAL CULTURE IN ANCIENT ROME BETWEEN EXISTING DATA AND INNOVATIVE ANALYTICAL CHOICES**

Ferrandes, Antonio F. (Sapienza - Università di Roma)

**16:45 EXCAVATING DATA AND MEANINGS: HARMONIZATION AND ANALYSIS OF BURIAL DATA FROM UAXACTUN, GUATEMALA**

Horáková, Lenka (Center for Mesoamerican Studies, Comenius University, Bratislava; Via Magna Ltd.)

**17:00 REFITTING ARCHAEOLOGICAL FIELDWORK: CONCERTED CERAMIC SAMPLING DESIGN IN CENTRAL NICARAGUA**

Donner, Natalia (Leiden University) - Geurds, Alexander (Leiden University; University of Oxford)

**17:15 DISCUSSION SLOT****17:30 FROM SHARDS TO INTEGRATE SPATIAL ANALYSIS: EXPLORING SPATIAL PATTERNS OF USE AT THE BRONZE AGE SETTLEMENT OF COPPA NEVIGATA**

Recchia, Giulia (University of Foggia, Department of Humanities) - Cazzella, Alberto - Lucci, Enrico (,Sapienza' University, Rome, Department of Antiquities)

**17:45 TRACING THE VARIABILITY OF CERAMIC SURFACE SCATTERS, CASE-STUDIES FROM INTRA-SITE SURVEY RESEARCH**

García Sánchez, Jesús (Leiden University)

**18:00 A NEW WAY OF CLASSIFYING CERAMICS USING THE BAG OF WORDS MODEL (BOW)**

Jimenez-Badillo, Diego - Roman-Rangel, Edgar Francisco (Instituto Nacional de Antropología e Historia)

**18:15 DISCUSSION SLOT****POSTERS****a. STATISTICAL ANALYSIS OF ARCHITECTURAL FRAGMENTS OF THE BOSPORAN KINGDOM**

Kolosov, Vladimir (The State Hermitage Museum)

**b. STANDARDISATION AND UNITS OF MEASUREMENT USED IN POTTERY PRODUCTION. THE CASE OF THE POST-MEDIEVAL SPANISH OLIVE JAR**

Busto-Zapico, Miguel (University of Oviedo)



## 651 EUROPEAN PROJECTS IN AMERICA: PAST, PRESENT AND FUTURE

ROOM: UB207

TIME: 16:30 - 18:30

THEME: The archaeology of material culture, bodies and landscapes

FORMAT: Regular session

ORGANISERS: Moragas, Natalia (University of Barcelona) - Pecci, Alessandra (University of Barcelona) - Barba, Luis (UNAM)

### ABSTRACTS

- 16:30 LIVING WITH THE ANCESTORS: PRE-HISPANIC ARCHAEOLOGICAL SITES AS TERRITORIAL MARKERS IN CENTRAL QUINTANA ROO**  
Picas, Mathieu (University of Barcelona)
- 16:45 ARQUEOLOGÍA Y NUEVAS TECNOLOGÍAS PARA EL PATRIMONIO EN EL ÁREA MAYA PROYECTO LA BLANCA (PETÉN, GUATEMALA)**  
Vidal Lorenzo, Cristina (Facultad Geografía e Historia. Avda. Blasco Ibanez; University of Valencia)
- 17:00 LA PUNTILLA PROJECT: SOCIAL ARCHAEOLOGY IN NASCA (ICA, PERÚ)**  
Castro-Martínez, Pedro (Universitat Autònoma de Barcelona) - Escoriza-Mateu, Trinidad (Universidad de Almería) - Gonzalez-Ramirez, Andrea Karina (Universidad de Chile) - Guerrero Perales, Maria Dolores (Universitat Autònoma de Barcelona) - Irazabal Valencia, Samy Lucan (Archaeologist Universidad Nacional Mayor de San Marcos, Lima) - Penagos Cabestany, Alejandro (Universitat Autònoma de Barcelona) - Saez-Sepulveda, Arturo (Universitat de Barcelona) - Salazar Ibañez, Victor Fernando (Archaeologist Universidad Nacional Mayor de San Marcos, Lima)
- 17:15 INTERDISCIPLINARY PROJECT FOR IDENTIFICATION OF A NEW NEIGHBORHOOD CENTER IN TEOTIHUACAN, MEXICO**  
Moragas, Natalia (CINAF. Departamento de Historia i Arqueologia, Universitat de Barcelona) - Ortiz, Agustín - Barba, Luis (IIA-UNAM) - Miriello, Domenico - Barca, Donatella (Università della Calabria) - Pecci, Alessandra (ERAAUB, Departamento de Historia i Arqueología, Universitat de Barcelona)
- 17:30 CONSTRUCTION OF ANDEAN OTHERNESS THROUGH AMERICAN ARCHAEOLOGICAL COLLECTIONS IN EUROPEAN MUSEUMS**  
Molina, Bárbara (Barcelona University)
- 17:45 WHAT'S THE WAY FORWARD? HOW CAN EUROPEAN STUDENTS CARRY OUT RESEARCH INTO LATIN AMERICAN ARCHAEOLOGY?**  
Torras Freixa, Maria (Universitat de Barcelona)
- 18:00 DOING ARCHAEOLOGY AND WORKING WITH AMAZONIAN COMMUNITIES: THE CASE OF THE EARTHEN STRUCTURES KNOWN AS GEOGLYPHS**  
Diez Castillo, Agustín (Universitat de València) - Rampanelli, Ivandra (Fundação Elías Mansur de Cultura e Comunicação Elias Mansour) - Fernandes, Tarcisio J. G. (Universida-

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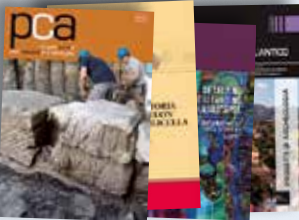
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## 18:15 DISCUSSION SLOT

# 655 ROCK ART AND ARCHAEOLOGICAL SCIENCE – EXPLORING METHODOLOGICAL ADAPTATIONS, INNOVATIONS AND LIMITATIONS

**ROOM:** UB406

**TIME:** 14:00 - 18:30

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Regular session

**ORGANISERS:** Wesley, Daryl (Department of Archaeology, Flinders University) - Jones, Tristen (Research School of Earth Sciences, The Australian National University) - Domingo Sanz, Ines (ICREA, Section of Prehistory and Archaeology, The University of Barcelona) - Veth, Peter (Kimberley Foundation Ian Potter Chair in Rock Art Centre for Rock Art Research and Management, The University of Western Australia)

## ABSTRACTS

### 14:00 SERPENTS GLEN (KARNATUKUL): NEW WAYS OF CONTEXTUALISING OLD (AND YOUNG) ROCK ART IN AUSTRALIA'S WESTERN DESERT

McDonald, Jo (UWA CRAR+M)

### 14:15 OXALATE MINERALS FOR ROCK ART DATING: NEW DEVELOPMENTS AND APPLICATIONS

Levchenko, Vladimir (ANSTO) - Jones, Tristen - King, Penelope (Australian National University) - Williams, Alan (ANSTO) - Finch, Danien (University of Melbourne) - Pecchioni, Elena - Vasseli, Orlando (University of Florence)

### 14:30 ROCK, PIGMENTS, AND BIODEGRADATION: CHALLENGES AND POTENTIALS OF THE PHYSICO-CHEMICAL STUDY OF ROCK ART. AN AFRICAN OVERVIEW.

Gallinaro, Marina (Dipartimento di Scienze dell'Antichità, Sapienza Università di Roma) - Zerboni, Andrea (Dipartimento di Scienze della Terra 'Ardito Desio', Università degli Studi di Milano)

### 14:45 3D RECORDING AND ABSOLUTE DATING OF THE LATEGLACIAL ART RECORD OF SICILY (ITALY)

di Maida, Gianpiero (Graduate School Human Development in Landscapes, Christian-Albrechts Universität zu Kiel) - Mannino, Marcello (Department of Archaeology and Heritage Studies, School of Culture and Society, Aarhus University; Department of Human Evolution,

Max Planck Institute for Evolutionary Anthropology, Leipzig) - Pastoors, Andreas (Institut für Ur- und Frühgeschichte, Friedrich-Alexander-Universität Erlangen-Nürnberg) - García-Díaz, Marcos (Faculty of Humanities and Social Sciences, Universidad Internacional Isabel I de Castilla) - Zilhão, João (UNIARQ - Centro de Arqueologia da Universidade de Lisboa, Faculdade de Letras de Lisboa, Universidade de Lisboa; Institució Catalana de Recerca i Estudis Avançats - CREA; Universitat de Barcelona, SERP - Seminari d'Estudis i Recerques Prehistòriques; SGR2014-00108, Departament d'Història i Arqueologia, Facultat de Geografia i Història) - Hoffmann, Dirk (Department of Human Evolution, Max Planck Institute for Evolutionary Anthropology, Leipzig) - Pike, Alistair (Department of Archaeology, University of Southampton) - Olsen, Jesper (Department of Physics and Astronomy, Aarhus University) - Terberger, Thomas (Niedersächsisches Landesamt für Denkmalpflege)

**15:00 FROM 3D TO 4D: A STEP FURTHER IN ROCK ART DIGITAL RECORDING, MODELLING AND VISUALIZATION. COVATINA SITE AS CASE STUDY**

Domingo Sanz, Ines (ICREA; University of Barcelona / SERP) - Román, Dídac (University of Barcelona / SERP) - Lerma, José Luis - Cabrelles, Miriam (Universitat Politècnica de València)

**15:15 DOCUMENTING ROCK ART WITHIN ITS WIDER LANDSCAPE. AN EXPERIENCE OF 3D MAPPING IN THE HUALFIN VALLEY (CATAMARCA, ARGENTINA)**

Parcero-Oubiña, César - Fábrega-Álvarez, Pastor (InstiCiencias del Patrimonio, Consejo Superior de Investigaciones Científicas) - Lynch, Julieta (División Arqueología, Museo de La Plata, CONICET, FCNyM, UNLP)

**15:30 PIGMENT, ROCK ART PAINTINGS AND ARCHAEOLOGY OF COLOR IN ATACAMA DESERT (NORTHERN CHILE). METHODOLOGICAL APPROACH FOR COLORFUL MATERIALS**

Sepulveda, Marcela (Universidad de Tarapaca; UMR 8220 LAMS- CNRS- Sorbonne Universités; UMR 8096 ARCHAM- CNRS)

**15:45 DISCUSSION SLOT**

**16:30 CAVE AND ROCK ART IN PRE- AND PROTO-HISTORIC ABRUZZO, CENTRAL ITALY. A STUDY ON USE AND PIGMENTS**

Vianello, Andrea - Tykot, Robert (University of South Florida) - Di Fraia, Tomaso (University of Pisa - ret.) - Palmerini, Guido (Independent researcher)

**16:45 THE COLOR PALETTE OF THE PAINTS IN THE CHAMBER OF CHAOS AT SHULGAN-TASH (KAPOVA CAVE), RUSSIA**

Pakhunov, Alexander - Devlet, Ekaterina (Institute of Archaeology Russian Academy of Sciences) - Grigoriev, Nikolai - Gainullin, Danir (Centre for the Protection and Management of Immovable Cultural Heritage of Bashkortostan Republi)

**17:00 A COMBINATION OF IMAGING AND ANALYTICAL STUDIES OF PAINTED BURIAL SLABS FROM THE KARAKOL (ALTAI REPUBLIC, RUSSIA)**

Devlet, Ekaterina - Pakhunov, Alexander (Institute of Archaeology Russian Academy of Sciences)

**17:15 MODERN METHODS FOR THE EXPERIMENTAL-TRACEOLOGICAL STUDY OF THE WHITE SEA PETROGLYPHS**

Fedorova, Daria (Institute of History of Material Culture of Russian Academy of Sciences)

**17:30 CHASING THE PLEISTOCENE? METHODOLOGICAL ISSUES ESTABLISHING CHRONOLOGIES FOR DEPICTIONS OF ANIMALS IN ROCK ART OF ARNHEM LAND, AUSTRALIA**

Wesley, Daryl (Flinders University) - Jones, Tristen (Australian National University) - Levchenko, Vladimir (Australian Nuclear Science and Technology Organisation)

**17:45 DISCUSSION SLOT****657 BOUNDARIES AND REGIONS IN IRON AGE (CELTIC) AND ROMANO-CELTIC RELIGIONS**

**ROOM:** UB412

**TIME:** 11:00 - 13:00

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** King, Anthony (University of Winchester) - Haeussler, Ralph (University of Wales, Trinity Saint David) - Spickermann, Wolfgang (Institut für Alte Geschichte und Altertumswissenschaften, Universität Graz)

**ABSTRACTS****11:00 BOUNDARIES AND REGIONS IN CELTIC AND ROMANO-CELTIC RELIGIONS: INTRODUCTION**

King, Anthony (University of Winchester) - Haeussler, Ralph (University of Wales, Trinity St David) - Spickerman, Wolfgang (University of Graz)

**11:15 ROMANO-CELTIC RELIGION AND CIVITATES IN BRITAIN: DISTRIBUTIONS, CONSTITUENCIES AND BOUNDARIES**

King, Anthony (University of Winchester)

**11:30 MOVEMENT AND PERFORMANCE IN IRON AGE AND ROMAN BRITAIN: AN EXAMINATION OF PROCESSIONAL ROUTEWAYS ACROSS RELIGIOUS BOUNDARIES**

Garland, Nicky (Newcastle University)

**11:45 ROMAN TRADITIONS WITH CELTIC STYLE - GALLO-ROMAN RELIGION IN THE PROVINCE OF GERMANIA INFERIOR**

Schmölzer, Astrid - Spickermann, Wolfgang (University of Graz)

**12:00 ATTENDANCE OF WORSHIP PLACES WITH A NATURAL VOCATION IN THE PO AREA BETWEEN THE IRON AGE AND EARLY ROMANIZATION**

Fogliazza, Silvia (Université Paris Nanterre) - Mazzetti, Enea (Alma Mater Studiorum - Università di Bologna)

**12:15 CITY-TYCHE – LOOKING FOR WAYS OF SELF-REPRESENTATIONS IN SOUTHERN GAUL**

Müller, Isabell (Institut für Archäologie, Universität Graz)

**12:30 CROSSING BOUNDARIES? THE COMPLEX WEB OF CULT PLACES AND DEITIES IN SOUTHERN GAUL**

Haeussler, Ralph (University of Wales Trinity Saint David, Lampeter)

**12:45 DISCUSSION SLOT****661 LATE GLACIAL AND POSTGLACIAL POPULATION HISTORY AND CULTURAL TRANSMISSION IN IBERIA****ROOM:** UB209**TIME:** 14:00 - 17:30**THEME:** Theories and methods in archaeological sciences**FORMAT:** Regular session**ORGANISERS:** Fernandez, Javier (Institut Català de Paleoecologia Humana i Evolució Social - IPHES; Àrea de Prehistòria, Universitat Rovira i Virgili - URV) - Yanes, Yurena (Department of Geology, University of Cincinnati)**ABSTRACTS****14:00 INTRODUCTION TO THE PALEODEM PROJECT**

Fernandez, Javier (Institut Català de Paleoecologia Humana i Evolució Social - IPHES; Àrea de Prehistòria, Universitat Rovira i Virgili - URV)

**14:15 LAST GLACIAL-MIDDLE HOLOCENE CLIMATE AND ENVIRONMENTAL DYNAMICS IN THE UPPER VINALOPÓ INFERRED FROM THE MULTI-PROXY ANALYSIS OF LAKE RECORDS**

Burjachs, Francesc (ICREA, Institució Catalana de Recerca i Estudis Avançats; IPHES, Institut Català de Paleoecologia Humana i Evolució Social; URV, Universitat Rovira i Virgili) - Jones, Samantha E. (School of Geosciences, Department of Archaeology and Geography, University of Aberdeen; IPHES, Institut Català de Paleoecologia Humana i Evolució Social) - Schulte, Lothar (UB, Universitat de Barcelona, Departament de Geografia) - Giralt, Santiago (ICTJA-CSIC, Institut de Ciències de la Terra 'Jaume Almera') - Fernández-López de Pablo, Javier (IPHES, Institut Català de Paleoecologia Humana i Evolució Social; URV, Universitat Rovira i Virgili)

**14:30 INTEGRATIVE GEOARCHAEOLOGICAL APPROACHES TO THE INVESTIGATION OF EARLY AND LATE MESOLITHIC CAMPSITES IN SE IBERIA**

Polo-Díaz, Ana (IPHES - Institut Català de Paleoecologia Humana i Evolució Social) - Poch, Rosa Maria (Departament de Medi Ambient i Ciències de Sol. ETSEA. Universitat de Lleida) - Ferrer, Carlos (Museu de Prehistòria i Servei d'Investigació Prehistòrica de la Diputació Provincial de València) - Gómez Puche, Magdalena (IPHES - Institut Català de Paleoecologia Humana i Evolució Social) - Fernández López de Pablo, Javier (IPHES - Institut Català de Paleoecologia Humana i Evolució Social; Àrea de Prehistòria, Universitat Rovira i Virgili)

**14:45 DECIPHERING EARLY HOLOCENE PALEOCLIMATE CONDITIONS USING OXYGEN AND CARBON ISOTOPE RATIOS OF LAND SNAILS FROM MESOLITHIC ARCHAEOLOGICAL CONTEXTS IN VILLENA**

Yanes, Yurena (University of Cincinnati) - Fernández-López de Pablo, Javier (Institut Català de Paleoecologia Humana i Evolució Social - IPHES; Àrea de Prehistòria, Universitat Rovira i Virgili)

**15:00 RECOVERING METHODS AND PRELIMINARY RESULTS ON THE PALAEOBOTANICAL REMAINS OF ARENAL DE LA VIRGEN AND CASA CORONA (VILLENA, SPAIN)**

Cantó, Ana - Carrión, Yolanda (Universidad de Valencia) - Fernández López de Pablo, Javier (Institut Català de Paleoecologia Humana i Evolució Social - IPHES; Àrea de Prehistòria, Universitat Rovira i Virgili)

**15:15 RADIOCARBON DATING PROGRAM AND BAYESIAN CHRONOLOGICAL MODELLING AT THE EARLY HOLOCENE SITES ARENAL DE LA VIRGEN AND CASA CORONA**

Gómez, Magdalena - Polo-Díaz, Ana - Fernández-López de Pablo, Javier (Institut Català de Paleoecologia Humana i Evolució Social - IPHES)

**15:30 LITHIC ASSEMBLAGES FROM ARENAL DE LA VIRGEN AND CASA CORONA SITES (VILLENA, ALICANTE): PRELIMINARY RESULTS ON MORPHO-TECHNICAL AND SPATIAL ANALYSES**

Rabuñal, José Ramón - Fernández-López de Pablo, Javier (Institut Català de Paleoecologia Humana i Evolució Social - IPHES; Àrea de Prehistòria, Universitat Rovira i Virgili - URV)

**15:45 DISCUSSION SLOT**

**16:30 EARLY HOLOCENE SOCIO-ECOLOGICAL DYNAMICS IN THE IBERIAN PENINSULA: A NETWORK APPROACH**

Lozano, Sergi (Institut Català de Paleoecologia Humana i Evolució Social - IPHES) - Prignano, Luce (University of Barcelona) - Gómez-Puche, Magdalena - Fernández-López de Pablo, Javier (Institut Català de Paleoecologia Humana i Evolució Social - IPHES)

**16:45 LATE GLACIAL - EARLY HOLOCENE POPULATION PATTERNS IN THE IBERIAN PENINSULA USING SUMMED RADIOCARBON DATE PROBABILITY DISTRIBUTIONS**

Fernandez, Javier (Institut Català de Paleoecologia Humana i Evolució Social - IPHES; Àrea de Prehistòria, Universitat Rovira i Virgili - URV) - Gómez-Puche, Magdalena (Institut Català de Paleoecologia Humana i Evolució Social - IPHES) - Lozano, Sergi (Institut Català de Paleoecologia Humana i Evolució Social - IPHES; Àrea de Prehistòria, Universitat Rovira i Virgili) - Silva, Fabio (Institut Català de Paleoecologia Humana i Evolució Social - IPHES)

**17:00 DISCUSSION SLOT**

## 662 THE SOUL OF REPLICANTS: FROM ALTAMIRA TO BLADE RUNNER? TRIBUTE TO JOSÉ ANTONIO LAS HERAS

**ROOM:** UB207

**TIME:** 8:30 - 10:30

**THEME:** Museums and the challenges of archaeological outreach in the 21st century

**FORMAT:** Regular session

**ORGANISERS:** Criado-Boado, Felipe (Incipit, CSIC) - Karlsson, Hakan (University of Gothenburg, Department of Historical Studies) - Barreiro, David (Incipit, CSIC) - Nicolau, Antoni (Kultura, Ideas y Estrategias)

### ABSTRACTS

- 8:30 JOSÉ ANTONIO LASHERAS AND THE ALTAMIRA REPLICA IN CONTEXT**  
Marti, Nicolau (Kultura, Ideas Strategies for Cultural Heritage) - Fatás Monforte, Pilar (Museum and Research Center of Altamira)
- 8:45 THE UNBEARABLE LIGHTNESS OF NEW CAVE**  
Ayán, Xurxo (Independent Researcher)
- 9:00 DIGITAL, MUSEUM, AND ON-SITE EXPERIENCES OF GÖBEKLITEPE: CONTRIBUTIONS AND FLAWS OF REPRODUCTIONS AND REPLICAS FOR THE PERCEPTION OF SPATIO-TEMPORAL CHARACTERISTICS**  
Akture, Zeynep (Izmir Institute of Technology, Department of Architecture)
- 9:15 STILL LIFE, ON THE NATURE OF ARCHAEOLOGICAL SITES, ON THE CHARACTER OF VISITANTS AND ON THE EXPERIENCE OF THE VISIT**  
Diniz, Mariana - Martins, Andrea (UNUARQ, Faculdade De Letras, Universidade De Lisboa; Associação Arqueólogos Portugueses - AAP) - Neves, César (Associação Arqueólogos Portugueses - AAP; UNUARQ, Faculdade De Letras, Universidade De Lisboa) - Arnaud, José (Associação Arqueólogos Portugueses - AAP)
- 9:30 “EL MURAL MÁGICO”: WHEN REPLICA, RITUAL AND POLITICS BECOME “ONTOLOGICAL TURN” IN ZAPATISTA REVOLUTION, AND ITS EXPANSE**  
Ruiz-Blanch, Ana (Incipit, CSIC)
- 9:45 “TRUTH IS A MOMENT OF FALSEHOOD”: BRINGING REPLICAS TO LIFE**  
Barreiro, David (Institute of Heritage Sciences - Spanish National Research Council)
- 10:00 DISCUSSION SLOT**



## 664 MEDITERRANEAN ISLANDS OUT OF THE STREAM: COMPARING ISLANDS ACROSS TIME

ROOM: UB407

TIME: 8:30 - 12:30

THEME: Mediterranean seascapes

FORMAT: Regular session

ORGANISERS: Cau Ontiveros, Miguel Ángel (Institució Catalana de Recerca i Estudis Avançats - ICREA; Equip de Recerca Arqueològica i Arqueomètrica de la Universitat de Barcelona - ERAAUB) - Van Dommelen, Peter (Joukowsky Institute for Archaeology and the Ancient World, Brown University) - Mas Florit, Catalina (Joukowsky Institute for Archaeology and the Ancient World, Brown University)

### ABSTRACTS

#### 8:30 MEDITERRANEAN ISLANDS OUT OF THE STREAM: INTRODUCTION

Cau Ontiveros, Miguel Ángel (ICREA; Universitat de Barcelona) - van Dommelen, Peter (Joukowsky Institute for Archaeology and the Ancient World, Brown University) - Mas Florit, Catalina (Equip de Recerca Arqueològica i Arqueomètrica, Universitat de Barcelona - ERAAUB)

#### 8:45 CYPRUS AND SARDINIA AT THE TRANSITION FROM THE BRONZE TO THE IRON AGE: A SACRED LANDSCAPES APPROACH

Papantoniou, Giorgos (University of Bonn) - Depalmas, Anna (University of Sassari)

#### 9:00 PREHISTORIC LANDSCAPES OF LAMPEDUSA

Wexler, Jennifer (British Museum)

#### 9:15 AN ISLAND ARCHAEOLOGY OF THE MIDDLE AND LATE BRONZE AGE CYCLADES?

Abell, Natalie (University of Michigan)

#### 9:30 LOCAL IDENTITY OF THE EARLY TALAYOTIC ARCHITECTURE IN MENORCA

Ramis, Damia (Independent)

#### 9:45 RELATIONS BETWEEN SARDINIA, THE GREEK AND THE ITALIC WORLD IN THE EARLY HELLENISTIC PERIOD

Tronchetti, Carlo (Retired, formerly National Archaeological Museum of Cagliari)

#### 10:00 DISCUSSION SLOT

#### 11:00 THE EXCAVATION OF BITHIA BETWEEN ARCHAEOLOGICAL RESEARCH AND ANALYSIS OF THE ANCIENT LANDSCAPE

Bassoli, Carlotta (Independent researcher) - Minoja, Marco (MIBACT) - Chergia, Valentina (Università di Granata)

#### 11:15 SICILY AND CONNECTIVITY THROUGH MEDITERRANEAN SEA IN LATE ANTIQUITY AND EARLY BYZANTINE PERIOD. THE CASE STUDY OF AGRIGENTO

Caminnecci, Valentina - Parello, Maria Concetta - Rizzo, Maria Serena (Parco Valle dei Templi)

**11:30 “ISLANDS IN THE STREAM”: RE-ASSESSING THE BYZANTINE INSULAR ECONOMY BETWEEN LATE ANTIQUITY AND THE EARLY MIDDLE AGES (CA. 600-C. 800)**

Zavagno, Luca (Bilkent University)

**11:45 TECHNOLOGICAL CHANGES IN POTTERY MAKING IN MALLORCA (SPAIN) BETWEEN THE LATE ANTIQUE AND ISLAMIC PERIODS: RECENT ADVANCES FROM ARCHAEOMETRIC ANALYSES**

Fantuzzi, Leandro (Fitch Laboratory, British School at Athens; Equip de Recerca Arqueològica i Arqueomètrica de la Universitat de Barcelona - ERAAUB) - Mas Florit, Catalina - Tsantini, Evanthia (Equip de Recerca Arqueològica i Arqueomètrica de la Universitat de Barcelona - ERAAUB) - Cau Ontiveros, Miguel Ángel (Equip de Recerca Arqueològica i Arqueomètrica de la Universitat de Barcelona - ERAAUB; Catalan Institution for Research and Advanced Studies - ICREA; Centre Camille Jullian, AixMarseilleUniv, CNRS, MCC, CCJ)

**12:00 DISCUSSION SLOT**

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**665 BRONZE AGE TRANSFORMATION PROCESSES IN EUROPE – CHANGES AND THEIR TRIGGERS IN ARCHAEOLOGICAL AND ECOLOGICAL RECORDS**

**ROOM:** UB309

**TIME:** 8:30 - 16:00

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Schaefer, Stefanie (Christian-Albrechts-Universität zu Kiel, Institute for Pre- and Protohistoric Archaeology) - Kneisel, Jutta (Christian-Albrechts-Universität zu Kiel, Institute for Pre- and Protohistoric Archaeology) - Sabatini, Serena (University of Gothenburg, Department of Historical Studies)

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**ABSTRACTS**

**8:30 SCALES OF TRANSFORMATION – TRANSFORMATION PROCESSES IN THE ARCHAEOLOGICAL RECORD**

Kneisel, Jutta - Schaefer, Stefanie (Institute of Pre- and Protohistoric Archaeology University Kiel; SFB 1266 Transformation Dimensions)

**8:45 FROM ISOLATED WORKERS TO STANDARDIZED PRODUCTION: THE EXAMPLE OF TEXTILE CRAFTWORK DURING BRONZE AGE IN BRITTANY (FRANCE)**

Penisson, Roxane (Université Rennes 2) - Cocoual, Antoine (W3D's)

**9:00 COMMUNITY OF PRACTICE AS A TOOL FOR UNDERSTANDING TECHNOLOGICAL CHANGES AND TRANSFORMATIONS: WEAVING IN BRONZE AGE PO PLAIN**

Sabatini, Serena (University of Gothenburg)

**9:15 DISCUSSION SLOT**

**9:30 REGIONAL AND SOCIOPOLITICAL CHANGES IN NORTHWESTERN SCANDINAVIA IN THE EARLY BRONZE AGE**

Austvoll, Knut Ivar (Department of Archaeology, Conservation and History, University of Oslo)

**9:45 LIVING AS BEFORE? TRANSFORMING SETTLEMENT PATTERNS FROM THE LATE NEOLITHIC TO THE MIDDLE BRONZE AGE IN THE SOUTH-WEST BALTIC AREA**

Raese, Hendrik (Institut fuer Ur- und Fruehgeschichte Kiel)

**10:00 TURNING POINTS AND CULTURAL CHANGES IN THE BOHEMIAN BASIN DURING THE BRONZE AGE**

Jiran, Lubos - Šumberová, Radka (Institute of Archaeology of CAS, Prague)

**10:15 DISCUSSION SLOT**

**11:00 TIME OF TRANSITION. BURIAL RITES AND SETTLEMENTS MIDDLE BRONZE AGE MORAVIA**

Sabatova, Klara (Masaryk University)

**11:15 BRONZE AGE TRANSFORMATION PROCESSES IN THE ARCHAEOLOGICAL RECORD OF SCHLESWIG-HOLSTEIN (NORTHERN GERMANY)**

Schaefer, Stefanie (Christian-Albrechts-Universität zu Kiel, Institute for Pre- and Protohistoric Archaeology, CRC1266)

**11:30 MIDDLE BRONZE AGE POPULATION PRESSURE AND RESOURCE PROBLEMS IN THY, NORTHWEST DENMARK**

Bech, Jens-Henrik (Museum Thy, Denmark)

**11:45 DISCUSSION SLOT**

**12:00 CHALLENGES OF DAILY LIFE IN BRONZE AGE NORTHERN CAUCASUS: COMPARING FRACTURE FREQUENCIES OF PEOPLE FROM EARLY AND MIDDLE BRONZE AGE**

Gresky, Julia - Reinhold, Sabine (German Archaeological Institute) - Belinski, Andrej (ООО Nasledie) - Berezina, Natalia (Research Institute and Museum of Anthropology, Moscow State University)

**12:15 ANCIENT DNA SHEDS LIGHT INTO THE KINSHIP STRUCTURE OF EARLY 2ND MILLENNIUM BC TRZCINIEC CIRCLE GROUPS FROM EAST-CENTRAL EUROPE**

Chylenski, Maciej (Institute of Archaeology, Adam Mickiewicz University in Poznań) - Juras, Anna (Institute of Anthropology, Adam Mickiewicz University in Poznań) - Makarowicz, Przemysław (Institute of Archaeology, Adam Mickiewicz University in Poznań) - Pospieszny, Łukasz (Institute of Archaeology and Ethnology, Polish Academy of Sciences) - Szczepanek, Anita (Department of Anatomy, Jagiellonian University in Krakow) - Górski, Jacek (Archaeological Museum of Kraków) - Taras, Halina (Institute of Archaeology, Maria Curie Skłodowska University in Lublin)

**12:30 SOCIETAL TRANSFORMATIONS FROM THE EARLY TO THE MIDDLE BRONZE AGE IN THE LECH VALLEY SOUTH OF AUGSBURG**

Stockhammer, Philipp (LMU Munich; Max Planck Institute for the Science of Human History, Jena) - Knipper, Corina (Curt-Engelhorn-Centre Archaeometry gGmbH, Mannheim) - Massy, Ken (LMU Munich) - Mittnik, Alissa - Krause, Johannes (Max Planck Institute for the Science of Human History, Jena)

**12:45 DISCUSSION SLOT**

**14:00 THE LATE BRONZE AGE HOARDS AS INDICATORS FOR THE CULTURAL TRANSFORMATION IN THE NORTHERN-EASTERN EUROPE**

Civilyte, Agne (Lithuanian Institute for History)

**14:15 RITUALS IN THE TRANSFORMED LANDSCAPE OF LATE BRONZE AGE SOUTHWEST NORWAY**

Meling, Trond (Museum of Archaeology, University of Stavanger)

**14:30 LAND USE DYNAMICS OF THE CENTRAL AND EAST HESSE UPLANDS (GERMANY) THROUGHOUT THE LATE BRONZE AGE**

Bringemeier, Lisa - Stobbe, Astrid (Frankfurt University, Archaeological Sciences, Archaeobotany Laboratory)

**14:45 DISCUSSION SLOT**

**15:00 THE SOCIAL DIMENSION OF AGRICULTURE IN THE ITALIAN FINAL BRONZE AGE. UNDERSTANDING THE TOLFA MOUNTAIN COMMUNITIES THROUGH THEIR RURAL LANDSCAPE**

Sotgia, Agostino (Sapienza - University of Rome; University of Groningen)

**15:15 ENERGY EXPENDITURE, COPPER OUTPUT AND DEMAND FOR WOOD – A MAJOR TRANSFORMATION IN BRONZE AGE METALWORKING TECHNOLOGY**

Brinkmann, Johanna (Institut fuer Ur- und Fruehgeschichte Kiel; CRC 1266 - Scales of Transformation)

**15:30 DISCUSSION SLOT**

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## 667 THE EIGHTH CENTURY BC – A TURNING POINT?

**ROOM:** UB208

**TIME:** 8:30 - 13:00

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Pearce, Mark (University of Nottingham, Department of Classics and Archaeology) - Potrebica, Hrvoje (University of Zagreb, Department of Archaeology)

- 8:30 THE EIGHTH CENTURY BC IN THE CENTRAL MEDITERRANEAN**  
Pearce, Mark (Department of Classics and Archaeology, University of Nottingham)
- 8:45 THE 8TH C. BC TURNING POINT IN LATIUM VETUS (CENTRAL ITALY): EXCAVATIONS OF A COMPLEX ARTIFICIAL MOUND AT CRUSTUMERIUM (ROME)**  
Attema, Peter (Groningen Institute of Archaeology / University of Groningen)
- 9:00 THE MIDDLE ADRIATIC AREA IN THE 8TH CENTURY BC**  
Macerola, Fabiana (Dipartimento di Scienze dell'Antichità-Sapienza, Università di Roma)
- 9:15 DISCUSSION SLOT**
- 9:30 BURIAL AND SOCIETY IN THE 8TH CENTURY B.C.E. IN ALBANIA**  
Bejko, Lorenc (University of Tirana)
- 9:45 FROM EAST TO WEST IN THE 8TH C. BC - DIVERGING VIEWS**  
Metzner-Nebelsick, Carola (Inst fuer Vor- und Fruehgeschichtliche Archaeologie, Provinzialroem Archeologie)
- 10:00 HA C IN SOUTHWESTERN FRANCE: A GOOD EXAMPLE OF POST-COLLAPSE RECOMPOSITION?**  
Dumas, Antoine (UMR 5607 Ausonius - Bordeaux Montaigne University - LabEx Sciences Archéologiques de Bordeaux)
- 10:15 DISCUSSION SLOT**
- 11:00 THE BRONZE AGE-IRON AGE TRANSITION: CHANGE AT THE ALPINE CROSSROADS OF AOSTA, NW ITALY**  
Wicks, David (Akhet srl) - Armirotti, Alessandra (Patrimonio Archeologico. Soprintendenza per i Beni e le Attività Culturali della Regione Autonoma Valle d'Aosta)
- 11:15 CONTINUITY, DISCONTINUITY AND CHANGE: ELITES, SETTLEMENT AND LONG DISTANCE EXCHANGE IN THE EARLY 1ST MILLENNIUM BC IN SE SLOVENIA**  
Mason, Philip (Zavod za varstvo kulturne dediščine Slovenije)
- 11:30 SOUTH-EASTERN SLOVENIA IN THE EARLY HALLSTATT PERIOD**  
Borut, Križ (Dolenjski muzej)
- 11:45 DISCUSSION SLOT**
- 12:00 ADVENT OF THE IRON AGE - EIGHTH CENTURY BC IN SOUTHERN CARPATHIAN BASIN**  
Potrebica, Hrvoje (University of Zagreb; Center for Prehistoric Research)
- 12:15 THE EIGHTH CENTURY BC IN THE SOUTHERN PART OF MIDDLE DANUBE AREA - CONTINUITY VS. DISCONTINUITY?**  
Ložnjak Dizdar, Daria - Dizdar, Marko (Institute of Archaeology)

**12:30 EIGHT CENTURY IN NORTHERN AND CENTRAL BALKANS**

Pravidur, Andrijana (National Museum of Bosnia and Herzegovina)

**12:45 DISCUSSION SLOT****672 CAA @ EAA: COMPUTATIONAL MODELS IN ARCHAEOLOGY**

**ROOM:** UB211

**TIME:** 8:30 - 18:30

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Regular session

**ORGANISERS:** Romanowska, Iza (Barcelona Supercomputing Center) - Prignano, Luce (University of Barcelona) - Coto-Sarmiento, María (Barcelona Supercomputing Center) - Brughmans, Tom (University of Oxford) - Morer, Ignacio (University of Barcelona)

**ABSTRACTS****8:30 IN THE BEGINNING WERE THE RAW DATA**

Ravotto, Alessandro (ICAC)

**8:45 INTEGRATION OF MODELS AND QUERY FEDERATION FOR HETEROGENEOUS ARCHAEOLOGICAL DATASETS**

Gonzalez-Perez, Cesar - Martín-Rodilla, Patricia (Incipit CSIC)

**9:00 HERITAGE LEGAL DISCOURSE TRENDS: A SEMIAUTOMATIC ANALYSIS FOR SUPPORTING CRITICAL READING**

Martin-Rodilla, Patricia - Barreiro, David (Institute of Heritage Sciences)

**9:15 DISCUSSION SLOT****9:30 USING GAME ENGINES TO THE FULLEST: IMPLEMENTING CUSTOM SCRIPTS IN ARCHAEOLOGICAL INTERPRETATION**

Barratt, Robert (Queen's University Belfast)

**9:45 A TECHNIQUE TO ENHANCE THE VISIBILITY OF INSCRIPTIONS**

Ravotto, Alessandro (ICAC)

**10:00 ZOOMING INTO THRACE: MODELLING SPATIAL DIVERSITY AND REGIONAL MOBILITY DURING THE SECOND MILLENNIUM BC.**

Nenova, Denitsa (UCL)

**10:15 DISCUSSION SLOT****11:00 SPATIAL AND SPATIO-TEMPORAL MODELLING OF CULTURAL CHANGE IN THE IPEL/ IPOLY RIVER VALLEY REGION (S-SLOVAKIA, N-HUNGARY)**

Tóth, Peter (Department of Archaeology and Museology, Faculty of Arts, Masaryk University, Brno) - Larsson, Nicklas (Hungarian National Museum, Budapest)

**11:15 AGENTS, NETWORKS AND THE QUEST FOR SYSTEM UNDERSTANDING: AN IDIOT-GUIDE TO COMPLEXITY SCIENCE**

Coto-Sarmiento, Maria (Barcelona Supercomputing Center; Universitat de Barcelona) - Romanowska, Iza (Barcelona Supercomputing Center) - Brughmans, Tom (University of Oxford) - Prignano, Luce - Morer, Ignacio (Universitat de Barcelona)

**11:30 DISCUSSION SLOT****11:45 NETWORK PATTERNS: A CASE STUDY OF THE UPPER PALEOLITHIC SITES IN THE NORTHERN BLACK SEA REGION**

Fedorchenko, Olena (Department of archaeology, National University of Kiyv)

**12:00 FORMALIZED APPROACH TO SPATIAL ARCHAEOLOGY USING ALGORITHMIC MODELLING**

Demján, Peter (Institute of Archaeology CAS)

**12:15 CONNECTING DOTS ON MAPS: APPLYING SOCIAL NETWORK ANALYSIS TO ROCK ART SITES IN N. W. AUSTRALIA - A PRELIMINARY STUDY**

Rainsbury, Michael (Ustinov College, Durham University)

**12:30 DISCUSSION SLOT****14:00 IDENTIFYING LATE CHALCOLITHIC AND EARLY BRONZE AGE METAL COMMUNITIES OF ANATOLIA AND NORTHERN MESOPOTAMIA THROUGH GROUPING AND NETWORK ANALYSES**

Massimino, Martina - de Gruchy, Michelle (University of Durham) - Radivojevic, Miljana (McDonald Institute for Archaeological Research, University of Cambridge) - Grujic, Jelena (Vrije University Brussels, Artificial Intelligence Lab)

**14:15 DETECTION OF STRATEGIC FUNCTIONS IN OLD KINGDOM EGYPT USING THE INFORMATION THEORY**

Dulíková, Veronika (Czech Institute of Egyptology, Faculty of Arts, Charles University, Prague) - Mařík, Radek (Faculty of Electrical Engineering, Czech Technical University in Prague)

**14:30 THE IBERIAN PENINSULA'S ROMAN TRANSPORT SYSTEM. MULTI-DISCIPLINARY APPROACHES TO ANALYSE THE TRANSPORT NETWORK CONNECTIVITY**

de Soto, Pau (Universidade Nova de Lisboa) - Prignano, Luce - Morer Zapata, Ignacio (Complexity Lab Barcelona. Dept. Física de la Matèria Condensada, University of Barcelona) - Brughmans, Tom (School of Archaeology, University of Oxford)

**14:45 DISCUSSION SLOT****15:00 EXPLORING LONG-TERM EFFECTS OF AMPHORA REUSE ON THE ROMAN IMPERIAL ECONOMIC SYSTEM**

Brughmans, Tom (School of Archaeology, University of Oxford)

**15:15 PALAEODEMOGRAPHY AMONG HUNTER-FISHER-GATHERERS: A COMBINED AND EXPERIMENTAL APPROACH TO SOCIAL INEQUALITY**

Olives Pons, Juana Maria (Max Planck Institute for Social Anthropology- IMPRS ANARCHIE) - Vila-Moreno, Adrià (Universitat de Girona - ARESOCARE research group) - Estévez Escalera, Jordi (Universitat Autònoma de Barcelona, Departament de Prehistòria-ARESOCARE)

**15:30 GENERATING FALSIFIABLE HYPOTHESES THROUGH AGENT-BASED SIMULATION ON THE POPULATION REPLACEMENT IN AGRICULTURAL SPREAD IN ANCIENT JAPAN**

Sakahira, Fumihito (Tokyo Institute of Technology; KOZO KEIKAKU Engineering Inc.) - Tera-no, Takao (Tokyo Institute of Technology)

**15:45 DISCUSSION SLOT**

**16:30 A GAME OF... CHAIRS, MUSICAL CHAIRS. A THEORY-BUILDING AGENT-BASED APPROACH TO AGRO-PASTORAL LANDSCAPES IN EURASIA**

Angourakis, Andreas - Fusaro, Agnese - Martínez, Verònica - Gurt, Josep M. (ERAAUB, Department of History and Archaeology, University of Barcelona)

**16:45 SOWING SEEDS: INVESTIGATING EARLY HORTICULTURE IN NEW ZEALAND USING AGENT-BASED MODELLING**

Brown, Andrew (Bournemouth University) - Romanowska, Iza (Barcelona Supercomputing Centre)

**17:00 RECONSTRUCTING LAETANIAN ROMAN WINE ECONOMY USING AGENT-BASED MODELLING (1ST CENTURY BC-3RD CENTURY AD)**

Martín i Oliveras, Antoni (Universitat de Barcelona; CEIPAC-Classical Antiquity Studies on Provincial Interdependence Centre; EPNet Project-Production and Distribution of Food during the Roman Empire: Economic and Political Dynamics; Government of Catalonia-Ministry of Culture-Archaeology & Paleontology Service) - Revilla Calvo, Víctor (Universitat de Barcelona; CEIPAC-Classical Antiquity Studies on Provincial Interdependence Centre; EPNet Project-Production and Distribution of Food during the Roman Empire: Economic and Political Dynamics; UBICS-Universitat de Barcelona Institute of Complex Systems) - Romanowska, Iza (BSC-Barcelona Supercomputing Center; EPNet Project-Production and Distribution of Food during the Roman Empire: Economic and Political Dynamics)

**17:15 DISCUSSION SLOT**

**17:30 BUILDING ARCHAEOLOGICAL MODELING TOOLKITS**

Murphy, John (University of Chicago)

**17:45 AN EMERGENT COMMUNITY? AGENT-BASED MODELLERS IN ARCHAEOLOGY**

Romanowska, Iza (Barcelona Supercomputing Center) - Davies, Benjamin (University of Auckland)

**18:00 DISCUSSION SLOT**



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## 684 AT THE INTERFACE: INVESTIGATING COUPLED HUMAN AND NATURAL SYSTEM FROM NATURAL SCIENTIFIC AND ARCHAEOLOGICAL PERSPECTIVE. CHALLENGES AND OPPORTUNITIES

ROOM: UB302

TIME: 16:30 - 18:30

THEME: Theories and methods in archaeological sciences

FORMAT: Regular session

ORGANISERS: Hinz, Martin (CRC 1266, Institute for Pre- and Protohistoric Archaeology, Kiel University) - Solheim, Steinar (Museum of Cultural History University of Oslo)

### ABSTRACTS

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#### 16:30 AT THE INTERFACE: AN INTRODUCTION TO THE SESSION

Solheim, Steinar (Museum of Cultural History University of Oslo) - Hinz, Martin (Institute for Pre- and Protohistoric Archaeology, Kiel University)

#### 16:45 CARRYING CAPACITY: A SUPERSEDED CONCEPT OR A WINDOW OF OPPORTUNITIES?

Daems, Dries - Cleymans, Sam - Vandam, Ralf - Broothaerts, Nils (University of Leuven)

#### 17:00 THE ROLE OF ENVIRONMENT IN THE SOCIO-CULTURAL CHANGES ALONG THE HISTORICAL SILK ROAD IN CENTRAL ASIA

Yang, Liang (Graduate School "Human Development in Landscapes", Christian-Albrecht-Universität Kiel)

#### 17:15 ARIDIFICATION AND SOCIO-ECONOMIC RECONFIGURATION AS THE CAUSE OF TRANSFORMED HUMAN-ENVIRONMENTAL RELATIONSHIPS. THE CRISIS OF THE CALCOLITHIC-BRONZE AGE SOUTHERN IBERIAN PENINSULA

Hinz, Martin (Institut für Ur- und Frühgeschichte CAU Kiel) - Schirmmacher, Julien (Institut für Geowissenschaften CAU Kiel) - Kneisel, Jutta (Institut für Ur- und Frühgeschichte CAU Kiel) - Weinelt, Mara (Graduiertenschule Human Development in Landscapes CAU Kiel)

#### 17:30 THE FIMBULWINTER OF AD 536-538: CRISIS, ADAPTATION OR DECLINE?

Gundersen, Ingar (Museum of Cultural History, University of Oslo) - Bostic, Joshua Neilson (Department of Geosciences, The Faculty of Mathematics and Natural Sciences, University of Oslo)

#### 17:45 SOLAR ENERGY, BIODIVERSITY AND HUMAN POPULATION STABILITY DURING THE HOLOCENE

Robinson, Erick (University of Wyoming) - Freeman, Jacob - Bird, Darcy (Department of Sociology, Social Work, and Anthropology, Utah State University) - Baggio, Jacopo (Department of Environment and Society, Utah State University) - Byers, David (Department of Sociology, Social Work, and Anthropology, Utah State University) - Gayo, Eugenia (Center for Climate and Resilience Research - CR2) - Finley, Judson Byrd (Department of Sociology, Social Work, and Anthropology, Utah State University) - Meyer, Jack (Far Western Archaeological Research Group, Inc.) - Kelly, Robert L. (Department of Anthropology, University of Wyoming) - Anderies, John M. (School of Evolution and Social Change, Arizona State University)

## 690 WOODLAND ARCHAEOLOGY: APPROACHES, METHODS, CURRENT PROBLEMS AND FUTURE PERSPECTIVES

ROOM: UB405

TIME: 8:30 - 13:00

THEME: Theories and methods in archaeological sciences

FORMAT: Regular session

ORGANISERS: Niedziółka, Kamil (Institute of Archaeology, Cardinal Wyszyński University, Warsaw) - Vařeka, Pavel (Department of Archaeology, Faculty of Philosophy and Arts, University of West Bohemia) - Konczewski, Paweł (Department of Anthropology, Wrocław University of Environmental and Life Sciences)

### ABSTRACTS

- 8:30 OFF-SITE ARCHAEOLOGY IN THE FOREST ZONE: APPROACHES TO DELINEATING THE AREAS OF SWIDDEN CULTIVATION**  
Ponomarenko, Elena (Kazan Federal University; University of Ottawa) - Ershova, Ekaterina (Moscow State Lomonosov University; Kazan Federal University) - Vyazov, Leonid (Kazan Federal University) - Blinnikov, Mikhail (St Cloud State University)
- 8:45 THE NON-INVASIVE PROSPECTION OF FORESTED AREA ON THE EXAMPLE OF SETTLEMENT COMPLEX AT STRUŻYNA (NORTH-EASTERN POLAND)**  
Rutyna, Magdalena - Solecki, Rafał - Rabięga, Kamil (Institute of Archaeology, Cardinal Stefan Wyszyński University in Warsaw)
- 9:00 INTO THE WOODS! ARCHAEOLOGICAL RESEARCH IN BAGICZ WOODLAND - RESULTS, PROBLEMS AND PERSPECTIVES**  
Chmiel-Chrzanowska, Marta (University of Szczecin)
- 9:15 MAGNETIC SURVEYING IN A DEEP FOREST: DISCOVERING IRON SMELTING SITES IN WESTERN SIBERIAN TAIGA**  
Zaitceva, Olga - Vodyasov, Evgeny - Pushkarev, Andrey (Tomsk State University)
- 9:30 NON-INVASIVE APPROACH TO WOODLAND ARCHAEOLOGY. CASE STUDY OF MT. CHEŁMO MEDIEVAL HILL-FORT (CENTRAL POLAND)**  
Wroniecki, Piotr (Independent researcher) - Sikora, Jerzy (Institute of Archaeology, University of Łódź) - Kittel, Piotr (Department of Geomorphology and Palaeogeography, Faculty of Geographical Sciences, University of Łódź)
- 9:45 ARCHAEOLOGICAL SURVEYS IN JURA MOUNTAIN WOODLANDS: METHODOLOGY AND FIRST RESULTS**  
Chevassu, Valentin - Bichet, Vincent - Richard, Hervé - Thivet, Matthieu (UMR 6249 Chrono-Environnement / Université de Bourgogne-Franche-Comté)

**10:00 CHALLENGES AND OPPORTUNITIES – RESEARCH IN BIAŁOWIEŻA PRIMEVAL FOREST**

Jakubczak, Michal (Institute of Archaeology and Ethnology Polish Academy of Sciences; Institute of Archaeology Cardinal Stefan Wyszyński University in Warsaw) - Wawrzeniuk, Joanna - Budziszewski, Janusz (Institute of Archaeology Cardinal Stefan Wyszyński University in Warsaw) - Krasnodębski, Dariusz (Institute of Archaeology and Ethnology Polish Academy of Sciences) - Niedziółka, Kamil - Rutyna, Magdalena - Szubski, Michał - Szlązak, Roman (Institute of Archaeology Cardinal Stefan Wyszyński University in Warsaw) - Urbańczyk, Przemysław (Institute of Archaeology Cardinal Stefan Wyszyński University in Warsaw; Institute of Archaeology and Ethnology Polish Academy of Sciences)

**10:15 DISCUSSION SLOT****11:00 WINTERS HAVE COME AND WOODS STAYED: NEW METHODOLOGICAL APPROACH OF THE BERCÉ FOREST MASSIF (PAYS DE LA LOIRE, FRANCE)**

Choplin, Morgan (University Rennes 2)

**11:15 FORMS OF FOREST EXPLOITATION IN THE CENTRAL EUROPEAN LOWLANDS. EXAMPLES FROM THE LOWER SILESIAN WILDERNESS (POLAND)**

Konczewski, Pawel (Wrocław University of Environmental and Life Science, Department of Anthropology) - Konczewska, Magdalena (University of Wrocław, Institute of Archaeology)

**11:30 WOODLANDS VS. SETTLEMENTS: RELICTS OF RUSSIAN LATE MEDIEVAL LANDSCAPE**

Kutakov, Sergey (State Academic University for the Humanities; Staritsa Museum of Local History)

**11:45 URBAN ARCHEOLOGY IN TAIGA SIBERIA: PROBLEMS OF SEARCH AND LOCALIZATION**

Chernaya, Mariya - Barsukov, Evgeniy (National Research Tomsk State University; Institute of Archaeology and Ethnography of the Siberian Branch of the Russian Academy of Sciences) - Chernaya, Lyudmila (National Research Tomsk State University)

**12:00 ARCHAEOLOGICAL RESEARCH OF KAMPINOS FOREST – FIRST CONCLUSION**

Paczkowski, Michal (State Archaeological Museum in Warsaw)

**12:15 LIVING MONUMENTS OF THE SECOND WORLD WAR: TERRESTRIAL LASER SCANNING AND TREES WITH CARVINGS**

Kobialka, Dawid (Institute of Archaeology and Ethnology PAN)

**12:30 DISCUSSION SLOT****POSTERS****a. NON-INVASIVE ARCHAEOLOGICAL RESEARCH OF THE MANOR HOUSES IN WOODLANDS OF THE NORTHERN MAZOVIA**

Zdeb, Katarzyna (Institute of Archaeology Cardinal Stefan Wyszyński University in Warsaw)

**b. THIRTY YEAR'S WAR IN THE FOREST. CASE STUDY FROM WEST BOHEMIA (CZECH REPUBLIC)**

Preusz, Michal (Department of Archaeology, Faculty of Philosophy and Arts, University of West Bohemia in Pilsen)

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## 692 CULTURAL HERITAGE IN MODERN CONFLICTS

**ROOM:** UB303

**TIME:** 14:00 - 17:30

**THEME:** Archaeology and the future of cities and urban landscapes

**FORMAT:** Regular session

**ORGANISERS:** Sabine, Isber (CSIC; Heritage For Peace) - Cunliffe, Emma (Durham University; Newcastle University) - José Ibáñez, Juan (CSIC)

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### ABSTRACTS

**14:00 REACTIVATING THE 1954 HAGUE CONVENTION: CULTURAL PROPERTY PROTECTION 70 YEARS ON**

Cunliffe, Emma - Fox, Paul (Newcastle University; Blue Shield International)

**14:15 : LOCAL AND INTERNATIONAL NGOS WORKING TO PROTECT SYRIA'S CULTURAL HERITAGE**

Sabrine, Isber (Heritage For Peace; Spanish National Research Council - CSIC)

**14:30 CONFLICT AND HERITAGE IN SOUTHERN ARABIA: DEVELOPING A HERITAGE MANAGEMENT PLATFORM FOR YEMEN**

Fradley, Michael (University of Oxford)

**14:45 DISCUSSION SLOT**

**15:00 THE SHIRĪN INITIATIVE: PAST, PRESENT AND FUTURE**

Pucci, Marina (Università degli studi di Firenze) - Nieuwenhuijse, Olivier (Universiteit Leiden) - Jamieson, Andrew (University of Melbourne) - Novák, Mirko (Universität Bern)

**15:15 THE ARCHAEOLOGICAL VALUE OF CONFLICT DAMAGED SITES: LEBANON AS A CASE STUDY**

Newson, Paul (American University of Beirut) - Young, Ruth (University of Leicester)

**15:30 DISCUSSION SLOT**

**16:30 HERITAGE AT RISK. DESTRUCTION, CONSTRUCTION AND DECONSTRUCTION**

Teiggeler, Rene (Culture in Development)

**16:45 A (NEW) METHOD FOR STUDYING HERITAGE DESTRUCTION?**

González Zarandona, José (Alfred Deakin Institute for Citizenship and Globalisation)

**17:00 DISCUSSION SLOT**

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## 711 TAKING CONFLICT ARCHAEOLOGY BEYOND NATIONAL BORDERS

**ROOM:** UB405

**TIME:** 14:30 - 18:30

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** van Lochem, Philip (University of Birmingham; Ironbridge International Institute for Cultural Heritage) - Carman, John (University of Birmingham; Ironbridge International Institute for Cultural Heritage) - Reynolds, Kyle (University of Birmingham; Ironbridge International Institute for Cultural Heritage) - King, Christopher (University of Birmingham)

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### ABSTRACTS

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- 14:30 AT THE CROSSROADS OF ETHICS, ARCHAEOLOGY AND MILITARY REGULATION: THE RECOVERY OF FALLEN SOLDIERS FROM THE FIRST WORLD WAR**  
De Decker, Sam (Onroerend Erfgoed)
- 14:45 UNDER A SPREADING CHESTNUT TREE - RECORDING ANZAC FIRST WORLD WAR GRAFFITI ON SALISBURY PLAIN**  
Miles, Daniel (HE - Historic England)
- 15:00 SAMI BORDER PILOTS AND GERMAN BORDER GUARD DURING THE SECOND WORLD WAR**  
Andersen, Oddmund (Árran lulesamisk senter)
- 15:15 DEATH, MEMORY, AND PLACE: AMERICAN ATTITUDES TOWARD MILITARY BURIALS OVERSEAS**  
Reynolds, Kyle (University of Birmingham; Ironbridge International Institute for Cultural Heritage)
- 15:30 DISCUSSION SLOT**
- 15:45 THE GREAT ESCAPE OVER THE BALTIC SEA**  
Arnshav, Mirja (Stockholm University)
- 16:30 THE DESTROYER OF THE WORLDS IS HIDDEN IN THE FORESTS. COLD WAR NUCLEAR WARHEAD STORAGE SITES IN POLAND**  
Kiarszys, Grzegorz (Department of Archaeology, Szczecin University)
- 16:45 DISCUSSION SLOT**
- 17:00 WHAT IS A 'HISTORIC BATTLEFIELD' AND DOES IT MATTER THAT WE KNOW? A QUERY TO THE INTERNATIONAL BATTLEFIELD ARCHAEOLOGY COMMUNITY**  
Carman, John - Carman, Patricia (Ironbridge International Institute for Cultural Heritage, University of Birmingham)
- 17:15 THREATS TO THE SURVIVAL OF UK BATTLEFIELD ASSEMBLAGES: IMPLICATIONS FOR PRESERVATION**  
Rowe, Samantha (University of Huddersfield; Historic England)

**17:30 STUDYING BATTLEFIELDS AT THE CROSSROADS OF ARCHAEOLOGY, HISTORY AND HERITAGE**

van Lochem, Philip (University of Birmingham; Ironbridge International Institute for Cultural Heritage)

**17:45 THE APPLICATION OF BATTLEFIELD LANDSCAPE ANALYSIS TECHNIQUES TO MULTIPLE BATTLE SITES**

King, Christopher (University of Birmingham)

**18:00 DISCUSSION SLOT****721 CONNECTIONS AND CONCURRENCIES: THE GLOBAL TURN IN HISTORICAL ARCHAEOLOGY AND FUTURE CHALLENGES IN EUROPEAN HISTORICAL ARCHAEOLOGY**

**ROOM:** UB102

**TIME:** 8:30 - 13:00

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Session with keynote presentation and discussion

**ORGANISERS:** Nordin, Jonas (The Swedish History Museum) - Horning, Audrey (Queens University, Belfast)

**ABSTRACTS****8:30 EUROPE'S HOLY WARS: COMPARATIVE ARCHAEOLOGIES OF CRUSADING AND CULTURAL TRANSFORMATION**

Pluskowski, Aleks (Department of Archaeology, University of Reading)

**8:45 DECOLONIZING THE COLONIZED: NEXUS1492 - NEW WORLD ENCOUNTERS IN A GLOBALIZING WORLD**

Hofman, Corinne - Antczak, Andrzej (Faculty of Archaeology, Leiden University)

**9:00 BRIGHT LIGHT AND INCLUSION: CARIBBEAN INFLUENCES IN THE DEPICTION AND CREATION OF CULTURAL LANDSCAPES**

Armstrong, Douglas (Syracuse University)

**9:15 WHAT IS THE IMPACT OF GLOBAL CHANGE ON THE NATURE OF HISTORICAL ARCHAEOLOGY IN POLAND?**

Duma, Pawel (Institute of Archaeology University of Wroclaw)

**9:30 REFLECTING FUTURES: EMPLOYING GLAZED COARSE EARTHENWARE TO EXPLORE THE CONFLICT BETWEEN IDENTITY AND CULTURAL CHANGE IN POST-MEDIEVAL ULSTER**

Carver, Naomi (Queen's University Belfast)

- 9:45 COMPARATIVE ARCHAEOLOGIES OF COLONIALISM IN THE EARLY MODERN ATLANTIC: DISSONANCE AND CONCORDANCE**  
 Horning, Audrey (Queen's University Belfast; College of William & Mary)
- 10:00 HUGE OCEANS, SMALL COMPARISONS: DANISH ENCLAVES IN THE INDIAN AND ATLANTIC OCEANS**  
 Hauser, Mark (Northwestern University)
- 10:15 COLONIAL HIERARCHIES AND LOCAL PRAXIS: THE CONSTRUCTION OF ETHNIC HIERARCHIES IN FENNOSCANDIVA**  
 Nordin, Jonas (Swedish National Historical Museum)
- 11:00 CONNECTIONS AND CONCURRENCIES: EARLY MODERN EUROPE AND NORTH ATLANTIC AMERICAN COLONIES**  
 De Cunzo, Lu Ann (University of Delaware)
- 11:15 CONSUMERISM AND COMMODITY PRODUCTION THE LONG ARC CONNECTING PAST AND FUTURE**  
 Mrozowski, Stephen (Fiske Center for Archaeological Research)
- 11:30 DISCUSSION SLOT**

## 726 FARMING UNDER THE CRESCENT MOON: ARCHAEOLOGICAL INSIGHTS INTO THE MEDIEVAL 'ISLAMIC GREEN REVOLUTION'

**ROOM:** UB220

**TIME:** 8:30 - 12:00

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Garcia, Marcos (Department of Medieval History, University of Granada) - Ros, Jérôme (UMR7209, CNRS-MNHN-SU) - Alexander, Michelle (Department of Archaeology, BioArCh, University of York)



### ABSTRACTS

- 8:30 INTRODUCTORY REMARKS: PEASANTS, AGRICULTURE AND THE 'LONG SHADOW' OF WATSON**  
 Garcia, Marcos (Department of Medieval History, University of Granada) - Ros, Jérôme (UMR7209, CNRS-MNHN-SU) - Alexander, Michelle (Department of Archaeology, BioArCh, University of York)
- 8:45 ARCHAEOBOTANICAL STUDIES AT THE TASHBULAK ARCHAEOLOGICAL SITE DURING THE QARAKHANID PERIOD**  
 Spengler, Robert (Max Planck Institute for the Science of Human History)

- 9:00 AGRICULTURAL EVOLUTION IN BILAD-AS-SHAM FROM THE BYZANTINE-ISLAMIC TRANSITION UNTIL THE OTTOMAN PERIOD. A ARCHAEOBOTANIST'S REVIEW OF WATSON'S ARAB AGRICULTURAL REVOLUTION**  
Hansen, Annette (University of Groningen)
- 9:15 INNOVATION OR PRESERVATION? ABBASID AUBERGINES, ARCHAEOBOTANY AND THE ISLAMIC GREEN REVOLUTION**  
Fuks, Daniel - Weiss, Ehud (Archaeobotany Lab, Bar-Ilan University)
- 9:30 NEW ARCHAEOBOTANICAL EVIDENCE OF EARLY ISLAMIC AGRICULTURAL ECONOMY AT ASHKELON AND CAESAREA MARITIMA**  
Forste, Kathleen (Boston University)
- 9:45 ARCHAEOLOGICAL INDICATIONS OF AGRICULTURAL INNOVATION IN SICILY, 9-11TH CENTURY**  
Carver, Martin (University of York) - Fiorentino, Girolamo - Primavera, Milena (University of Salento) - Aniceti, Veronica (University of Sheffield) - Molinari, Alessandra (University of Rome Tor Vergata)
- 10:00 DIET IN TRANSITION: STABLE ISOTOPE ANALYSIS OF HUMANS AND ANIMALS FROM MEDIEVAL SICILY**  
Ughi, Alice - Alexander, Michelle (University of York, BioArCh)
- 10:15 DISCUSSION SLOT**
- 11:00 TECHNOLOGY OR TECHNIQUE? IRRIGATION AS A SOCIOTECHNICAL OPTION IN AL-ANDALUS**  
Carvajal Lopez, Jose (University of Leicester) - Jimenez Puertas, Miguel (Universidad de Granada)
- 11:15 NATIVE PEASANTS, SETTLER COLONIZATION AND DRY FARMING IN CASARABONELA (MÁLAGA), XVTH-XVITH C.**  
López García, Esteban (Esteban López García)
- 11:30 DISCUSSION SLOT**

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## 731 MUSIC ARCHAEOLOGY: RECENT TRENDS AND FUTURE CHALLENGES

**ROOM:** UB209

**TIME:** 8:30 - 13:00

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Jiménez Pasalodos, Raquel (Universidad de Valladolid; European Music Archaeology Project) - S. Lund, Cajsa (Linnaeus University, Växjö-Kalmar; European Music Archaeology Project) - García Benito, Carlos (Centro de Estudios Turiasonenses)



**8:30 “HUNTING CALLS” IN THE EUROPEAN PREHISTORY**

García Benito, Carlos (Centro de Estudios Turiasonenses) - Mazo Pérez, Carlos - Alcolea Gracia, Marta (University of Zaragoza)

**8:45 11TH CENTURY FRAGMENT OF STRING INSTRUMENT IN OSTRÓW LEDNICKI, POLAND**

Mazurek, Stanislaw (Independent) - Popławska, Dorota (Independent)

**9:00 A SINGING BONE FROM THE ROTTEN LAKE (MÄTÄJÄRVI) QUARTER OF MEDIEVAL TURKU, FINLAND: COMMUNICATION, ENTERTAINMENT, CONTEMPORARY MUSICAL EXPLORATION**

Tamboer, Annemies (Independent researcher) - Rainio, Riitta (University of Helsinki, Department of Musicology) - Riikonen, Taina (Independent artist)

**9:15 MUSIC AND DANCE IN BABYLONIAN RITUALS: PROBLEMS AND CHALLENGES IN MATCHING TEXTS AND IMAGES**

Shehata, Dahlia (University of Würzburg) - Bellucci, Benedetta (Istituto “Carlo del Prete”, Cassolnovo)

**9:30 MUSIC AND RITUAL IN HELLENISTIC AND PARTHIAN BABYLONIA: ARCHAEOLOGICAL CORRELATES AND WRITTEN EVIDENCE OF TEMPLE CEREMONIES**

Da Riva, Rocio (University of Barcelona)

**9:45 ROMAN DOMESTIC SOUNDSCAPES: A NEW VESUVIAN PERSPECTIVE**

Mungari, Pasquale Mirco (Independent Researcher)

**10:00 DISCUSSION SLOT**

**11:00 RELIVING ANCIENT MUSIC. SOUNDSCAPES OF ANTIQUITY REVISITED TODAY. FROM THE WRITTEN AND MATERIAL SOURCES TO THE EXPERIMENTATION ON THE STAGE**

Panosa Domingo, Maria Isabel (Associació Cultural Arqueoeskena)

**11:15 MUSIC ON BOARD THE ROYAL SWEDISH FLAGSHIP KRONAN (LOST 1676)**

Stomberg Lund, Cajsa (Linnaeus University)

**11:30 A PAN FLUTE FROM EGYPT: PUBLIC ENGAGEMENT AND DISSEMINATION AT MUSEUM OF ARCHAEOLOGICAL SCIENCES AND ART, UNIVERSITY OF PADUA, ITALY**

Menegazzi, Alessandra (Museum of Archaeological Sciences and Art, University of Padua) - Zanovello, Paola (University of Padua; Department of Cultural Heritage)

**11:45 RESEARCH INTO USING VIRTUAL REALITY AND ARCHAEOACOUSTIC ANALYSIS TO STUDY AND EXHIBIT PRESENCE**

Wolfe, Kristina - Till, Rupert (University of Huddersfield)

**12:00 THE PRODUCTION AND DISSEMINATION OF MUSIC ARCHAEOLOGICAL KNOWLEDGE: SCIENCE, ART AND ENTERTAINMENT**

Jiménez Pasalodos, Raquel (Universidad de Valladolid)



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**PAISAJE CULTURAL  
RISCO CAÍDO  
Y LOS  
ESPACIOS  
SAGRADOS DE MONTAÑA  
GRAN CANARIA**

Risco Caído and the Sacred Mountains of Gran Canaria Cultural Landscape is located in a wide mountainous area of the island of Gran Canaria and hosts outstanding archaeological manifestations of a Berber (Amazigh) -Northern African culture that remained isolated over a period of at least 1500 years: large troglodyte settlements, sanctuaries, granaries, engravings and painted decoration inside man made caves, equinoctial markers. That society reached a complex social, economic, political and religious organization, without the knowledge of metal. Even today elements of that culture still survive: troglodyte habitat, transhumance and hand made pottery.

In Risco Caído settlement outstands a remarkable cave of great technical perfection, whose architecture creates an ingenious optical system, with a clear astronomical and symbolic significance.

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**12:15 MUSIC ARCHAEOLOGY IN EDUCATION**

García Benito, Carlos (Centro de Estudios Turiasonenses) - Láinez Gracia, Beatriz (Independent researcher)

**12:30 DISCUSSION SLOT**


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**738 FROM CORRUPTION TO CONNECTION AND BACK. NEW ARCHAEOLOGICAL INSIGHTS IN THE MEDITERRANEAN SEASCAPES**

**ROOM:** UB401

**TIME:** 14:00 - 18:00

**THEME:** Mediterranean seascapes

**FORMAT:** Regular session

**ORGANISERS:** Sebastiani, Alessandro (University at Buffalo - SUNY) - Vanni, Edoardo (University of Siena)

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**ABSTRACTS**
**14:00 INTRODUCTION OF SESSION#738**

Sebastiani, Alessandro (University at Buffalo - SUNY)

**14:15 THE GIANT SQUID IN THE ACQUARIUM. DEBATING CORRUPTION IN ARCHAEOLOGY: A STORY OF MEDITERRANEAN CONNECTION?**

Vanni, Edoardo (University of Siena)

**14:30 THE PHAEACIAN MIGRATION: ANXIETIES OF MOBILITY IN ARCHAIC GREECE**

van Veldhuizen, Michiel (Brown University)

**14:45 FROM COLONIALISM TO CONNECTIVITY: ROMAN REPUBLICAN IMPERIALISM AND THE TYRRHENIAN ECONOMY**

Collins-Elliott, Stephen (University of Tennessee, Knoxville)

**15:00 ETHNIC IDENTITIES AND MOBILITY BETWEEN THE MAINLAND AND THE TUSCAN ARCHIPELAGOS: THE CASE STUDY OF POPULONIA AND THE ELBA ISLAND**

Di Paola, Giorgia - Pagliantini, Laura (University of Siena)

**15:15 QUO VADIS: RECONSIDERING SARDINIA'S CONTACTS WITH TIRRENIC COASTAL LANDINGS**

Hobart, Michelle (The Cooper Union for the Advancement of Science and Art)

**15:30 DISCUSSION SLOT****16:30 WHY A ROMAN FORTRESS AT POGGIO DEL MOLINO?**

Megale, Carolina (Università di Firenze)

- 16:45 INTERCONNECTED MOBILITY ALONG THE RIVER OMBRONE IN THE ROMAN PERIOD**  
Sebastiani, Alessandro (University at Buffalo - SUNY)
- 17:00 CONNECTIVITY AMONG TRANSHUMANCE, CULT PLACES AND SAMNITE FORTIFIED SETTLEMENTS IN MOLISE (ITALY)**  
Trotta, Valentina (Ministry of Cultural Heritage and Activities and Tourism - MiBAC)
- 17:15 TRANSHUMANCE ROUTES AND ARCHAEOLOGICAL SITES. A CASE STUDY IN WESTERN SICILY**  
Trotta, Valentina (Ministry of Cultural Heritage and Activities and Tourism - MiBAC)
- 17:30 DISCUSSION SLOT**

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## **744 THE WOMEN DIMENSION IN ARCHAEOLOGY: BETWEEN POLITICS AND SOCIAL CONSTRAINS**

**ROOM:** CCCB-1A

**TIME:** 8:30 - 10:30

**THEME:** Archaeology and the European Year of Cultural Heritage

**FORMAT:** Discussion session

**ORGANISERS:** Magno, Laura Matilde (Université Catholique de Louvain la Neuve) - Ruiz, Carmen (Universitat Oberta de Catalunya; International Education for Students)

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### **ABSTRACTS**

- 8:30 SILENCING WOMEN'S POINT OF VIEW: SOME SOCIOLOGICAL DATA ON THE EXCLUSIONARY PRACTICES OCCURRING IN THE FIELD OF ARCHAEOLOGY**  
Magno, Laura Matilde (Université Catholique de Louvain la Neuve) - Nenova, Denitsa (UCL, Institute of Archaeology)
- 8:45 INVISIBLE VIOLENCES IN ARCHAEOLOGY: FROM GENDER AS A SUBJECT MATTER TO EXAMINE GENDERED PRACTICES**  
Ruiz, Carmen (Universitat Oberta de Catalunya; Universitat Internacional de Catalunya)
- 9:00 WE ARE NOT INVISIBLE, BUT YOU MIGHT NEED PURPLE GLASSES TO SEE US**  
Perez-Juez, Amalia (Sección de Arqueología del Colegio de Licenciados de Madrid; Boston University) - López, Lourdes - Cuesta, Marta - Benito, Laura - García, María Luisa - Sánchez, Helena (Sección de Arqueología del Colegio de Licenciados de Madrid) - Torija, Alicia (Sección de Arqueología del Colegio de Licenciados de Madrid; Tufts University)
- 9:15 MAKING GENDER DISCRIMINATION VISIBLE IN ARCHAEOLOGY IN TIMES OF NEOLIBERAL CHANGE**  
Camus, Celine (Institut Milà i Fontanals - CSIC, MSCA-IF) - Nieto Espinet, Ariadna (Institut Milà i Fontanals - CSIC, ERC-StG ZoomWest) - Campanera Reig, Mireira (Universitat Rovira i Virgili - RRV)

**9:30 I WANT MY PORTA-POTTI: THE #METOO MOVEMENT FROM AN ITALIAN  
ARCHAEOLOGICAL PERSPECTIVE**

D'Eredità, Astrid (High Institute for Conservation and Restoration, ISCR MiBACT)

**9:45 DISCUSSION SLOT**

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**747 ARCHAEOLOGY OF VISIGOTHIC AND CAROLINGIAN EUROPE (5TH-  
9TH CENTURIES)**

**ROOM:** UB303

**TIME:** 8:30 - 13:00

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Ollich, Imma (Universitat de Barcelona, GRAMP; Museu Arqueològic de l'Esquerda) -  
Paardekooper, Roeland (EXARC) - Pratdesaba, Albert (Museu Arqueològic de l'Esquerda; Universitat de  
Barcelona-GRAMP)



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**ABSTRACTS**

**8:30 CAROLINGIAN HORIZON AT SLOVENIAN SITES**

Karo, Špela (Zavod za varstvo kulturne dediscine Slovenije; Narodni muzej Slovenije)

**8:45 BORDERS, MARGINS AND PEOPLING PROCESSES IN MOUNTAIN AREAS (5TH - 9TH  
CENTURIES): THE STUDYCASE OF REVENGA (BURGOS, SPAIN)**

Travé Allepuz, Esther - Álvaro Rueda, Karen (Universitat de Barcelona) - Domingo Ribas,  
Guillem (University of Edinburgh) - López Pérez, María Dolores (Universitat de Barcelona)

**9:00 MONASTIC COMMUNITIES IN THE VISIGOTHIC PERIOD: PYRENEES MOUNTAINS. THE  
EXAMPLE OF ELS ALTIMIRIS**

Sancho, Marta (Universitat de Barcelona; Institut de Recerca en Cultures Medievales - IRC-  
VM) - Alegría, Walter (Walvia) - Coso, Júlia (Universitat de Barcelona)

**9:15 SITE TRANSFORMATION AND CERAMIC REVIEW AT THE ARCHAEOLOGICAL SITE OF  
SANTA MARGARIDA (MARTORELL, BARCELONA) (6TH - 12TH CENTURIES)**

Travé Allepuz, Esther (Universitat de Barcelona; Centre d'Estudis Martorellencs) - Farreny  
Agràs, Montserrat - Navarro Sáez, Rosario (Centre d'Estudis Martorellencs) - Socorregut  
Domènech, Josep - Fresno Bernal, Pablo (Sistemes de Gestió de Patrimoni SCCL) - Mauri  
Martí, Alfred (Centre d'Estudis Martorellencs)

**9:30 THE CAROLINGIAN ORIGINS OF A MEDIEVAL VILLAGE NEAR CAP DE CREUS  
(CATALONIA): SANTA CREU DE RODES**

Ollich, Imma (Universitat De Barcelona-GRAMP; Museu Arqueològic de l'Esquerda) - Mata-  
ró, Montserrat (Generalitat de Catalunya; Universitat de Barcelona-GRAMP) - Puig, Anna-  
maria - Travé, Esther (Universitat de Barcelona-GRAMP) - Díaz-Carvajal, Antònia (Universi-  
tat de Barcelona-GRAMP; Museu Arqueològic de l'Esquerda) - Agustí, Bibiana (Universitat  
de Barcelona-GRAMP)

**9:45 THE ARCHAEOLOGY OF GRAIN STORAGE IN SILOS IN THE NE OF PROVINCIAL TARRACONENSIS DURING THE LATE ANTIQUITY**

Prat, Marc (Universitat de Girona)

**10:00 NEW DATA ON THE PUIG ROM VISIGOTHIC CASTRUM (ROSES, ALT EMPORD?)**

Subias, Eva (Universitat Rovira i Virgili; Institut Català d'Arqueologia Clàssica) - Puig Griessenberger, Anna Maria (UB) - Codina, Dolors (URV) - Fiz, José Ignacio (Institut Català d'Arqueologia Clàssica; Universitat Rovira i Virgili)

**10:15 DISCUSSION SLOT**

**11:00 TORRE DE LA MORA, A FORTIFICATION OF THE 9TH CENTURY (SANT FELIU DE BUIXALLEU, LA SELVA)**

Tura, Jordi (Museu Etnològic del Montseny) - Mataró, Montserrat (Servei d'Arqueologia - Girona (Departament de Cultura, Generalitat de Catalunya)) - Font, Gemma - Mateu, Joaquim - Pujadas, Sandra (Museu Etnològic del Montseny) - Rueda, Josep Manel (Museu d'Arqueologia de Catalunya)

**11:15 L'ESQUERDA: A MILITARY SITE IN PREPYRENEAN AREA THROUGH VISIGOTHIC AND CAROLINGIAN TIMES**

Pratdesaba-Sala, Albert - Ollich, Imma (Universitat de Barcelona; Museu Arqueològic de l'Esquerda) - Rocafiguera, Montserrat - Pujol-Camps, Àngels (Museu Arqueològic de l'Esquerda) - Amblàs, Oriol (Escola d'Art i Superior de Disseny de Vic; Museu Arqueològic de l'Esquerda) - Subirana, Ocaña (Museu Arqueològic de l'Esquerda) - Díaz, Antònia (InSitu SCP) - Serrat, David (Universitat de Barcelona)

**11:30 THE CAROLINGIAN SILOS OF GIRONA: THE EXAMPLE OF A COUNTY CITY DURING 8 AND 9TH CENTURIES AD**

Prat, Marc (Universitat de Girona) - Nolla, Josep Maria (Universitat de Girona)

**11:45 DISCUSSION SLOT**

**POSTERS**

**a. THE 'IMITATIO IMPERII' IN THE VISIGOTHIC KINGDOM OF TOLEDO: AN ARCHAEOLOGICAL OVERVIEW THROUGH NUMISMATICS**

Sales-Carbonell, Jordina - Buenacasa Pérez, Carles (Universitat de Barcelona)

**b. LATE ANTIQUITY MONASTERIES IN THE IBERIAN PENINSULA: AN ARCHAEOLOGICAL SUMMARY**

Sales-Carbonell, Jordina - Sancho i Planas, Marta (Universitat de Barcelona)



## 749 FROM STRATEGIES TO PRACTICE IN THE PROTECTION AND PROMOTION OF ARCHAEOLOGICAL LANDSCAPES

ROOM: UB219

TIME: 14:00 - 18:00

THEME: Archaeology and the European Year of Cultural Heritage

FORMAT: Regular session

ORGANISERS: Jerem, Elizabeth (Archaeolingua Foundation) - Črešnar, Matija (University of Ljubljana) - Potrebica, Hrvoje (University of Zagreb)

### ABSTRACTS

#### 14:00 FROM SITE TO LANDSCAPE: INTEGRATED APPROACH TO IRON AGE LANDSCAPE STUDIES (CASE STUDY POŽEGA VALLEY)

Potrebica, Hrvoje (Center for Prehistoric Research; University of Zagreb) - Rakvin, Marta (Archaeological Museum in Zagreb)

#### 14:15 PUBLIC INTEREST ROLE IN THE LANDSCAPE HERITAGE MANAGEMENT: KAPTOL CULTURAL LANDSCAPE CASE STUDY

Balen, Jacqueline - Bertol Stipetić, Anja (Archaeological Museum in Zagreb)

#### 14:30 IRON-AGE-DANUBE INTERREG DTP IN JALŽABET: RE-IMAGINING ARCHAEOLOGICAL LANDSCAPE AND RE-THINKING ITS PROTECTION

Kovacevic, Sasa (Institute of Archaeology, Zagreb)

#### 14:45 MONUMENT PROTECTION: PROS AND CONS IN THE MICRO REGION STRETTWEG (STYRIA/AUSTRIA)

Tiefengraber, Susanne (University Graz Austria)

#### 15:00 DISCUSSION SLOT

#### 15:15 CHANGING LEGAL AND SOCIAL ENVIRONMENT: NEW RELATIONSHIPS BETWEEN INVESTOR, LOCAL COMMUNITY AND ARCHAEOLOGISTS IN THE 21ST CENTURY

Wollak, Katalin (Independent heritage expert; Expert in Iron Age Europe INTERREG project and in FRE The Danube Limes world heritage nomination)

#### 15:30 FROM ARCHAEOLOGICAL PARK TO ARCHAEOLOGICAL LANDSCAPE PROTECTION AND PROMOTION

Magdolna, Vicze (Matrica Museum)

#### 15:45 DISCUSSION SLOT

#### 16:30 FROM NEW TECHNOLOGIES, TO STRATEGIES IN RESEARCH, PROTECTION AND PROMOTION OF CULTURAL HERITAGE. CASE STUDY EARLY IRON AGE SLOVENIA

Cresnar, Matija (University of Ljubljana; Institute for the Protection of Cultural Heritage of Slovenia)

**16:45 ARCHAEOLOGISTS AND DATA-COLLECTORS - THE AUSTRIAN PERSPECTIVE**

Hellmuth Kramberger, Anja - Mele, Marko (Universalmuseum Joanneum)

**17:00 HISTORIC ENVIRONMENT RECORDS AND THE CHALLENGES OF HERITAGE DATA MANAGEMENT SYSTEMS**

Delaney, Liam (Herefordshire Archaeology - ALGAO-HER) - Ramsey, Eleanor (City of Wolverhampton Council - ALGAO-HER)

**17:15 BALTICRIM: A NEW EUROPEAN PROJECT FOR THE INTEGRATION OF THE BALTIC SEA'S UNDERWATER CULTURAL HERITAGE IN MARITIME SPATIAL PLANNING**

Zwick, Daniel (ALSH - Archäologisches Landesamt Schleswig-Holstein; BalticRIM-Project)

**17:30 DISCUSSION SLOT**

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**752 GENDER IN MOVEMENT**

**ROOM:** UB105

**TIME:** 11:00 - 13:00

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Discussion session

**ORGANISERS:** Tremeaud, Caroline (UMR 8215 Trajectoires) - Belard, Chloé (UMR 8546 AOROC) - Koch, Julia (Christian-Albrechts-University Kiel)

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**ABSTRACTS****11:00 GENDER INTERPRETATIONS OF MOBILITY IN IRON AGE ARCHAEOLOGICAL RECORD**

Tremeaud, Caroline (UMR 8215 Trajectoires) - Belard, Chloe (UMR 8546 AOROC)

**11:15 TRACING GENDERED MOVEMENT WITH ANCIENT DNA - METHODOLOGY, INTEGRATION AND PERCEPTION**

Mittnik, Alissa (Department of Archaeogenetics, Max Planck Institute for the Science of Human History, Jena; Department of Genetics, Harvard Medical School, Boston)

**11:30 SPREAD OF AGRICULTURE IN EUROPE THROUGH MIGRATION AND INTERBREEDING: A GENDER ISSUE?**

Bon, Celine - Thomas, Aline - Delon, Solene (Museum National d'Histoire Naturelle de Paris; Centre National de la recherche scientifique; Université Denis Diderot)

**11:45 WOMEN ON THE MOVE? A DIALECTIC APPROACH OF MALE / FEMALE MOBILITY IN PROTOHISTORIC CAMPANIA**

Esposito, Arianna (Université de Bourgogne; UMR 6298 ARTEHIS Archéologie Terre Histoire Sociétés) - Desiderio, Anna Maria (Université Paris Nanterre, UMR 7041 ArScAn - Equipe ESPRI; Università degli studi di Salerno - Dispac)



**12:00 BECOMING EUROPEAN.THE MAKING OF VIKINGS?**

Dommasnes, Liv Helga (University of Bergen)

**12:15 DISCUSSION SLOT**

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**756 THE LIGHT FANTASTIC: THE ARCHAEOLOGY OF ILLUMINATION**

**ROOM:** UB410

**TIME:** 14:00 - 17:30

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Morrison, Wendy (University of Oxford; Oxford Archaeology, Ltd) - Franconi, Tyler (University of Alberta)

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**ABSTRACTS**

**14:00 ILLUMINATING THE WORLD IN PREHISTORIC TIMES**

Higginbottom, Gail (Australian National University; University of Adelaide) - Mom, Vincent (Digital Preservation Projects)

**14:15 FACING THE SUN? UNIFORM ORIENTATION OF THE LBK AND POST-LBK LONGHOUSE REVISED**

Vondrovský, Václav (University of South Bohemia)

**14:30 DISCUSSION SLOT**

**14:45 ILLUMINATION MATTERS: TELLING THINGS OF THE PAST IN A NEW LIGHT**

Campanaro, Danilo (University of Lund)

**15:00 ILLUSIONS OF LIGHT: A NEUROARCHAEOLOGICAL AND PERFORMATIVE APPROACH TO THE ETRUSCAN TOMB SPACE**

Ortoleva, Jacqueline (University of Birmingham)

**15:15 ARTIFICIAL LIGHTING AND PUBLIC SPACES IN ROMAN CITIES**

Canino, Dario (Universitat Autònoma de Barcelona - Sapienza Università di Roma)

**15:30 DISCUSSION SLOT**

**16:30 MIRRORMASK: REFLECTING LIGHT IN IRON AGE BRITAIN**

Morrison, Wendy (University of Oxford School of Archaeology)

**16:45 MIRROR REFLECTIONS IN ANCIENT EGYPT: SOME PRELIMINARY OBSERVATIONS ON LIGHT AND MATERIALITY**

Matic, Uros (Westfälische Wilhelms-Universität Münster)

**17:00 DISCUSSION SLOT**

## 767 RISK PREPAREDNESS IN ARCHAEOLOGICAL PRACTICE AND THEORY

**ROOM:** UB307

**TIME:** 16:30 - 18:30

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Regular session

**ORGANISERS:** Vargas, Amilcar (University of Barcelona) - Sharifi, Reza (Brandenburg University of Technology Cottbus-Senftenberg)

### ABSTRACTS

- 16:30 MANAGEMENT AND PRESERVATION OF BAMIYAN ARCHAEOLOGICAL SITE: A RISK-BASED APPROACH**  
Sharifi, Reza (BTU Cottbus-Senftenberg)
- 16:45 PARALLEL RISK-PREPAREDNESS FOR THE CONSERVATION OF THE ARCHAEOLOGICAL AND NATURAL HERITAGE, THE CASE OF PALENQUE, MEXICO**  
Vargas, Amilcar (University of Barcelona)
- 17:00 THE WASTE LANDS - THE HISTORICAL LANDSCAPE OF PEENEMÜNDE AS AN ARCHAEOLOGICAL SITE**  
Röhl, Constanze (Brandenburgische Technische Universität Cottbus)
- 17:15 DISCUSSION SLOT**
- 17:30 EMPTY DIALOGUES: THE MOST POWERFUL RISK OF ARCHAEOLOGICAL SITE'S CONSERVATION**  
Pastor Perez, Ana (University of Barcelona)
- 17:45 WHEN LEGAL PROTECTION IS NOT ENOUGH. THE PARADOXAL CASE OF TANNERIES IN VIC (BARCELONA, SPAIN)**  
Gomez Bach, Anna (UAB) - Rocafiguera, Montserrat (UB; Fundació Esquerda)
- 18:00 URBAN DEVELOPMENT AS HIGH-RISK FACTOR FOR CONSERVATION OF TEOTIHUACAN. CHALLENGES AND OPPORTUNITIES**  
Vargas, Amilcar (University of Barcelona)
- 18:15 DISCUSSION SLOT**

## 769 **ARCHAEOLOGY OF MATERIAL CULTURE AND TERRITORY WITHIN THE IBERIAN COLONIAL EMPIRES (15TH-18TH CENTURIES)**

**ROOM:** UB412

**TIME:** 14:00 - 16:00

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Inanez, Javier (University of the Basque Country - UPV/EHU) - Teixeira, André (Universidade Nova de Lisboa)

### ABSTRACTS

#### **14:00 IBERIAN CULTURAL CONTACT AND COLONIALISM IN THE ISLAND OF GUAM: THE ABERIGUA PROJECT**

Monton-Subias, Sandra (Universitat Pompeu Fabra) - Bayman, James M. (University of Hawai'i-Manôa) - Moragas, Natalia (Universitat de Barcelona) - Moral, Enrique - Peña, Veronica - Treliso, Laura (University Pompeu Fabra) - Moore, Jacy - Alvarez, Anthony (University of Hawai'i-Manôa) - Quinata, Joe (Guam Preservation Trust)

#### **14:15 CEREMONIAL DRINKING RITUALS AND THE TRANSFORMATION OF INDIGENEITY BEFORE AND AFTER THE SPANISH CONQUEST OF THE ANDES**

Beaule, Christine (University of Hawaii at Manoa)

#### **14:30 CONNECTIVITY AND ISOLATION IN EARLY SPANISH COLONIAL NEW MEXICO**

Jones, Emily Lena - Gabe, Caroline (University of New Mexico)

#### **14:45 IBERIAN SETTLERS AND ANCIENT IRRIGATION SYSTEMS. EXAMPLES FROM THE KINGDOM OF GRANADA AND EARLY COLONIAL PERU (15TH-17TH C.)**

Retamero, Felix (Dept. Ciències de l'Antiguitat i l'Edat Mitjana, Facultat de Filosofia)

#### **15:00 THE TECNOLONIAL PROJECT AND THE 16TH CENTURY CITY OF VALDIVIA (CHILE) IN THE VICEROYALTY OF PERU. FIRST ARCHAEOMETRIC RESULTS**

Buxeda i Garrigós, Jaume - Pinto Monte, Mireia - Madrid i Fernández, Marisol (ARQUB-GRACPE, Universitat de Barcelona) - Urbina A., Simón (Universidad Austral de Chile)

#### **15:15 RED IN COMMON: THE ARCHAEOMETRICAL CHARACTERIZATION OF ROJA BRU?IDA POTTERY FROM PANAMA**

Inanez, Javier (GPAC, Built Heritage Research Group, Faculty of Arts, University of the Basque Country UPV/EHU, Centro de Investigación Micaela Portilla) - Guillermo Martín, Juan (Universidad del Norte, Barranquilla) - Glascock, Michael D. (Research Reactor Center University of Missouri - MURR) - Speakman, Robert J. (Center for Applied Isotope Studies, University of Georgia) - Buxeda i Garrigós, Jaume (Cultura Material i Arqueometria UB - ARQJUB, GRACPE, Dept. de Prehistòria, Història Antiga i Arqueologia, Universitat de Barcelona)

#### **15:30 HOUSES IN KSAR SEGHIR (MOROCCO): ARCHAEOLOGICAL ANALYSIS OF THE URBAN HOUSE IN THE 15TH AND 16TH CENTURIES**

Torres, Joana (CHAM - Centre for the Humanities)

**15:45 DISCUSSION SLOT**

**POSTERS**

**a. 'LAND THAT HAS NEVER BEEN USED BEFORE'. COLONIAL SETTLEMENT AND LAND CLEARING IN ANDALUSIA AND GRAN CANARIA (16TH C.)**

Díaz Sierra, Ignacio (Universitat Autònoma de Barcelona)

**771 ARCHAEOLOGY & ANARCHISTIC THOUGHT – THEORETICAL STANDS AND DIRECT ACTION?**

**ROOM:** UB402

**TIME:** 14:00 - 18:30

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Regular session

**ORGANISERS:** Grahn Danielson, Benjamin (Picea kulturarv) - Swedberg, Stig (Rio Kulturlandskapet) - Lerma Guijarro, Alma (Complutense University of Madrid) - Mejías García, Juan Carlos (University of Seville)

**ABSTRACTS**

**14:00 ANARCHISTIC ARCHAEOLOGY – THEORY IN ACTION**

Grahn Danielson, Benjamin (Picea kulturarv)

**14:15 ARCHAEOLOGY AS ANARCHISM IN PRACTICE**

Carman, John (Ironbridge International Institute for Cultural Heritage)

**14:30 SOCIETIES WITHOUT RULE: A NORMALITY OF EUROPEAN PREHISTORY?**

Mueller, Johannes (Institut fuer Ur- und Fruehgeschichte Kiel)

**14:45 FEMINIST ARCHEOLOGY - A NECESSARY ARCHEOLOGY**

Lerma Guijarro, Alma (Complutense University of Madrid)

**15:00 ESTE IRON AGE CULTURE (NORTH-EASTERN ITALY) AND BOURGEOISIE: A LONGUE DURÉE EMBLEM OF MIDDLE CLASS THOUGHT**

Vanzetti, Alessandro (University of Rome „La Sapienza“)

**15:15 NEGATION, REBELLION, RESISTANCE TO THE STATE IN THE 3RD MILLENNIUM BCE. THE CASE OF THE CHALCOLITHIC SETTLEMENT OF VALENCINA**

Mejías-García, Juan Carlos (University of Seville)

**15:30 DISCUSSION SLOT**

**16:30 C.R.A.S.: ARCHAEOLOGY AND ACTIVISM**

Terol, Lidia (University of Alicante)

**16:45 ARCHAEOLOGY AS ANARCHY**

Swedberg, Stig (Kulturlandskapet)

**17:00 QUESTIONING STATE'S TIGHT GRIP: CULTURAL HERITAGE IN THE REALM OF THE COMMONS**

Lekakis, Stelios (Newcastle University)

**17:15 DOING ANARCHY IN ARCHAEOLOGY?**

Meier, Thomas (University of Heidelberg, Institute for Pre- and Protohistory and Near Eastern Archaeology)

**17:30 CHARCOAL PIT KILNS AS RESISTANCE**

Grahn Danielson, Benjamin (Picea kulturarv)

**17:45 DISCUSSION SLOT****774 THE MISSING WOODLAND RESOURCES: APPROACHES TO THE TECHNOLOGICAL USE OF PLANT RAW MATERIALS**

**ROOM:** UB302

**TIME:** 8:30 - 10:30

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Regular session

**ORGANISERS:** Berihuete-Azorin, Marian (Institute of Botany, University of Hohenheim) - López- Bultó, Oriol (Departament de Prehistòria, Universitat Autònoma de Barcelona) - Martín- Seijo, María (Universidade de Santiago de Compostela) - Piqué- Huerta, Raquel (Departament de Prehistòria, Universitat Autònoma de Barcelona)

Session related to the EAA Community on the Archaeology of Wild Plants.

**ABSTRACTS****8:30 TOUGH AND BENDY: WOOD AS A RAW MATERIAL FOR THE EARLIEST AND LONGEST-SERVING WEAPONS**

Milks, Annemieke (University College London, Institute of Archaeology)

**8:45 PLANT FIBRES AT THE FINAL MESOLITHIC AND THE EARLY NEOLITHIC OF ZAMOSTJE 2, SERGIEV POSAD (RUSSIA)**

Berihuete-Azorin, Marian (Institut für Botanik, Hohenheim Universität) - Lozovskaya, Olga (Laboratory for Experimental Traceology, Institute for the History of Material Culture, Russian Academy of Science)

**9:00 FUNGI IN ARCHAEOLOGICAL SITES: THE CASE OF THE EARLY NEOLITHIC SITE OF LA DRAGA (BANYOLES, SPAIN)**

Palomo, Antoni (Museu d'Arqueologia de Catalunya) - Berihuete, Marian (Institute of Botany, Hohenheim University) - Girbal, Josep (Department of Botany, Universitat Autò-

noma de Barcelona) - Piqué, Raquel (Department de Prehistòria, Universitat Autònoma de Barcelona)

**9:15 SELECTIVE USE OF CORNUS SANGUINEA L. (RED DOGWOOD) BERRIES IN LATE NEOLITHIC**

Tolar, Tjaša (ZRC SAZU, Institute of Archaeology) - Vovk, Irena - Glavnik, Vesna (National Institute of Chemistry, Depart. of Food Chemistry)

**9:30 THE FOREST YIELDS IT ALL. ETHNOARCHAEOLOGICAL AND PALAEOETHNOBOTANICAL INVESTIGATIONS OF PLANT USE BY MOBILE HUNTER-FISHER-HERDERS IN THE NORTHERN SIBERIAN TAIGA**

Piezonka, Henny (Christian Albrechts University Kiel) - Adaev, Vladimir (Tyumen Scientific center, Russian Academy of Sciences) - Kirleis, Wiebke (Christian Albrechts University Kiel) - Poshekhonova, Olga (Tyumen Scientific center, Russian Academy of Sciences)

**9:45 LONG-TERM EFFECTS OF FOREST EXPLOITATION FROM EL ARGAR (2200-1550 CAL BC). BRONZE AGE IN THE SOUTHEASTERN OF THE IBERIAN PENINSULA**

Celma Martínez, Mireia (Universitat Autònoma de Barcelona)

**10:00 PLANT-BASED MANUFACTURES FROM IRON AGE CONTEXTS OF NORTH-WESTERN IBERIA: TECHNOLOGICAL KNOW-HOW AND MATERIALITY**

Martin Seijo, Maria (Universidade de Santiago de Compostela)

**10:15 FIREWOOD EXPLOITATION AND USE IN THE CENTRAL PYRENEES: THE CASE OF THE PARC NACIONAL D'AIGÜESTORTES I ESTANY DE SANT MAURICI**

Obea Gómez, Laura - Gassiot, Ermengol - Celma, Mireia - Salvador, Guillem - Piqué, Raquel (Universitat Autònoma de Barcelona) - Mazzucco, Niccoló (Université Paris Ouest Nanterre) - Quesada, Manuel - Rodriguez Anton, David - Diaz, Sara (Universitat Autònoma de Barcelona) - Clemente, Ignacio (Consejo superior de Investigaciones Científicas - CSIC)

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## **776 HERITAGE MANAGEMENT IN THE 21ST CENTURY: WHERE IS IT HEADING? STATE AGENCIES, NGOS, CHARITIES OR INDEPENDENT ORGANISATIONS?**

**ROOM:** UB202

**TIME:** 11:00 - 13:00

**THEME:** Museums and the challenges of archaeological outreach in the 21st century

**FORMAT:** Regular session

**ORGANISERS:** Bedin, Edoardo (Arheološki muzej u Zagrebu) - Miaczewska, Anna (Uniwersytet Marii Curie-Skłodowskiej)

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### **ABSTRACTS**

**11:00 CHANGE OF PARADIGMS IN AUSTRIA'S HERITAGE MANAGEMENT?**

Schrettle, Bernhard (Archäologisch-Soziale Initiative Steiermark; University Graz)

**11:15 SECTORS, MODELS, CHALLENGES FOR THE EFFECTIVE GOVERNANCE OF VIRTUAL MULTIMODAL MUSEUMS IN THE DIGITAL WORLD: TOWARDS AN EFFECTIVE DECISION-MAKING PROCESS**

Giannoulis Giannoulopoulos, Georgios - Pujol, Laia - Pares, Narcis (Universidad Pompeu Fabra)

**11:30 PROMOTING LOCAL ARCHAEOLOGY: BETWEEN PUBLIC AND PRIVATE AGENTS**

Bressan, Marianna (Ministero dei beni e delle attività culturali e del turismo - Italia)

**11:45 BOTTOM-UP APPROACHES FOR HERITAGE/ARCHAEOLOGICAL SITES: ARE THERE REALLY SUSTAINABLE MODELS? THE CASE OF NAPLES (ITALY)**

De Vivo, Caterina (Made in Culture)

**12:00 NT SUTTON HOUSE, AN EXAMPLE OF EFFECTIVE DECISION-MAKING AND RESOURCE MANAGEMENT TO ALLOW CONSERVATION AND RAISE AWARENESS ON HERITAGE**

Bedin, Edoardo (Arheološki muzej u Zagrebu)

**12:15 SUSTAINABLE CULTURE: THE CASES OF POPULONIA AND POGGIO DEL MOLINO**

Megale, Carolina (Associazione culturale Past in Progress, Museo etrusco Populonia)

**12:30 CROWDFUNDING OF ARCHAEOLOGY**

Kubiatowski, Zbigniew (The Institute of Archaeology and Ethnology Polish Academy of Sciences)

**12:45 DISCUSSION SLOT**

## POSTERS

**a. SOCIAL AND OCCUPATIONAL INTEGRATION THROUGH ARCHAEOLOGY**

Tsironi, Stella (ASIST)

## 782 THE VALUE OF LITHIC RAW MATERIALS IN DEFINING PREHISTORIC SOCIAL TERRITORIES

**ROOM:** UB213

**TIME:** 8:30 - 16:00

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Mangado, Xavier (SERP - University of Barcelona) - Delvigne, Vincent (University of Liège; University of Bordeaux)

**8:30 PREHISTORIC TERRITORIES: WHAT ARE WE STILL SAYING?**

Delvigne, Vincent (Service de Préhistoire, University of Liege; UMR 5199 PACEA, University of Bordeaux) - Bindon, Peter (Australian Ethnographic Institute P/L) - Bracco, Jean-Pierre (UMR 7269 LAMPEA, Aix-Marseille University) - Fernandes, Paul (SARL Paleotime, Villard-de-Lans; UMR 5199 PACEA, University of Bordeaux) - Lafarge, Audrey (UMR 5140 - Archéologie des sociétés méditerranéennes, Université of Montpellier 3) - Raynal, Jean-Paul (Department of Human Evolution, Max Planck Institute for Evolutionary Anthropology; UMR 5199 PACEA, University of Bordeaux)

**8:45 DETERMINING THE FORAGING RADIUS OF THE NEANDERTHALS OF THE ABRIC ROMANÍ (NE SPAIN) THROUGH THEIR CHERT PROCUREMENT STRATEGIES**

Gómez de Soler, Bruno (Institut Català de Paleoecologia Humana i Evolució Social - IPHES; Àrea de Prehistòria, Universitat Rovira i Virgili - URV) - Soto, María (Department of Anthropology and Archaeology, University of Calgary) - Vallverdú, Josep (Institut Català de Paleoecologia Humana i Evolució Social - IPHES; Àrea de Prehistòria, Universitat Rovira i Virgili - URV) - Vaquero, Manuel (Àrea de Prehistòria, Universitat Rovira i Virgili - URV; Institut Català de Paleoecologia Humana i Evolució Social - IPHES)

**9:00 THE PROVISIONING TERRITORY THROUGH MIDDLE AND UPPER PALAEOLITHIC: BETWEEN PREHISTORICS' AND PREHISTORIANS' PERCEPTIONS**

Caux, Solène - Vaissié, Erwan - Faivre, Jean-Philippe (De la Préhistoire à l'Actuel: Culture, Environnement et Anthropologie - PACEA,- UMR 5199, Université de Bordeaux)

**9:15 AT THE FRONTIER, DURING THE LGM: A CASE STUDY FROM MOGYORÓSBÁNYA (HUNGARY)**

Markó, András (Hungarian National Museum - Budapest)

**9:30 LITHIC PROCUREMENT AT MONTLLIÓ OPEN-AIR SITE: TRACING PAST HUMAN ROUTES**

Sanchez De La Torre, Marta (PPVE. Universidad de Zaragoza; SERP. Universitat de Barcelona) - Mangado, Xavier (SERP. Universitat de Barcelona) - Mercadal, Oriol (\*) - Langlais, Mathieu (PACEA - UMR 5199; SERP. Universitat de Barcelona) - Le Bourdonnec, François-Xavier (IRAMAT-CRP2A - UMR 5060) - Gratuze, Bernard (IRAMAT-CEB - UMR 5060) - Fullola, Josep Maria (SERP. Universitat de Barcelona)

**9:45 INVESTMENT IN SOCIAL CAPITAL AND THE VALUE ASCRIBED TO CERTAIN RAW MATERIALS BY ABORIGINAL SOCIETIES IN PRE-CONTACT NORTHEASTERN NORTH AMERICA**

Burke, Adrian (Université de Montréal)

**10:00 ON THE RECONSTRUCTION OF PREHISTORIC SOCIAL TERRITORIES. THE LA DÉSIRADE LITHIC WORKSHOPS AND THE DISTRIBUTION OF LA DÉSIRADE CHERT (F.W.I.)**

de Waal, Maaïke (Faculty of Archaeology, Leiden University)

**10:15 DISCUSSION SLOT**



- 11:00 NEW MINERALOGICAL DATA ABOUT LAPIDARY EXOTIC MATERIAL DISTRIBUTION DURING THE EARLY SALADOID PERIOD (500 B.C.–500 A.D.) IN THE LESSER ANTILLES.**  
 Queffelec, Alain (CNRS UMR5199 PACEA, Université de Bordeaux, Ministère de la Culture) - Fouéré, Pierrick (INRAP Grand-Sud-Ouest et Dom Tom; CNRS UMR5608 TRACES, Université Toulouse Jean Jaurès, Ministère de la Culture) - Bellot-Gurlet, Ludovic (CNRS UMR8233 MONARIS, Sorbonne Université) - Stouvenot, Christian (DAC Guadeloupe, Ministère de la Culture; CNRS UMR8096 ARCHAM, Université Panthéon-Sorbonne, Ministère de la Culture) - Paris, Céline (CNRS UMR8233 MONARIS, Sorbonne Université) - Caverne, Jean-Baptiste (APRAGE)
- 11:15 CENTRAL ANATOLIAN VOLCANIC RAW MATERIALS AND IMPACT ON NEOLITHIC COMMUNITIES**  
 Baysal, Adnan (Trakya University)
- 11:30 OBSIDIAN DISTRIBUTION IN THE WESTERN MEDITERRANEAN AND THE SPREAD OF THE NEOLITHIC PACKAGE: A CHRONOLOGICAL AND GEOGRAPHICAL COMPARISON**  
 Tykot, Robert (University of South Florida) - Freund, Kyle (Indian River State College) - Vianello, Andrea (University of South Florida)
- 11:45 FROM THE WORKSHOP TO MARGIN OF DIFFUSION : EXAMPLE OF LONG BLADE IN NON-HEATED BEDOULIAN FLINT AT THE MIDDLE NEOLITHIC**  
 Reggio, Adrien (LAMPEA (UMR7269); Aix-Marseille Université) - Gibaja, Juan-Francisco - Terradas, Xavier (IMF-CSIC Barcelone) - Palomo, Antoni (Museu Nacional de Arqueologia) - Borell, Ferran (IMF-CSIC Barcelone) - Bailly, Maxence (LAMPEA - UMR7269; Aix-Marseille Université)
- 12:00 ON THE SOURCES AND USES OF FLINT BY THE LINEAR POTTERY CULTURE COMMUNITIES: A VIEW FROM CHEŁMNO LAND, POLAND**  
 Werra, Dagmara H. (Institute of Archaeology and Ethnology Polish Academy of Sciences, Warsaw)
- 12:15 THE LITHIC PROCUREMENT AND PRODUCTION IN THE LATE NEOLITHIC PERIOD IN SOUTHWESTERN PART OF HUNGARY. A CASE STUDY FROM ALSÓNYÉK-BÁTASZÉK**  
 Szilagyi, Kata (Eötvös Loránd University - Institute of Archaeological Sciences; Móra Ferenc Museum)
- 12:30 ELABORATELY DECORATED CHALCOLITHIC BASALT VESSELS: REGIONALIZATION, CONVENTIONS AND PRESTIGE ITEMS IN THE SOUTHERN LEVANT**  
 Chasan, Rivka - Rosenberg, Danny (Laboratory for Ground Stone Tools Research, Zinman Institute of Archaeology, University of Haifa)
- 12:45 DISCUSSION SLOT**
- 14:00 THE GEOCHEMISTRY OF BASALT VESSELS: INDICATORS OF TRADE AND EXCHANGE DURING THE CHALCOLITHIC AND EARLY BRONZE AGE I IN ISRAEL**  
 Gluhak, Tatjana (Römisch-Germanisches Zentralmuseum) - Rosenberg, Danny (Zinman Institute of Archaeology, University of Haifa)

**14:15 SPECIAL FLINT ARTEFACTS AND ‘PRESTIGIOUS’ RAW MATERIALS IN PREHISTORY: A BULGARIAN CASE STUDY**

Gurova, Maria (National Institute of Archaeology with Museum)

**14:30 “EXOTIC” MATERIALS AND ARTEFACTS IN THE 4TH AND 3RD MILLENNIA CALBC IN WESTERN PART OF EASTERN EUROPE**

Tarasov, Alexey (Karelian Research Centre, Russian Academy of Sciences) - Kriiska, Aivar (Tartu University)

**15:00 AMBER FAKES? TWO UNUSUAL CASES IN IBERIA’S LATE PREHISTORY**

Odriozola, Carlos - Garrido-Cordero, José Ángel (Departamento de Prehistoria y Arqueología, Universidad de Sevilla) - Daura, Joan (Departamento de Prehistoria, Historia Antigua y Arqueología, Universidad de Barcelona) - Sanz Borràs, Montserrat (Departamento de Paleontología, Universidad Complutense de Madrid)

**15:15 THE ALLURE OF THE EXOTIC: THE SOCIAL USE OF TRANSLUCENT BEADS DURING 4TH-TO-2ND MILLENNIA BC IN WESTERN IBERIA**

Odriozola, Carlos - Garrido-Cordero, José Ángel (Departamento de Prehistoria y Arqueología, Universidad de Sevilla) - Sousa, Ana Catarina - Gonçalves, Vítor S. - Andrade, Marco António (UNIARQ-Universidade de Lisboa)

**15:30 DISCUSSION SLOT**

**POSTERS**

- a. **HUMAN OCCUPATION AND USE OF THE SPACE OF HUNTER-GATHERERS IN MOUNTAIN RANGE ENVIRONMENTS AT THE SOUTH-CENTRAL ANDES DURING THE MID-HOLOCENE**  
Grasset, Sebastián (UAB) - Méndez, César (CIEP - Centro de Investigación en Ecosistemas de la Patagonia)
- b. **A SINGULAR LITHIC RAW MATERIAL? STUDYING THE GEOGRAPHIC DISTRIBUTION OF NEOLITHIC JASPER IN THE NORTHEAST OF THE IBERIAN PENINSULA**  
Monforte-Barberan, Andreu - Breu, Adrià - Molist, Miquel (Grup de Recerca Arqueològica del Meiterrani i del Pròxim Orient - GRAMPO, Departament de Prehistòria, Univeristat Autònoma de Barcelona - UAB)

## 787 ISSUES IN MEDITERRANEAN SEASCAPES: FROM THE TERMINAL PLEISTOCENE TO THE EARLY-MIDDLE HOLOCENE - EXOTICS, SOCIAL INTERACTIONS AND ENVIRONMENT

ROOM: UB304

TIME: 16:30 - 18:30

THEME: Mediterranean seascapes

FORMAT: Regular session

ORGANISERS: Moutsiou, Theodora (James Cook University, University of Cyprus) - Revelles, Jordi (Universitat Autònoma de Barcelona) - Kassianidou, Vasiliki (University of Cyprus) - Ghilardi, Matthieu (CEREGE-CNRS) - Walsh, Kevin (University of York)

### ABSTRACTS

- 16:30 EXOTICA IN NEOLITHIC SOCIETY: RECIPROCITY, REDISTRIBUTION, AND THE CIRCULATION OF OBSIDIAN IN THE CENTRAL MEDITERRANEAN**  
Freund, Kyle (Indian River State College)
- 16:45 OFF IN THE HILLS: EARLY NEOLITHIC TRADE NETWORKS IN CYPRUS AND THE CURIOUS CASE OF AIS GIORKIS**  
Simmons, Alan (Universities of Nevada, Las Vegas and Reno)
- 17:00 COLOURFUL NETWORKS: PIGMENTS AS A COMMODITY BINDING EARLY NEOLITHIC COMMUNITIES TOGETHER IN THE EASTERN MEDITERRANEAN SEASCAPE**  
McCartney, Carole - Kassianidou, Vasiliki - Moutsiou, Theodora (University of Cyprus)
- 17:15 EXOTICS AND SOCIAL INTERACTIONS IN TERMINAL PLEISTOCENE - EARLY HOLOCENE CYPRUS**  
Moutsiou, Theodora (University of Cyprus; James Cook University) - Kassianidou, Vasiliki (University of Cyprus)
- 17:30 ENVIRONMENTAL FRAMEWORK OF NEOLITHISATION IN CORSICA. NEW DATA FROM THE SITES OF PIANTARELLA AND SAINT FLORENT (CORSICA, FRANCE)**  
Revelles, Jordi (Universitat Autònoma de Barcelona) - Ghilardi, Matthieu (CEREGE-CNRS) - López-Bultó, Oriol (Universitat Autònoma de Barcelona) - Vacchi, Matteo (University of Exeter) - Brkojewitsch, Gäel (Université de Lille III)
- 17:45 HUMAN OCCUPATION AND LANDSCAPE EVOLUTION AT CENTRAL PYRENEES DURING MID-HOLOCENE. THE SANT NICOLAU VALLEY CASE STUDY (7000-2000 YR CALBC)**  
Rodríguez Antón, David - Ermengol, Gassiot Ballbè - Laura, Obea (Departament de Prehistòria, Facultat de Filosofia i Lletres, Universitat Autònoma de Barcelona) - Raquel, Cunill (Departament de Geografia, Facultat de Filosofia i Lletres, Universitat Autònoma de Barcelona) - Jordi, Revelles - Vasiliki, Andreaki (Departament de Prehistòria, Facultat de Filosofia i Lletres, Universitat Autònoma de Barcelona) - Anna, Bonet (Departament de Medi Ambient i Ciències del Sòl, Universitat de Lleida) - Rosa Maria, Albert (ICREA, ERAAUB, Secció de Prehistòria i Arqueologia, Universitat de Barcelona) - Ramon, Perez Obiol (Unitat de Botànica, Departament de Biologia Animal, de Biologia Vegetal i d'Ecologia, Universitat

Autònoma de Barcelona) - Niccolò, Mazzucco (UMR 7055, Prehistoire et Technologie, CNRS – Université Paris Ouest Nanterre. Arqueología de las Dinámicas Sociales. Consejo Superior de Investigaciones Científicas - CSIC. Institución Milá i Fontanals - IMF)

**18:00 DISCUSSION SLOT**

FRIDAY

7 september 2018

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## **797 INTERNATIONAL COOPERATION IN ARCHAEOLOGY AND HERITAGE AND THE WORLD BANK'S ENGAGEMENT IN CULTURAL HERITAGE MANAGEMENT**

**ROOM:** UB4M

**TIME:** 16:30 - 18:30

**THEME:** Archaeology and the European Year of Cultural Heritage

**FORMAT:** EAA President's Forum

**ORGANISERS:** Criado-Boado, Felipe (EAA)

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### **SESSION ABSTRACT**

The World Bank has long recognized that its projects, especially those with a physical footprint, can have inadvertent but adverse impacts on tangible and intangible cultural heritage. Since July 2006 there has been a safeguard policy on physical cultural resources to address such risks. With the advent of the Bank's new Environmental and Social Framework those provisions have been strengthened into a stand-alone Standard on Cultural Heritage that covers heritage of all types. Beyond the bank's approach to balance heritage preservation with economic development, the Bank has increasingly supported projects which pro-actively promote the responsible and productive use of cultural heritage. This session will explore the risks and opportunities for the Bank's increased engagement in this area.

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## 798 CULTURAL HERITAGE AND DEVELOPMENT: THE WORLD BANK'S NEW ENVIRONMENTAL AND SOCIAL FRAMEWORK

**ROOM:**UB403

**TIME:** 8:30 - 10:30

**THEME:** Archaeology and the European Year of Cultural Heritage

**FORMAT:** Other - workshop (by invitation only)

**ORGANISERS:** Scott, Colin (The World Bank) - Khawaja, Afshan (The World Bank) - Criado-Boado, Felipe (EAA) - Altschul, Jeff (SRI Foundation)

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### SESSION ABSTRACT

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The World Bank has long recognized that its projects, especially those with a physical footprint, can have inadvertent but adverse impacts on tangible and intangible cultural heritage. Since July 2006 there has been a safeguard policy on physical cultural resources to address such risks. With the advent of the Bank's new Environmental and Social Framework those provisions have been strengthened into a stand-alone Standard on Cultural Heritage that covers heritage of all types. This session will present the new Standard and how it will apply in practice in the countries where the Bank focuses its development projects. This invited session targets archaeologists working either as consultants or as regulators on projects financed by the World Bank or other multi-lateral financial institutions as well as elected leaders of professional archaeological societies that represent them.



# Saturday 8 September

	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
UB102	<b>660</b> Engaging the Public. The Impact of Volunteers in Archaeological Outreach 8:30-10:30	<b>699</b> Can We Develop a European Network of Linked Research Agendas? 11:00-16:00		
UB105	<b>663</b> Archaeological Data Clinic. Personalised Consulting to Get the Best of Your Data 8:30-10:30	<b>634</b> Lived Ancient Religion in North Africa 11:00-13:00	<b>508</b> Urban Archaeology on the Agenda: Starting an EAA Community for Urban Archaeolog 14:00-16:00	
UB202	<b>619</b> Public Space in Later Prehistoric Europe 8:30-10:30	<b>618</b> Procurement and Distribution of Siliceous Rocks in the Light of Geochemical and Petrographic Analysis in Archaeology 11:00-13:00	<b>591</b> From Sediments to Behaviour and Palaeoenvironments: Interdisciplinary Approaches to Hunter-Gatherer Contexts during the Late Glacial-Early Holocene 14:00-16:00	
UB203		<b>Virtual Museums Exhibition</b> 10:00-18:30		
UB204	<b>183</b> Out of the Past into the Future – Professional Cohesion through Diversity 8:30-10:30	<b>375</b> Exploring the Potential of Palynology in Archaeological Contexts 11:30-18:30		
UB205	<b>678</b> Exploring Future Methods for Understanding the Past within Large Scale Infrastructure Projects 8:30-10:30	<b>574</b> Suburbia and Rural Landscapes in Medieval Sicily 11:00-16:00		<b>625</b> The Bioarchaeology of Landscapes 16:30-18:30
UB206	<b>382</b> Communication Uneven: Acceptance of and Resistance to Foreign Influences in the Connected Ancient Mediterranean 8:30-13:00		<b>742</b> South-Eastern Anatolia at a Crossroads: a Multicultural Mediterranean Area from the Hellenistic to the Early Byzantine Period 14:00-18:30	
UB207	<b>136</b> The Interpretation and Presentation of Archaeological and Cultural Heritage Sites: New Trends and Transnational Perspectives 8:30-13:00		<b>639</b> The Value of Objects in Medieval Rural Settlement 14:00-18:30	

# Saturday 8 September

	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
UB208	<p><b>388</b> El Argar and the European Bronze Age – Rise and Fall of the First State Society in the Western Mediterranean 8:30-13:00</p>		<p><b>754</b> Integrative Approaches to the Study of Animal Husbandry, Plant Resource Management and Their Impact on the Landscape 14:00-18:00</p>	
UB209	<p><b>263</b> Precious Materials and Fine Metal Work in the European Iron Age – Function, Aesthetic and Technology 8:30-12:00</p>		<p><b>740</b> Glocal Identities - Different Values of Cultural Heritage Sites 14:00-18:00</p>	
UB210	<p><b>671</b> There Is More than Meets the Eye: Unveiling the Histories of Archaeological Collections 8:30-18:30</p>			
UB211	<p><b>392</b> The “Island Laboratory” Revisited: Integrating Environmental and Socio-cultural Approaches 8:30-18:00</p>			
UB212	<p><b>565</b> Ecclesiastical Landscapes in Medieval Europe. A Comparative Approach 8:30-16:00</p>			<p><b>686</b> Silver, Status and Society - Transition from Late Roman to Early Medieval Europe 16:30-18:30</p>
UB213	<p><b>603</b> Alibi Archaeologies: Excavating in Archives, Museums and Storerooms 8:30-16:00</p>			<p><b>487</b> “Scaling” Challenges Faced by First Mesolithic Societies: Technological Changes at the Beginning of the Holocene 16:30-18:30</p>
UB219	<p><b>490</b> Navigating in a Sea of Data. Trade in the Ancient Mediterranean 8:30-12:30</p>		<p><b>426</b> Querns and Mills in Mediterranean Antiquity: Tradition and Innovation during the First Millennium BC 14:00-18:30</p>	
UB220	<p><b>763</b> Cultural Property: From Looting and Illegal Trade to Restitution 8:30-13:00</p>		<p><b>172</b> Mediating Proxies and Choice in a Stone Age World 14:00-18:00</p>	
UB221	<p><b>518</b> Are We Getting the Message across? An Assessment of Public Outreach in Archaeology 8:30-12:30</p>		<p><b>413</b> Re-thinking Medieval and Early Modern Pestilences from a Biosocial Perspective: Advanced Methods and Renewed Concepts in Archaeological Sciences 14:00-18:00</p>	



# Saturday 8 September

	8:30 - 10:30	coffee break	11:00 - 13:00	lunch break	14:00 - 16:00	coffee break	16:30 - 18:30
UB222	<b>344</b> Paving the Way for Archaeologically Informed Palaeo-population Genetics: Incorporating Archaeological Information in Paleogenomic Research, and Vice Versa 8:30-13:00				<b>376</b> Trade and Circulation of Animals and Plants in the Mediterranean Basin through Time: New Bioarchaeological Insights 14:00-17:30		
UB302	<b>409</b> How to Beat the Barbarians? Roman Practice to Encounter New Threats (1st-5th Century AD) 8:30-12:30				<b>152</b> Collapse or Transformation? Comparative Perspectives from Africa and beyond 14:00-17:30		
UB303	<b>646</b> What's the Use? Using Artefacts Found by Private Metal Detecting for Research, Outreach, and Exhibition 8:30-12:00				<b>715</b> Archaeologies of Unfree Labor in Europe and the Mediterranean 14:00-16:00		
UB304	<b>706</b> Art as Material Culture 8:30-16:00						<b>521</b> The Mediterranean in the North: The Material Evidence of Distant Contacts, AD 1000-1800 16:30-18:30
UB305	<b>353</b> Archaeoacoustics - Discussing Sound in Archaeological Context 8:30-16:00						<b>770</b> Sustainable Tourism in World Heritage Landscapes: Problems and Potentials 16:30-18:30
UB306	<b>653</b> Beyond the Stereotype – the Diversity of Beaker Burials 8:30-16:00						<b>788</b> Textile Iconography from Europe and Asia 16:30-18:30
UB307	<b>440</b> Anthropic Activity Markers: Archaeology and Ethnoarchaeology 8:30-16:00						
UB308	<b>688</b> “The Head and the Hand”: Skills, Learning and Knowledge in Prehistoric Productions 8:30-15:30						<b>370</b> Artefact Reporting, Science and Selection 16:30-18:30

# Saturday 8 September

	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
UB309	<b>082</b> <b>Islamicate Archeology in Europe: Past, Present and Future</b> 8:30-16:00			
UB310	<b>368</b> <b>Archaeology of Movement</b> 8:30-15:00			
UB311	<b>438</b> <b>Not Only Use: Application of Functional Methods for a Better Comprehension of Operative Chains</b> 8:30-15:00			<b>498</b> <b>Fishing for Knowledge in a Sea of Data</b> 16:30-18:30
UB401	<b>584</b> <b>Mapping Historical Narratives: The Power of Alternative Geovisualisation and Methods in Artefact Survey</b> 8:30-10:30	<b>633</b> <b>Rorck Art and the Sea: The Symbols of Prehistoric Coastal Societies and Maritime Interaction in Europe</b> 11:00-15:00		<b>597</b> <b>Exploring the Potential of Dental Calculus for Reconstructing the Past</b> 16:30-18:30
UB402	<b>512</b> <b>Exploring the Presentation and Interpretation of Prehistory in Museum Displays</b> 8:30-15:30			<b>612</b> <b>Transdisciplinary and Participative Approaches to Cultural Landscapes</b> 16:30-18:30
UB403	<b>627</b> <b>Cross the Streams. Multiproxy Approaches to Demography and Population Dynamics</b> 8:30-15:30			
UB404	<b>536</b> <b>Urban Geoarchaeology</b> 8:30-12:30		<b>510</b> <b>From Central Space to Urban Place. Theories, Methods and Models for Analyzing Processes of Urbanization in a European Perspective</b> 14:00-18:30	
UB405	<b>694</b> <b>Preventive Conservation and Valorization of Archaeological Heritage: Open Issues and Best Practices</b> 8:30-13:00		<b>696</b> <b>Re-thinking "Interaction" in Iron Age Europe: Comparing Research Traditions to Explore Alternative Ways to Interpret Archaeological Data</b> 14:00-18:30	
UB406	<b>703</b> <b>Repressed Bodies as a Research Theme: Archaeology, Memory and Political Uses</b> 8:30-13:00		<b>595</b> <b>On Site, between Sites: Multi-scalar Networks and Assemblages from Social Theory to Formal Analysis</b> 14:00-18:30	
UB407	<b>130</b> <b>Elite Settlement in the Countryside of Early Medieval Europe (5th-10th Centuries AD): Challenging Assumptions and New Directions</b> 8:30-13:00		<b>199</b> <b>What We Are Learning from Experimental Archaeology?</b> 14:00-18:00	

# Saturday 8 September

	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
UB408	<b>789</b> Food and Drink in Archaeology: Multidisciplinary Approaches to Past Food Practices (Part 2) 8:30-13:00		<b>758</b> Human-Water interconnections in the dry environments of the Near East and Central Asia 14:00-18:30	
UB409	<b>483</b> Roads of the North. Medieval and Early Modern Infrastructure of Travel and Exchange in the Far North 8:30-12:30		<b>778</b> Examining the Different Approaches, Theories, and Methodology Both Culturally and in the Application of European Commercial Field Archaeology 14:00-18:00	
UB410	<b>493</b> Technology and Archaeobotany of Plant-based Crafts 8:30-12:00		<b>355</b> Towards an Archaeology of Peasant Agency: Diversity and Scale in the Long Duration 14:00-16:00	
UB411	<b>347</b> Complex Biographies: High-resolution Chronological Methods Applied to the Study of Late Pre-historic Funerary Palimpsests 8:30-12:00		<b>636</b> Conservation Issues and Preventive Measures in Open-air Rock Art Sites 14:00-17:30	
UB412	<b>708</b> Data-driven Chronology 8:30-10:30	<b>254</b> Mobility and Culture Change during Transitional Periods in and around the Alpine Region 11:00-13:00	<b>499</b> Towards An Archaeology of Making 14:00-16:00	
UB4M	<b>096</b> Forum Medieval Archaeology (MERC): The Mediterranean as Connection and Gateway in the Middle Ages 8:30-13:00		<b>305</b> Deploying the Dead II: Dead Bodies and Social Transformations 14:00-18:30	
UB4FS		Virtual Reality Exhibition 10:00-18:30		
UB4G	<b>698</b> Just Add Water and Mix: Heritage and Climate Change - Challenges and Novel Approaches 8:30-16:00			
CCCB -1A	<b>449</b> Temporality and Relationality in Place-making 8:30-15:30			
CCCB 11A	<b>779</b> Boyne to Brodgar: Researching Neolithic Monumentality in Ireland and Northern Britain 8:30-13:00		<b>154</b> Manipulated Bodies: Case Studies of Post-mortem Interactions with Human Remains 14:00-18:30	

# Saturday 8 September

	8:30 - 10:30	11:00 - 13:00	14:00 - 16:00	16:30 - 18:30
CCCB 12A	<b>400</b> The Future of Rock Art – Documentation, Research, and Outreach 8:30-13:00	Documentation, Research, and Outreach	<b>582</b> Urban Bioarchaeology: Consumption and Trade in Roman and Medieval Towns 14:00-18:00	
CCCB 4M	<b>623</b> Beyond Ramparts, Walls and Ditches: New Perspectives on the European Hillforts 8:30-18:30			

## KEYNOTES

UB4G	<b>The European Union and the Rescue of Our Archaeological Heritage</b> Jean-Paul Demoule 18:40 -20:00
UB4M	<b>Meaningful Stories: What Archaeology Can Tell</b> Paloma González-Marcén 18:40 -20:00
CCCB -1A	<b>Is Heritage Irrelevant?</b> Sophia Labadi 18:40 -20:00
CCCB 11A	<b>Eating the Past: From Prehistoric Cuisines to Modern Food Trends</b> Sultana Maria Valamoti 18:40 -20:00
CCCB 4M	<b>Past and Present Social Landscapes of Archaeology in Europe</b> Predrag Novaković 18:40-20:00

## 082 ISLAMICATE ARCHEOLOGY IN EUROPE: PAST, PRESENT AND FUTURE

ROOM: UB309

TIME: 8:30 - 16:00

THEME: The archaeology of material culture, bodies and landscapes

FORMAT: Regular session

ORGANISERS: Govantes Edwards, David (Instituto de Estudios Medievais, Universidade Nova de Lisboa; Universidad de Cordoba) - Duckworth, Chloe (Newcastle University) - Koval, Vladimir (Russian Academy of Sciences)



### ABSTRACTS

#### 8:30 WHAT IS THE FUTURE OF ISLAMICATE ARCHAEOLOGY IN EUROPE?

Govantes Edwards, David (Universidad de Cordoba; Universidade Nova de Lisboa) - Duckworth, Chloe (Newcastle University)

#### 8:45 FROM TRANSITION TO MIGRATION: FOR A THEORETICAL PERSPECTIVE THAT EMBRACES THE CONTRIBUTION OF IMMIGRANTS TO THE EMERGENCE OF AL-ANDALUS

Carvajal Lopez, Jose (University of Leicester)

#### 9:00 FROM FUNDUQ TO ALHÓNDIGA AND FONDACO: TOWARDS GLOBAL MIDDLE AGES

Hernández Robles, Alicia (University of Murcia)

#### 9:15 SUBURBAN MEDIEVAL LANDSCAPES IN GRANADA, THE LAST ISLAMIC CITY IN SOUTHWESTERN EUROPE

Garcia-Contreras Ruiz, Guillermo - Malpica Cuello, Antonio (Universidad de Granada)

#### 9:30 DE-ORIENTALISING GENDER: (EN)GENDERING AN ARCHAEOLOGY OF ISLAMICATE SOCIETIES BEYOND ISLAM

Herran Subinas, Mikel (UCL Qatar)

#### 9:45 ARCHEOLOGY AND ISLAMICATE SOCIAL FORMATION. M. ACIÉN'S THEORETICAL MODEL

Salvatierra, Vicente - Montilla, Irene (Universidad de Jaén)

#### 10:00 PARTIAL ARCHAEOLOGIES: THE PALATIAL CITIES OF MADINAT AL-ZAHRA AND THE ALHAMBRA

Govantes Edwards, David (Universidad de Cordoba; Universidade Nova de Lisboa)

#### 10:15 DISCUSSION SLOT

#### 11:00 ORIGIN AND SYMBOLISM OF THE CALIPH'S TIN-GLAZED WARE IN MEDIEVAL MUSLIM SPAIN, IN THE LIGHT OF THE ARCHAEOMETRIC RESULTS

Salinas, Elena (Universitat Politècnica de Catalunya)

- 11:15 MADINAT MANURQA: ISLAMIC MEDIEVAL ARCHAEOLOGY IN THE BALEARIC ISLAND OF MENORCA, SPAIN. IS IT STILL CONDEMNED TO DAMNATIO MEMORIAE?**  
Perez-Juez, Amalia (Boston University; Institut Menorquí d'Estudis) - Sintés, Elena (Institut Menorquí d'Estudis)
- 11:30 SAADIAN MOSQUES IN MARRAKECH (16TH C.): ARCHITECTURAL AND URBAN ANALYSIS**  
Almela, Iñigo (School of Arabic Studies)
- 11:45 GLAZED BRICKS IN MEDIEVAL ITALY. THE CASE OF SANTA MARIA DEL POPOLO IN PAVIA**  
Milocco, Alessandra (Università degli Studi di Trieste)
- 12:00 THE OTTOMAN MATERIAL PAST OF GREEK MACEDONIA. AN UNWANTED HERITAGE?**  
Stavridopoulos, Ioannis (University of Ioannina)
- 12:15 NADIN – GRADINA: A CASE STUDY OF ISLAMIC ARCHAEOLOGY IN NORTH DALMATIA (CROATIA)**  
Gusar, Karla - Čelhar, Martina (University of Zadar, Department of Archaeology) - Zaro, Gregory (Anthropology Department / Climate Change Institute; University of Maine)
- 12:30 CONVERTING THE TOMBSTONE: REMEMBERING THE DEAD IN EARLY OTTOMAN BOSNIA**  
Buturovic, Amila (York University)
- 12:45 DISCUSSION SLOT**
- 14:00 THE CITY OF BOLGAR IS A MAIN CENTER OF ISLAMIC ARCHAEOLOGY IN THE NORTH OF EASTERN EUROPE**  
Sitdikov, Airat (A. Khalikov Institute of Archaeology Tatarstan Academy of Sciences)
- 14:15 THE CENTRAL MARKET (BAZAAR) OF CITY BOLGAR - THE SIGN OF ISLAMIC URBAN CULTURE IN THE HEART OF EASTERN EUROPE**  
Koval, Vladimir - Badeev, Denis (Institute of archaeology Russian Academy of Sciences)
- 14:30 SCRATCH A RUSSIAN AND YOU'LL FIND A TATAR: THE IMPACT OF ISLAM AS REVEALED BY ARCHAEOLOGY OF MOSCOW STATE**  
Beliaev, Leonid (Institute of Archaeology Russian Academy of Sciences)
- 14:45 BENEATH THE MAUSOLEUM OF THE 14TH CENTURY: THE STUDY OF THE FAMILY TOMB**  
Elkina, Irina (Institute of Archaeology Russian Academy of Sciences)
- 15:00 'NOMADIC ISLAM:' AN ARCHAEOLOGICAL APPROACH TO THE ISLAMIZATION OF THE CASPIAN STEPPE**  
Shingiray, Irina (University of Oxford)
- 15:15 THE CULTURAL HERITAGE OF THE 14TH-15TH CENTURIES IN THE ARCHAEOLOGY OF THE NORTH BLACK SEA AREA**  
Biliaieva, Svitlana (Institute of Archaeology of National Academy of Sciences of Ukraine)

POSTERS

a. **ISLAMIC GLASS ON THE VOLGA: EXOTIC OR ORDINARY?**

Valiulina, Svetlana (Kazan Federal University)

**096 FORUM MEDIEVAL ARCHAEOLOGY (MERC): THE MEDITERRANEAN AS CONNECTION AND GATEWAY IN THE MIDDLE AGES**

ROOM: UB4M

TIME: 8:30 - 13:00

THEME: Mediterranean seascapes

FORMAT: MERC Forum and round table

ORGANISERS: Tys, Dries (VUB; MERC) - Pluskowski, Alex (Reading University; MERC) - Fleming, Robin (Boston College; MERC) - Hansen, Gitte (Bergen University; MERC)



ABSTRACTS

**THE MIGRATION AND COLONISATION OF BERBER AND ARAB CLAN GROUPS IN THE BALEARIC ISLANDS (10TH - 13TH CENTURY)**

Kirchner, Helena (Dept.Ciencies de l'Antiguitat i de l'Edat Mitjana, Facultat de Lletres)

**KEYNOTE: FORGOTTEN AFRICA AND THE MEDIEVAL MEDITERRANEAN**

Fenwick, Corisande (UCL)

**130 ELITE SETTLEMENT IN THE COUNTRYSIDE OF EARLY MEDIEVAL EUROPE (5TH-10TH CENTURIES AD): CHALLENGING ASSUMPTIONS AND NEW DIRECTIONS**

ROOM: UB407

TIME: 8:30 - 13:00

THEME: The archaeology of material culture, bodies and landscapes

FORMAT: Regular session

ORGANISERS: Quirós Castillo, Juan Antonio (University of the Basque Country) - Reynolds, Andrew (University College London)



- 8:30 CONSTRUCTING AUTHORITY IN EARLY MEDIEVAL ELITE SETTLEMENTS**  
Sofield, Clifford (University of Oxford)
- 8:45 IMITATING MYTHS: STRÖJA AND ELITE SETTLEMENTS IN EASTERN MIDDLE SWEDEN**  
Hjulström, Björn - Lindeberg, Marta (Arkeologikonsult)
- 9:00 DAILY LIFE AND SOCIAL IDENTITY IN THE SHADOW OF RULERS IN EARLY MEDIEVAL GAMLA UPPSALA (C. 400-1050)**  
Lucas, Malin (Upplandsmuseet)
- 9:15 NO MAN IS AN ISLAND - ELITE RESIDENCE AND LOCAL COMMUNITY IN DENMARK 500-1500 AD**  
Borake, Trine (Museum of Western Zealand; Aarhus University)
- 9:30 DISCUSSION SLOT**
- 9:45 PEOPLE AND POTTERY IN EARLY MEDIEVAL ENGLAND: EXPLORING THE EMERGENCE OF ELITE SETTLEMENTS THROUGH EVERYDAY DOMESTIC MATERIAL CULTURE**  
Backhouse, Lisa (University of Reading)
- 10:00 MASTERING THE LANDSCAPE TRANSFORMATIONS: ARCHAEOLOGY OF THE EARLY MEDIEVAL ELITES IN THE NORTH ADRIATIC AREA**  
Calaon, Diego (Ca' Foscari University, Venice)
- 10:15 PROJECT NEU-MED: PUBLIC POWERS AND ELITE SETTLEMENTS IN RURAL AREAS BETWEEN 9TH AND 10TH C (TUSCANY AND CENTRAL NORTHERN ITALY)**  
Bianchi, Giovanna (University of Siena)
- 11:00 RURAL SETTLEMENTS, LANDSCAPE AND POTTERY STUDIES, THE EXAMPLE OF A MICRO-REGIONAL APPROACH: THE RIBEIRA DA LAGE VALLEY (ALENTEJO, PORTUGAL)**  
Nunes da Ponte, Teresa (CEAACP-University of Coimbra/FCT)
- 11:15 DISCUSSION SLOT**
- 11:30 AN ELITE SETTLEMENT AT LA MARAÑOSA (MADRID, 5TH-7TH AD): CERTAINTIES AND UNKNOWNNS REGARDING THE EARLY MEDIEVAL HILL-FORTS IN INNER IBERIA**  
Vigil-Escalera Guirado, Alfonso (University of Salamanca) - Martínez González, Javier - Fuente Rodríguez, Luis - Gutiérrez de León Juberías, Pablo - Martínez Requejo, Alfonso - Torres Ortiz, Mariano - López Rosendo, Ester (Universidad Complutense de Madrid)
- 11:45 CONTINUITIES AND TERRITORIAL CHANGE IN THE COUNTRYSIDE OF TOLETUM (SPAIN): THE EMERGENCE OF NEW ARISTOCRATIC AND CHRISTIAN BUILDINGS (5TH-8TH C.)**  
Sánchez Ramos, Isabel (UCL Instiute of Archaeology)
- 12:00 LATE ANTIQUITY IN THE INTERIOR OF CARTHAGENENSIS: LATEST DEVELOPMENTS IN THE RESEARCH OF SETTLEMENT STRUCTURE**  
Valero Tévar, Miguel Ángel (Universidad de Castilla-La Mancha)



**12:15 ANÁLISIS DE LOS MAMÍFEROS DEL YACIMIENTO TARDOANTIGUO DE EL CASTILLÓN (SANTA EULALIA DE TÁBARA, ZAMORA): CONTRIBUCIÓN DE MANDÍBULAS Y FALANGES**

González Cabezas, Oscar - Portero Hernández, Rodrigo (Grupo de Investigación Reconocido PREHUSAL, Universidad de Salamanca - USAL) - Andrés Chaín, Miriam (Departamento de Prehistoria, Universidad Complutense de Madrid - UCM) - Sastre Blanco, José Carlos (Asociación Científico-Cultural Zamora Protohistórica) - Álvarez Fernández, Esteban (Grupo de Investigación Reconocido PREHUSAL, Universidad de Salamanca - USAL)

**12:30 DISCUSSION SLOT**

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**136 THE INTERPRETATION AND PRESENTATION OF ARCHAEOLOGICAL AND CULTURAL HERITAGE SITES: NEW TRENDS AND TRANSNATIONAL PERSPECTIVES**

**ROOM:** UB207

**TIME:** 8:30 - 13:00

**THEME:** Archaeology and the European Year of Cultural Heritage

**FORMAT:** Regular session

**ORGANISERS:** Jameson, John H (ICOMOS ICIP; 12,000 Year History Park) - Musteata, Sergiu (Institute of Archaeology, Romanian Academy)

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**ABSTRACTS**

**8:30 SESSION INTRODUCTION. FACILITATED DIALOGUE: A NEW EMPHASIS FOR THE INTERPRETATION OF CULTURAL HERITAGE SITES**

Jameson, John H (ICOMOS ICIP)

**8:45 ARCHAEOLOGY EDUCATION IN THE UNITED STATES: PAST, PRESENT, AND FUTURE**

Moe, Jeanne (none)

**9:00 THE ARCHEOLOGY AND PALEONTOLOGY CAMPUS OF THE AUTONOMOUS UNIVERSITY OF BARCELONA**

Piqué, Raquel - González Marcén, Paloma (Universitat Autònoma de Barcelona, Departament de Prehistoria) - Olesti, Oriol (Universitat Autònoma de Barcelona, Departament de Ciències de l'Antiguitat i Edat Mitjana) - Risch, Roberto (Universitat Autònoma de Barcelona, Departament de Prehistòria) - Vicente, Oriol (CORE Patrimoni Universitat Autònoma de Barcelona)

**9:15 HERITAGE AND INTERSECTIONALITY—INDIGENOUS AND WESTERN VALUES WITH PRAGMATIC APPLICATIONS**

Schmidt, Peter (University of Florida)

**9:30 THE INTERPRETATION IN ARCHEOLOGY: CHALLENGES AND PROBLEMS OF THE PRESENTATION OF A PREHISTORIC SITE**

Barbosa, Maria (FLUP - Oporto University; CITCEM - Transdisciplinary Research Centre «Culture, Space and Memory»; FCT - Portuguese Foundation for Science and Technology)

**9:45 ADDING VALUE TO HERITAGE MANAGEMENT: PUBLIC INVOLVEMENT IN MONUMENT DESIGNATION**

Schreurs, Jose - Verschuur, Marjolein (Cultural Heritage Agency)

**10:00 DISCUSSION SLOT****11:00 INTERPRETATION PANELS IN THE ARCHAEOLOGICAL SITES IN ALBANIA. IS THERE A DOUBLE STANDARD FOR UNESCO AND NON-UNESCO SITES?**

Kodheli, Elisabeta (University of Tirana)

**11:15 HERITAGE OF COMMUNISM AND EUROPEAN IDENTITY: A CRITICAL HERITAGE PERSPECTIVE**

Demeter, Laura (Leibniz Institute for East- and Southeast European Studies) - Iacono, Francesco (McDonald Institute for Archaeological Research, University of Cambridge)

**11:30 GOLD RUSH VS. HERITAGE PRESERVATION. ROȘIA MONTANĂ CASE (ROMANIA)**

Musteata, Sergiu - Cozma, Elena (Institute of Archaeology, Romanian Academy, Iasi branch)

**11:45 PRESENTING HALMYRIS – CHALLENGING PERSPECTIVES ON THE ROMANIAN LOWER DANUBE FRONTIER**

Hanscam, Emily (Durham University) - Karavas, John (College Year in Athens - DIKEMIS)

**12:00 ARCHAEOLOGICAL HERITAGE AND THEIR INTERPRETATION: THE KUANUM'S WAY**

Juana Maria, Huelamo (Kuanum) - Solias Aris, Josep Maria (Museu de l'Hospitalet)

**12:15 COCEV KAMEN, THE EXCAVATION SITE WHICH JOINS THE GROUNDS FOR SACRIFICIAL RITUALS, TEMPLE, PAINTED ROCK ART AND MEGALITHIC PREHISTORIC OBSERVATORY**

Dusko, Aleksovski (World Academy of Rock Art)

**12:30 DISCUSSION SLOT****152 COLLAPSE OR TRANSFORMATION? COMPARATIVE PERSPECTIVES FROM AFRICA AND BEYOND**

ROOM: UB302

TIME: 14:00 - 17:30

THEME: Theories and methods in archaeological sciences

FORMAT: Regular session

ORGANISERS: Biagetti, Stefano (Universitat Pompeu Fabra) - Ashley, Ceri (University of Pretoria)



**14:00 SESSION INTRODUCTION**

Biagetti, Stefano (Universitat Pompeu Fabra) - Ashley, Ceri (University of Pretoria)

**14:15 WHEN EMPIRES (DON'T QUITE) FALL: MALI AND KAABU**

Canós-Donnay, Sirio (University College London)

**14:30 DID GREAT ZIMBABWE COLLAPSE?**

Pikirayi, Innocent (University of Pretoria)

**14:45 COLLAPSE, TRANSFORMATION, AND RESILIENCE IN THE LATE HOLOCENE SAHARA**

Biagetti, Stefano (Universitat Pompeu Fabra; University of the Witwatersrand) - Merlo, Stefania (University of the Witwatersrand) - Zerboni, Andrea (University of Milan) - Lancelotti, Carla (Universitat Pompeu Fabra)

**15:00 THE KILWA ARCHIPELAGO AS AN URBAN CLUSTER**

Fleisher, Jeffrey (Rice University) - Wynne-Jones, Stephanie (University of York)

**15:15 EXPENDABLE MONUMENTALITY: STONE WALLING AND NGWAKETSE EXPANSION IN SOUTHERN BOTSWANA BEFORE 1824**

Merlo, Stefania (University of the Witwatersrand) - Morton, Fred (University of Botswana)

**15:30 RETERRITORIALISING AND DETERRITORIALISING COLLAPSE IN THE HINTERLANDS OF SOUTHERN AFRICA'S FIRST STATE**

Ashley, Ceri - Antonites, Alexander (University of Pretoria)

**15:45 DISCUSSION SLOT**

**16:30 WHY DID ONE COLLAPSE AND THE OTHER NOT? COMPARING TECHNOLOGIES IN TURBULENT IRON AGE PHASES IN SOUTHERN AFRICA AND SCANDINAVIA**

Fredriksen, Per Ditlef (Department of Archaeology, Conservation and History, University of Oslo; Department of Archaeology, University of Cape Town)

**16:45 DISCUSSION SLOT**

**154 MANIPULATED BODIES: CASE STUDIES OF POST-MORTEM INTERACTIONS WITH HUMAN REMAINS**

**ROOM:** CCCB11A

**TIME:** 14:00 - 18:30

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Craig-Atkins, Elizabeth (University of Sheffield) - Ion, Alexandra (Institute of Anthropology Francisc I. Rainer of the Romanian Academy) - Eriksen, Marianne Hem (University of Oslo; University of Cambridge)

- 14:00 SYMBOLIC REPLACEMENT OF SEVERED BODY PARTS WITH OBJECTS IN 3RD-7TH CENTURY AD GRAVES IN ENGLAND**  
Mays, Simon - Crosby, Vicky (Historic England)
- 14:15 A MULTI-DISCIPLINARY APPROACH TO IDENTIFYING DELAYED BURIALS AT NEOLITHIC ÇATALHÖYÜK, TURKEY: INITIAL RESULTS**  
Haddow, Scott (Koç University Research Center for Anatolian Civilizations) - Schotsmans, Eline (PACEA, University of Bordeaux) - Milella, Marco (Universität Zürich-Irchel) - Pilloud, Marin (University of Nevada, Reno) - Knüsel, Christopher (PACEA, University of Bordeaux)
- 14:30 ‘THE SCULLS THAT LIE HEAP’D UP’: POST-MORTEM INTERACTIONS WITH HUMAN REMAINS IN THE CHARNEL HOUSE AT ROTHWELL (NORTHAMPTONSHIRE, UK)**  
Craig-Atkins, Elizabeth - Crangle, Jennifer (University of Sheffield) - Barnwell, Paul (Oxford University) - Hadley, Dawn (University of York)
- 14:45 ETERNAL REST? CEMETERY TRANSFORMATIONS AND A NEW OSSUARY PROJECT AS COMMUNITY-PROJECT IN STEINSEL/LUXEMBOURG**  
Kolnberger, Thomas (University of Luxembourg)
- 15:00 UPPER PALEOLITHIC MORTUARY PRACTICES AND BODY PART MANIPULATIONS: NEW INSIGHTS FROM CUSSAC CAVE (DORDOGNE, FRANCE)**  
Kacki, Sacha (Department of Archaeology, Durham University; PACEA, Université de Bordeaux) - Trinkaus, Erik (Department of Anthropology, Washington University in Saint Louis) - Schotsmans, Eline - Guyomarc’h, Pierre - Villotte, Sébastien (PACEA, Université de Bordeaux, France)
- 15:15 PATTERN, PROCESS, AND PROCESSING: POST-MORTEM INTERACTIONS WITH THE DEAD IN LATE PREHISTORIC EUROPE**  
Beck, Jess (McDonald Institute for Archaeological Research) - Quinn, Colin (Hamilton College) - Ciugudean, Horia (Muzeul National al Unirii din Alba Iulia)
- 15:30 A MULTI-METHOD APPROACH TO COLLECTIVE BURIALS FROM LATE NEOLITHIC MALTA: THE CASE OF THE XAGHRA HYPOGEUM, GOZO**  
Parkinson, Eóin - Thompson, Jess (University of Cambridge) - McLaughlin, Rowan (Queen’s University Belfast) - Stoddart, Simon (University of Cambridge) - Malone, Caroline (Queen’s University Belfast)
- 15:45 DISCUSSION SLOT**
- 16:30 PARALLEL LINES: TRIANGULATING MULTIPLE LINES OF EVIDENCE FOR CURATION OF THE DEAD IN NEOLITHIC BRITAIN**  
Smith, Martin - Delbarre, Gabrielle (Bournemouth University) - Endicott, Phillip (Musée de l’homme, Paris) - Whittington, Andrew - Darvill, Timothy (Bournemouth University)

**16:45 BODY MANIPULATIONS AND GRAVES RE-OPENING IN THE ENEOLITHIC CEMETERIES FROM SOUTHEASTERN EUROPE. A CASE STUDY FROM ROMANIA**

Lazar-Radus, Catalin Alexandru (Department of Ancient History, Archaeology and Art History, Faculty of History, University of Bucharest; Department of Archaeology, National History Museum of Romania) - Craciunescu, Ionela (C.N.A.I.R., Bucharest) - Opris, Vasile - Ignat, Theodor (Bucharest Municipality Museum)

**17:00 INTERACTING WITH THE DEAD. BELIEF AND CONFLICT IN EARLY MEDIEVAL EUROPE (AD 450-750)**

Klevnäs, Alison - Noterman, Astrid (Stockholm University) - Aspöck, Edeltraud (Austrian Academy of Sciences) - Haperen, Martine (Leiden University) - Zintl, Stephanie (Bayerisches Landesamt für Denkmalpflege)

**17:15 POST-MORTEM BIOGRAPHIES OF THE DECEASED UNDER THE FLOORS OF FINNISH CHURCHES**

Kallio-Seppa, Titta - Väre, Tiina - Lipkin, Sanna - Tranberg, Annemari - Ylimaunu, Timo (University of Oulu)

**17:30 HUMAN BONE RELICS FROM ESSEN CATHEDRAL, GERMANY: OSTEOARCHAEOLOGICAL INSIGHTS INTO THE CONVOLUTED JOURNEY OF HOLY OBJECTS WHICH LOST THEIR CONTEXT**

Meyer, Christian (OsteoARC) - Hopp, Detlef (Stadtarchäologie Essen) - Wegener, Andrea (Domschatzkammer Essen) - Jung, Patrick (Ruhr Museum Essen)

**17:45 SOME ASPECTS OF INTERPRETATION OF COURONIAN CREMATION BURIALS DURING 10-15TH CENTURIES**

Tomsons, Arturs (Latvian National History museum)

**18:00 MANIPULATING BODIES IN PREHISTORIC TO PROTO-HISTORIC CYPRUS: FROM THE EARLIEST NEOLITHIC TO THE LATE BRONZE AGE**

Lorentz, Kirsi (The Cyprus Institute)

**18:15 DISCUSSION SLOT**

**POSTERS**

**a. WOMEN AND MOTHERS: THE SINGULAR TESTIMONY OF T310 BURIAL; NECROPOLIS OF MONTE SIRAI (CARBONIA- SARDINIA, ITALY)**

Piga, Giampaolo (Laboratory of Forensic Anthropology, Centre for Functional Ecology, University of Sassari) - Pla Orquín, Rosana (Department of History, Human Sciences and Education, University of Sassari) - Gonçalves, David (Archaeosciences Laboratory, Directorate General for Cultural Heritage - LARC/CIBIO/InBIO; Research Centre for Anthropology and Health - CIAS, Department of Life Sciences, University of Coimbra; Laboratory of Forensic Anthropology, Centre for Functional Ecology, Department of Life Sciences, University of Coimbra) - Pimenta, Carlos (Archaeosciences Laboratory, Directorate General for Cultural Heritage - LARC/CIBIO/InBIO) - Guirguis, Michele (Department of History, Human Sciences and Education, University of Sassari)

**b. BONES IN THE BASEMENT. THE STUDY OF THE REMAINS OF THE 19TH-20TH CENTURY ST. ANNA-CEMETERY IN KOEKELBERG, BRUSSELS, BELGIUM**

Van de Vijver, Katrien (Royal Belgian Institute of Natural Sciences) - Claes, Britt - Ghesquière, Valérie - Hardenne, Louise (Royal Museums of Art and History)

**c. PARTS OF A NEW WHOLE: FIRST STEPS TOWARDS A BIOARCHAEOLOGICAL INVESTIGATION OF LATE CYPRIOT ATTITUDES TOWARDS DEATH AND THE BODY**

Lee, Hannah (University of Sheffield) - Nikita, Efthymia - Christofi, Polina (The Cyprus Institute)

## 172 MEDIATING PROXIES AND CHOICE IN A STONE AGE WORLD

**ROOM:** UB220

**TIME:** 14:00 - 18:00

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Regular session

**ORGANISERS:** Nyland, Astrid (Archaeological Museum, University of Stavanger) - Cooney, Gabriel (University College Dublin, School of Archaeology)

### ABSTRACTS

**14:00 TO POSSESS A 'FAKE' OR AN 'ORIGINAL' - DID THE ORIGIN OF ROCK MATTER IN THE MESOLITHIC?**

Nyland, Astrid (Museum of Archaeology, University of Stavanger)

**14:15 NEWFOUND KNOWLEDGE OF MESOLITHIC SETTLEMENT ACTIVITIES DUE TO THE PRESERVATION OF ORGANIC MATERIAL. A CASE STUDY FROM ROGALAND, NORWAY**

Meling, Trond (Museum of Archaeology, University of Stavanger)

**14:30 BALANCING ARCHAEOLOGICAL KNOWLEDGE WITH THE BASIS OF CHOICE IN THE USE OF LITHIC SOURCES IN THE NEOLITHIC**

Cooney, Gabriel (University College Dublin)

**14:45 FUNERARY CHOICES IN NEOLITHIC IRELAND: THE CHANGING TREATMENTS OF THE DEAD IN THE LATER FOURTH AND EARLY THIRD MILLENNIA BC**

Kador, Thomas (University College London)

**15:00 AN ANTHROPOLOGICAL EVALUATION OF LATE NEOLITHIC HUMAN REMAINS FROM SWITZERLAND**

Siebke, Inga (Department of Physical Anthropology, Institute of Forensic Medicine, University of Bern) - Steuri, Noah (Department of Prehistory, Institute of Archaeological Sciences, University of Bern) - Furtwängler, Anja (Institute for Archaeological Sciences, Archaeo- and Palaeogenetics, University of Tübingen) - Hafner, Albert (Department of Prehistory, Institute of Archaeological Sciences, University of Bern) - Krause, Johannes (Institute for Archaeological Sciences, Archaeo- and Palaeogenetics, University of Tübingen); Max

Planck Institute for the Science of Human History, Jena; Senckenberg Centre for Human Evolution and Palaeoenvironment, University of Tübingen) - Lösch, Sandra (Department of Physical Anthropology, Institute of Forensic Medicine, University of Bern)

**15:15 PROJÉT JADE/JADE2: USING ‘HARD SCIENCE’, INTEGRATED WITH ARCHAEOLOGICAL THEORY AND ANTHROPOLOGICAL INSIGHT, TO UNDERSTAND NEOLITHIC SOCIETIES IN EUROPE**

Sheridan, Alison (Dept. Scottish History & Archaeology,) - Petrequin, Pierre (University of Besancon) - Errera, Michel (Freelance) - Nicolas, Clement (Universite Paris 1 - Pantheon-Sorbonne)

**15:30 DISCUSSION SLOT**

**16:30 TERMINAL PLEISTOCENE AND HOLOCENE DIETARY PATTERNS AT THE PAISLEY CAVES, OREGON, USA**

Blong, John - Shillito, Lisa-Marie (Newcastle University) - Jenkins, Dennis (University of Oregon)

**16:45 INTERDISCIPLINARY STUDIES OF THE MIDDLE AND LATE STONE AGE SITES IN THE CHASHKINSKY ARCHAEOLOGICAL REGION (UPPER KAMA BASIN)**

Lychagina, Evgeniia (Perm State Humanitarian Pedagogical University) - Zaretskaya, Nataliya (Geological Institute of RAS) - Trofimova, Svetlana - Lapteva, Elena (Institute of Plant and Animal Ecology, Ural Branch of RAS) - Chernov, Alexey (Moscow State University)

**17:00 NICHE CONSTRUCTION IN MESOLITHIC IRELAND**

Perkins, James - Basell, Laura - Plunkett, Gill (Queen's University, Belfast)

**17:15 PROBLEMS WITH DATING, OR DATING THE PROBLEM? TRYING TO IDENTIFY SETTLEMENT STRUCTURES IN THE EARLY NEOLITHIC IN SOUTHWESTERN NORWAY**

Eilertsen, Krister (Museum of Archaeology, University of Stavanger)

**17:30 DISCUSSION SLOT**

**POSTERS**

**a. PROVENANCE STUDIES (PXRF) OF MIDDLE NEOLITHIC POTTERY IN FALBYGDEN, SWEDEN**

Bakunic Fridén, Imelda (Rio Göteborg Natur- & kulturkooperativ; Project: Neolithic Lifeways) - Blank, Malou (Gothenburg University; Project: Neolithic Lifeways)

**b. GLOBOTRUNCANA AS ANCIENT PATHS ILLUMINATORS**

Sosic Klindzic, Rajna (Faculty of Humanities and Social Sciences University of Zagreb)

**c. MIDDLE PALAEOOLITHIC STRATIFIED OPEN-AIR SITES: INTEGRATED STUDIES IN THE CENTER OF THE RUSSIAN PLAIN**

Zaretskaya, Nataliya (Geological Institute, Russian Academy of Sciences) - Otcherednoy, Alexander (Institute for the History of Material Culture, Russian Academy of Science) - Voskresenskaya, Ekaterina (Institute of Geography, Russian Academy of Sciences) -

Stepanova, Ksenia - Larionova, Alisa - Vishnyatsky, Leonid - Nehoroshev, Pavel (Institute for the History of Material Culture, Russian Academy of Sciences)

## 183 OUT OF THE PAST INTO THE FUTURE – PROFESSIONAL COHESION THROUGH DIVERSITY

ROOM: UB204

TIME: 8:30 - 10:30

THEME: Archaeology and the European Year of Cultural Heritage

FORMAT: Session with presentations of 6 slides in 6 minute

ORGANISERS: Smits, Vivian (SVK - Västärvet Studio Västsvensk Konservering; Linnaeus University, GRASCA) - Jones-Amin, Holly (The Grimwade Centre for Cultural Materials Conservation – Commercial Conservation Services UoM Commercial Ltd) - Yoshida, Maruchi (YCONS Yoshida-conservation) - Joosten, Ineke (Cultural Heritage Agency of the Netherlands) - Godfrey, Evelyne (Uffington Heritage Watch)



### ABSTRACTS

- 8:30 THE CONSERVATOR AS COMMUNICATOR, CONCILIATOR AND CONNECTOR – THINKING AND ACTING OUTSIDE OF OUR PROFESSIONAL COMFORT ZONES**  
Yoshida, Maruchi (YCONS Yoshida-Conservation; kurecon Kulturgutrettungscontainer)
- 8:36 LET’S TALK ABOUT THIS! WORDS MATTER, CHOOSE THEM CAREFULLY**  
Smits, Vivian (SVK - Västärvet Studio Västsvensk Konservering; Linnaeus University, GRASCA) - Jones-Amin, Holly (The Grimwade Centre for Cultural Materials Conservation - Commercial Conservation Services UoM Commercial Ltd)
- 8:42 DO ARCHAEOLOGISTS LEARN ABOUT CONSERVATION IN THEIR STUDY PROGRAM – AND VICE VERSA? A CRITICAL EXAMINATION OF UNDERGRADUATE STUDY PROGRAMS**  
Gutmiedl-Schuemann, Doris (Freie Universität Berlin, Institut für Prähistorische Archäologie)
- 8:48 THE CONSERVATOR’S ROLE IN ARCHAEOLOGICAL FIELDWORK - A PRACTICAL EXAMPLE FROM THE EXCAVATION OF NYA LÖDÖSE**  
Skogbert, Madelene (Studio Västsvensk Konservering)
- 8:54 AMOR - LEADING TO AN INNOVATIVE, INTERDISCIPLINARY STRATEGY AFTER EXCAVATION FOR PRECIOUS METAL**  
van der Stok, Janneke - Bommel, Maarten (University of Amsterdam) - Joosten, Ineke (Cultural Heritage Agency of the Netherlands) - Beentjes, Tonny (University of Amsterdam)
- 9:00 PUTTING THE WHOLE STORY ON DISPLAY THE INCORPORATION OF SPECIALIST ANALYSES IN MUSEUM DISPLAYS: A DUTCH/FRENCH EXAMPLE**  
de Looft, Deandra (Leiden University) - Joosten, Ineke (Cultural Heritage Agency of the Netherlands) - King, Andrew (Psisché Synchrotron Soleil) - Bertrand, Loïc - Gueriau, Pierre - Li, Jiayi (IPANEMA European Research Platform on Ancient Materials) - Jansen, Richard - Vaart-Verschoof, Sasja (Leiden University)



- 9:06 DIGITAL OUTREACH IN THE FIELD**  
Van de Ven, Annelies (University of Melbourne)
- 9:12 A UNIQUE DATA CARRIER: A STUDY OF MARITIME-ARCHAEOLOGICAL GILDING, DE COLORANDO AURO AND CONSERVATION PRACTICE**  
Kuiper, Elisabeth (University of Amsterdam)
- 9:18 CIFA SPECIAL INTEREST GROUPS**  
Hinton, Peter (Chartered Institute for Archaeologists)
- 9:24 PROFESSIONAL COHESION IN ARCHAEOLOGICAL CONSERVATION**  
Godfrey, Evelyne (Uffington Heritage Watch)
- 9:30 DISCUSSION SLOT**

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## 199 WHAT WE ARE LEARNING FROM EXPERIMENTAL ARCHAEOLOGY?

**ROOM:** UB407

**TIME:** 14:00 - 18:00

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Regular session

**ORGANISERS:** Paardekooper, Roeland (EXARC) - Mytum, Harold (University of Liverpool, Archaeology, Classics and Egyptology)

### ABSTRACTS

- 14:00 WHAT WE ARE LEARNING FROM EXPERIMENTAL ARCHAEOLOGY?**  
Paardekooper, Roeland (EXARC)
- 14:15 MUD BRICK BUILDING IN ANCIENT EGYPT - AN EXPERIMENTAL APPROACH**  
Debowska-Ludwin, Joanna - Rosinska-Balik, Karolina (Jagiellonian University in Krakow)
- 14:30 WHAT GOES AROUND COMES AROUND: LESSONS FROM EXCAVATING AND REBUILDING A RECONSTRUCTED IRON AGE ROUNDHOUSE AT CASTELL HENLLYS, PEMBROKESHIRE, WALES**  
Mytum, Harold (University of Liverpool)
- 14:45 GROWING THE PAST: PREHISTORIC FOOD PRODUCTION AS A MODEL FOR RESILIENCE IN A CHANGING CLIMATE**  
Mueller, Natalie (Cornell University) - Patton, Paul (Ohio University)
- 15:00 AN EXPERIMENTAL PROJECT TO REPRODUCE IRON AGE IBERIAN KILNS**  
Jornet, Rafael (University of Barcelona; Món Iber Rocs SL) - Morer de Llorens, Jordi (Món Iber Rocs SL) - Gil Limón, Borja - Cardona Colell, Ramón (Centre d'Estudis Lacetans)

**15:15 EXPERIMENTAL KNAPPING SIMULATIONS AND THE CREATION OF NEW (OLD) BEHAVIOURAL DATA**

Stade, Cory (University of Southampton)

**15:30 EXPERIENCE IN RECONSTRUCTION AND USING OF SINTASHTA CULTURE ARROWHEADS**

Semyan, Ivan (South Ural State University; Archaeos - experimental archaeology center)

**15:45 DISCUSSION SLOT**

**16:30 RED ALERT? THE COLORS OF HEAT-AFFECTED QUARTZITE**

Bentsen, Silje (University of the Witwatersrand)

**16:45 WHAT HAVE WE LEARNT AFTER 27 YEARS OF EXPERIMENTAL ARCHAEOLOGY AT L'ESQUERDA?**

Ollich, Imma - Pratdesaba-Sala, Albert (Universitat de Barcelona; Museu Arqueològic de l'Esquerda) - Rocafiguera, Montserrat (Museu Arqueològic de l'Esquerda) - Serrat, David (Universitat de Barcelona) - Ocaña, Maria (Museu Arqueològic de l'Esquerda) - Amblàs, Oriol (Escola d'Art i Superior de Disseny de Vic; Museu Arqueològic de l'Esquerda) - Pujol-Camps, Àngels (Museu Arqueològic de l'Esquerda) - Cubero, Carme (Universitat Oberta de Catalunya; Museu Arqueològic de l'Esquerda)

**17:00 EXPERIMENTAL ARCHAEOLOGY AND EXPERIMENTATION AS A LEARNING TOOL OF THE IBERIAN PERIOD: THE IBERIAN CITADEL OF CALAFELL**

Gómez Gutiérrez, Manel (Organisme Autònom Municipal Fundació Castell de Calafell) - Pou Vallès, Josep (Ajuntament de Calafell)

**17:15 EXPERIMENTAL ARCHEOLOGY AND ACADEMIC TRAINING AT THE AUTONOMOUS UNIVERSITY OF BARCELONA (UAB)**

Palomo, Antoni (Museu d'Arqueologia de Catalunya-Barcelona) - Díez-Canseco, Celia - Fernández-Nuñez, Sofía (Departamento de Prehistoria, UAB) - Gascón, Mireia (CIPAG) - Gironès, Ivan (GRAMPO, Departamento de Prehistoria, UAB) - Gonzales, Alex (Departamento de Prehistoria, UAB) - Mangas, Alberto (Laboratori d'Arqueologia Quantitativa, Departamento de Prehistoria, UAB) - Monforte-Barberán, Andreu (GRAMPO, Departamento de Prehistoria, UAB) - Ripoll, Joaquim (Laboratori d'Arqueozoologia, UAB) - Eguiluz, Marina (ASOME, Departamento de Prehistoria, UAB)

**17:30 DISCUSSION SLOT**

**POSTERS**

**a. FIRE CONDITIONS IN A CHALCOLITHIC BURNT HOUSE OF MAJDANETSKE (TRIPOLJE CULTURE, UKRAINE) BASED ON ANALYSES OF ARCHAEOLOGICAL AND EXPERIMENTALLY-PRODUCED DAUB**

Dal Corso, Marta (Inst. of Pre- and Protohistoric Archaeology - Kiel University; CRC 1266 Scales of Transformation - Kiel University) - Dreibrodt, Stefan (CRC 1266 Scales of

Transformation - Kiel University; Inst. of Ecosystem Research - Kiel University) - Bodden, Pia - Martini, Sarah (Inst. of Pre- and Protohistoric Archaeology - Kiel University) - Hofmann, Robert (Inst. of Pre- and Protohistoric Archaeology - Kiel University; CRC 1266 Scales of Transformation - Kiel University)

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## 254 MOBILITY AND CULTURE CHANGE DURING TRANSITIONAL PERIODS IN AND AROUND THE ALPINE REGION

**ROOM:** UB412

**TIME:** 11:00 - 13:00

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Maxwell, Ashley (University of South Florida) - Hughes, Ryan (Independent Scholar) - Tykot, Robert (University of South Florida) - Vianello, Andrea (University of South Florida)

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### ABSTRACTS

**11:00 ASSESSING THE ROMAN IMPACT ON AGRICULTURE IN THE SWISS PLATEAU (480 B.C.E. - 476 C.E.)**

Hughes, Ryan (Independent Scholar)

**11:15 IRON AGE MIGRANTS? DIET, MOBILITY, AND FUNERARY TREATMENT IN THE PRE-ROMAN POPULATION OF VERONA (NORTHERN ITALY - 3RD-1ST C. BC)**

Laffranchi, Zita (Department of Legal Medicine, Toxicology and Physical Anthropology, Faculty of Medicine, University of Granada) - Milella, Marco (Department of Anthropology, University of Zurich)

**11:30 MOBILITY IN EARLY MEDIEVAL NORTHEASTERN ITALY: A VIEW FROM STRONTIUM AND OXYGEN ISOTOPE ANALYSES**

Vianello, Andrea - Tykot, Robert (University of South Florida)

**11:45 AN INVESTIGATION OF SOCIOPOLITICAL AND ECONOMIC CHANGES IN EARLY MEDIEVAL VENETO AFTER THE ARRIVAL OF THE LANGOBARDS**

Maxwell, Ashley - Tykot, Robert - Vianello, Andrea (University of South Florida)

**12:00 DISCUSSION SLOT**

## 263 PRECIOUS MATERIALS AND FINE METAL WORK IN THE EUROPEAN IRON AGE – FUNCTION, AESTHETIC AND TECHNOLOGY

**ROOM:** UB209

**TIME:** 8:30 - 12:00

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Armbruster, Barbara (CNRS - Laboratoire TRACES - UMR 5608) - Fürst, Sebastian (Curt-Engelhorn Center Archaeometry - Mannheim) - Nordez, Marilou (CNRS - Laboratoire TRACES - UMR 5608) - Schwab, Roland (Curt-Engelhorn Center Archaeometry - Mannheim)

### ABSTRACTS

- 8:30 TEXTILES AS PRESTIGE GOODS IN CENTRAL EUROPE 800-400 BC**  
Groemer, Karina (Natural History Museum Vienna, Prehistoric Department)
- 8:45 THE GLITTER OF GLASS: USING PRODUCTION SYSTEMS TO APPROACH THE VALUE OF GOODS**  
Rolland, Joëlle (UMR 8215 Trajectoires; UMR 5060 IRAMat/Ceb)
- 9:00 THE VALUE OF BEADS, SYNTHETIC JEWELS – TRINKETS OR TALISMANS?**  
Råhlander, Moa (Stockholm University)
- 9:15 LUXURY FOR THE MASSES - RED CORALS AS AN INDICATOR FOR INTERCULTURAL CONNECTIONS AND SOCIAL DYNAMICS**  
Fuerst, Sebastian (Curt-Engelhorn-Centre Archaeometry gGmbH Mannheim)
- 9:30 GOLD AND BRONZE ANNULAR ORNAMENTS IN LATE IRON AGE**  
Nordez, Marilou (CNRS)
- 9:45 LOOKING GOOD DEAD. PXRF ANALYSIS AT THE ASSEMBLAGE LEVEL AND THE EPHEMERAL NATURE OF SOME COPPER ALLOY BURIAL GOODS**  
Kovacik, Joseph (Éveha études archéologiques) - Save, Sabrina (Amélie SARL) - Filippini, Anne - Mamie, Antoine - Bernard, Marion (Éveha études archéologiques)
- 10:00 NEW PERSPECTIVES ON THE TECHNOLOGY AND FUNCTION OF IRON AGE GOLDWORK: THE RECOUSO TREASURE (NW IBERIAN PENINSULA)**  
Armada, Xose-Lois - García-Vuelta, Óscar (Institute of Heritage Sciences, Spanish National Research Council, Incipit - CSIC) - Scrivano, Simona (Departamento de Física Atómica Molecular y Nuclear, University of Seville; Centro Nacional de Aceleradores - CNA)
- 10:15 DISCUSSION SLOT**
- 11:00 TECHNOLOGICAL STUDIES OF IRON AGE GOLD WORK DECORATION**  
Armbruster, Barbara (Centre National de Recherche Scientifique)

**11:15 THE COMING OF SILVER TO THE IRON AGE: FIRST ARCHAEOMETALLURGICAL IMPRESSIONS FROM ITALY**

Schwab, Roland (Curt-Engelhorn-Zentrum Archäometrie) - Babbi, Andrea (Römisch-Germanisches-Zentralmuseum Mainz) - Pernicka, Ernst (Curt-Engelhorn-Zentrum Archäometrie)

**11:30 DISCUSSION SLOT**

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**305 DEPLOYING THE DEAD II: DEAD BODIES AND SOCIAL TRANSFORMATIONS**

ROOM: UB4M

TIME: 14:00 - 18:30

THEME: The archaeology of material culture, bodies and landscapes

FORMAT: Regular session

ORGANISERS: Weiss-Krejci, Estella (Austrian Academy of Sciences) - Becker, Sebastian (Austrian Academy of Sciences) - Šmejda, Ladislav (Czech University of Life Sciences, Faculty of Environmental Sciences)



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**ABSTRACTS**

**14:00 INTRODUCTION**

Weiss-Krejci, Estella - Becker, Sebastian (Austrian Academy of Sciences) - Šmejda, Ladislav (Czech University of Life Sciences, Faculty of Environmental Sciences) - Schwyzer, Philip (University of Exeter)

**14:30 THREADED ANCESTORS: THE USE OF (HUMAN) BONE ORNAMENTS IN EARLY BRONZE AGE AUSTRIA**

Becker, Sebastian - Weiss-Krejci, Estella (Austrian Academy of Sciences) - Mandl, Kirsten (University of Vienna, Department of Anthropology) - Teschler-Nicola, Maria (Natural History Museum Vienna)

**14:45 THE IMPERMANENCE OF DEATH: TOMB REUSE IN CENTRAL APULIA IN THE 4TH CENTURY BCE**

Peruzzi, Bice (Rutgers State University of New Jersey)

**15:00 THE TIMES THEY ARE A-CHANGIN': TOMB REUSE AND TIME PERSPECTIVES IN PRE-ROMAN VASTE AND CAVALLINO**

Hoernes, Matthias (University of Innsbruck)

**15:15 LITERARY TOMBS AND ARCHAEOLOGICAL KNOWLEDGE IN THE TWELFTH-CENTURY 'ROMANCES OF ANTIQUITY'**

Howell, Naomi (University of Exeter)

**15:30 BURIAL REUSE IN FELIX'S VITA SANCTI GUTHLACI**

Hartmann, Jan-Peer (Freie Universität Berlin)

**15:45 DISCUSSION SLOT****16:30 FIRE IN THE CUSTOMS OF ALL SOULS' DAY OF THE EASTERN SLAVS IN COMPARATIVE CONTEXT**

Wawrzeniuk, Joanna (Cardinal Stefan Wyszyński University, Faculty of History and Social Science, Institute of Archaeology)

**16:45 « FRANCE IS THE COUNTRY OF THE FRANKS ». CONSTRUCTION OF A NATIONAL IDENTITY THROUGH MEROVINGIAN BURIALS**

Noterman, Astrid (Stockholm University; CESCUM - UMR 7302) - Klevnäs, Alison (Stockholm University)

**17:00 ONE DYNASTY, TWO COUNTRIES: THE DIVERGENT FATES OF TWO COLLECTIVE HABSBURG TOMBS**

Weiss-Krejci, Estella (Austrian Academy of Sciences)

**17:15 FROM SAINT TO AN ANTHROPOLOGICAL SPECIMEN. THE TRANSFORMATION OF THE ALLEGED SKELETAL REMAINS OF SAINT ERIK**

Kjellstrom, Anna (Department of Archaeology, Osteoarchaeological Research Laboratory, Stockholm University)

**17:30 "IN SPITE OF DEATH & HIS PLAGUE, TO MAINTAIN THE MEMORY [...]": PLAGUE PAMPHLETS AS MONUMENTS TO THE ANONYMOUS DEAD**

Briest, Sarah (FU Berlin)

**17:45 'THE GROUND IS MADE OF THE BODIES OF CHRISTIANS': HISTORICAL AND LITERARY PERSPECTIVES ON NECROSOLS**

Schwyzler, Philip (University of Exeter) - Šmejda, Ladislav (Czech University of Life Sciences, Faculty of Environmental Sciences)

**18:00 DISCUSSION SLOT**


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## **344 PAVING THE WAY FOR ARCHAEOLOGICALLY INFORMED PALAEO-POPULATION GENETICS: INCORPORATING ARCHAEOLOGICAL INFORMATION IN PALEOGENOMIC RESEARCH, AND VICE VERSA**

**ROOM:** UB222

**TIME:** 8:30 - 13:00

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Regular session

**ORGANISERS:** Hofmanová, Zuzana (University of Fribourg) - Burger, Joachim (Johannes Gutenberg University Mainz)

**8:30 NOVEL STATISTICAL TOOLS BRING TO LIGHT COMPLEX INTERACTIONS DURING PREHISTORIC DEMOGRAPHIC TURNS: THE CASE OF LEPENSKI VIR**

Hofmanová, Zuzana - Link, Vivian - Schulz, Illektra (Department of Biology, University of Fribourg; Swiss Institute of Bioinformatics, Fribourg) - Bloecher, Jens - Winkelbach, Laura (Palaeogenetics Group, Institute of Organismic and Molecular Evolution - iOME, JGU Mainz) - Stefanović, Sofija (Laboratory for Bioarchaeology, Faculty of Philosophy, University of Belgrade) - Burger, Joachim (Palaeogenetics Group, Institute of Organismic and Molecular Evolution - iOME, JGU Mainz) - Wegmann, Daniel (Department of Biology, University of Fribourg; Swiss Institute of Bioinformatics, Fribourg)

**8:45 A HIGH-RESOLUTION TIME TRANSECT THROUGH THE LECH VALLEY, BAVARIA: POPULATIONS - FAMILIES - INDIVIDUALS**

Mittnik, Alissa (Max Planck Institute for the Science of Human History, Jena; Institute for Archaeological Sciences, University of Tübingen) - Knipper, Corina (Curt-Engelhorn-Centre Archaeometry gGmbH, Mannheim) - Massy, Ken (LMU Munich) - Stockhammer, Philipp W. (LMU Munich; Max Planck Institute for the Science of Human History, Jena) - Krause, Johannes (Max Planck Institute for the Science of Human History, Jena; Institute for Archaeological Sciences, University of Tübingen)

**9:00 KEEPING IT LOCAL: A CASE STUDY IN REGIONALISED APPROACHES TO PALAEOGENOMICS USING PREHISTORIC POPULATIONS FROM THE BURREN, CO. CLARE**

Cassidy, Lara (Trinity College Dublin) - Ó Maoldúin, Ros (The Irish Fieldschool of Prehistoric Archaeology; IT Sligo; NUI Galway) - Jones, Carleton (NUI Galway) - Lynch, Ann (National Monuments Service Ireland) - Eogan, James (Transport Infrastructure Ireland) - Bradley, Daniel (Trinity College Dublin)

**9:15 KINSHIP RELATIONSHIPS AND GENOMIC ORIGINS OF THE PEOPLES BURIED IN AN EARLY MEDIEVAL CEMETERY IN CENTRAL EUROPE**

Díez-del-Molino, David (Department of Bioinformatics and Genetics, Swedish Museum of Natural History, Stockholm; Archaeological Research Laboratory, Department of Archaeology and Classical Studies, Stockholm University) - Krzewinska, Maja (Archaeological Research Laboratory, Department of Archaeology and Classical Studies, Stockholm University) - Juras, Anna (Department of Human Evolutionary Biology, Institute of Anthropology, Faculty of Biology, Adam Mickiewicz University in Poznań) - Chyleński, Maciej (Institute of Archaeology, Faculty of History, Adam Mickiewicz University in Poznań) - Pospieszny, Łukasz (Institute of Archaeology and Ethnology, Polish Academy of Sciences, Warsaw) - Götherström, Anders (Archaeological Research Laboratory, Department of Archaeology and Classical Studies, Stockholm University)

**9:30 DUTCH POPULATION HISTORY FROM A GENETIC PERSPECTIVE**

Altena, Eveline - Smeding, Risha - Kraaijenbrink, Thirsa (Dept. of Human Genetics, Leiden University Medical Center) - Gaag, Kristiaan (Dept. of Biological Traces, Netherlands Forensic Institute, Den Haag) - Diekmann, Yoan - Thomas, Mark G. (Dept. of Genetics, Evolution

and Environment, University College London) - Knijff, Peter (Dept. of Human Genetics, Leiden University Medical Center)

**9:45 DISCUSSION SLOT**

**11:00 TERMINAL PLEISTOCENE ALASKAN GENOME REVEALS FIRST FOUNDING POPULATION OF NATIVE AMERICANS**

Willerslev, Eske (Cambridge)

**11:15 A PALAEOGENOMIC STUDY INVESTIGATING EARLY MEDIEVAL MIGRATION IN SOUTHERN GERMANY AND THE PECULIAR PHENOMENON OF ARTIFICIAL SKULL DEFORMATION**

Burger, Joachim (iOME - Institute of Organismic and Molecular Evolution, Mainz) - Harbeck, Michaela (SNSB, State Collection for Anthropology and Palaeoanatomy, Munich) - Groß, Melanie (iOME - Institute of Organismic and Molecular Evolution, Mainz) - Rott, Andreas (SNSB, State Collection for Anthropology and Palaeoanatomy, Munich) - Veeramah, Krishna (Department of Ecology and Evolution, Stony Brook University)

**11:30 USING HAPLOTYPES TO EXTRACT ADDITIONAL ANCESTRAL INFORMATION OUT OF ANCIENT DNA RESOURCES**

Hellenthal, Garrett (University College London)

**11:45 DISCUSSION SLOT**

**POSTERS**

**a. DNA SEQUENCES OF CO1 AND ITS1 GENES OBTAINED FROM ANCIENT CLONORCHIS SINENSIS EGGS REMAINED IN JOSEON DYNASTY MUMMIES**

Hong, Jong Ha (Laboratory of Bioanthropology, Paleopathology and History of Diseases, Seoul National University College of Medicine) - Oh, Chang Seok (Laboratory of Bioanthropology, Paleopathology and History of Diseases, Seoul National University College of Medicine; Institute of Forensic Science, Seoul National University College of Medicine, Seoul) - Seo, Min (Department of Parasitology, Dankook University College of Medicine, Cheonan) - Shin, Dong Hoon (Laboratory of Bioanthropology, Paleopathology and History of Diseases, Seoul National University College of Medicine; Institute of Forensic Science, Seoul National University College of Medicine)

**b. MITOGENOMIC DATA OF MEDIEVAL INDIVIDUALS "DUMPED" IN A COMMON BURIAL PIT FROM SOUTHEASTERN ROMANIA**

Rusu, Ioana (Department of Molecular Biology and Biotechnology, Faculty of Biology and Geology, Babeş-Bolyai University, Cluj-Napoca) - Modi, Alessandra (Department of Biology, University of Florence) - Radu, Claudia (Faculty of History and Philosophy, Babeş-Bolyai University, Cluj-Napoca) - Mircea, Cristina (Department of Molecular Biology and Biotechnology, Faculty of Biology and Geology, Babeş-Bolyai University) - Bodolică, Vitalie - Potârniche, Tiberiu - Dobrinescu, Cătălin (Museum of National History and Archeology, Constanta) - Popescu, Octavian (Department of Molecular Biology and Biotechnology, Faculty of



Biology and Geology, Babeş-Bolyai University, Cluj-Napoca) - Caramelli, David (Department of Biology, University of Florence) - Kelemen, Beatrice (Department of Molecular Biology and Biotechnology, Faculty of Biology and Geology, Babeş-Bolyai University, Cluj-Napoca)

## **347 COMPLEX BIOGRAPHIES: HIGH-RESOLUTION CHRONOLOGICAL METHODS APPLIED TO THE STUDY OF LATE PREHISTORIC FUNERARY PALIMPSESTS**

**ROOM:** UB411

**TIME:** 8:30 - 12:00

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Regular session

**ORGANISERS:** Díaz-Zorita Bonilla, Marta (Tübingen Universität) - Aranda Jiménez, Gonzalo (University of Granada) - Díaz del Río, Pedro (CSIC, Instituto de Historia, Madrid) - Lozano Medina, Águeda (University of Granada)

### **ABSTRACTS**

#### **8:30 PALIMPSESTS AND RADIOCARBON CHRONOLOGY**

Lozano Medina, Águeda - Aranda Jiménez, Gonzalo (University of Granada) - Díaz-Zorita Bonilla, Marta (Tübingen Universität) - Sánchez Romero, Margarita (University of Granada) - Escudero Carrillo, Javier (Tübingen Universität)

#### **8:45 RECONSTRUCTING FUNERARY PRACTICES IN THE COLLECTIVE TOMB OF MONTE DO CARRASCAL 2, HYPOGEUM I (BEJA, PORTUGAL) THROUGH HIGH-RESOLUTION CHRONOLOGICAL METHODS**

Neves, Maria João (CIAS - Research Centre for Anthropology and Health - University of Coimbra) - Silva, Ana Maria (CIAS - Research Center for Anthropology and Health - University of Coimbra; Uniarq - University of Lisbon) - Peyroteo Stjerna, Rita (Dep. Organismal Biology Evolutionary Biology Centre Uppsala University)

#### **9:00 DISCUSSION SLOT**

#### **9:15 INTERPRETATIVE APPROACH TO THE MEANING AND TEMPORALITY OF THE CLOSURE PRACTICES RECORDED IN THE MEGALITHISM OF DOURO BASIN**

Tejedor Rodriguez, Cristina (INCIPIIT, CSIC)

#### **9:30 PREHISTORIC ENCLOSURES AS PALIMPSESTS: A DEPOSITION OF HUMAN REMAINS IN DITCH 5, MARROQUÍES (JAÉN, SPAIN)**

Milesi, Lara - Aranda Jiménez, Gonzalo (Universidad de Granada. Facultad de Filosofía y Letras) - Díaz-Zorita Bonilla, Marta (Institut für Ur- und Frühgeschichte und Archäologie des Mittelalters, Eberhardt Karls Universität) - Beck, Jess (McDonald Institute for Archaeological Research) - Lozano Medina, Águeda - Sánchez Romero, Margarita (Universidad

de Granada. Facultad de Filosofía y Letras) - Escudero Carrillo, Javier (Institut für Ur- und Frühgeschichte und Archäologie des Mittelalters, Eberhardt Karls Universität)

**9:45 TEMPORALITY AND CHRONOLOGY OF THE NECROPOLIS OF LA BELEZA (CABRA, SPAIN)**

Rodríguez-Santos, Francisco Javier (Instituto Internacional de Investigaciones Prehistóricas de Cantabria, Universidad de Cantabria) - Santana-Cabrera, Jonathan (Department of Archaeology, Durham University; Marie Curie Sklodowska Fellow) - Camalich Massieu, María Dolores - Martín-Socas, Dimas (Departamento de Geografía e Historia. UDI de Prehistoria, Arqueología e Hª Antigua. Universidad de La Laguna) - Aranda Jiménez, Gonzalo - Lozano Medina, Águeda (Departamento de Prehistoria y Arqueología. Universidad de Granada) - Caro Herrero, José Luis (Departamento de Lenguajes y Ciencias de la Computación, Universidad de Málaga) - Caballero-Crespo, Amparo (Departamento de Geografía e Historia. UDI de Prehistoria, Arqueología e Hª Antigua. Universidad de La Laguna)

**10:00 DISCUSSION SLOT**

**11:00 UNTANGLING FUNERARY PALIMPSEPTS: THE RADIOCARBON CHRONOLOGY OF THE MEGALITHIC PHENOMENON IN SOUTHEASTERN IBERIA**

Díaz-Zorita Bonilla, Marta (Tübingen Universität) - Lozano Medina, Águeda - Aranda Jiménez, Gonzalo - Sánchez Romero, Margarita (University of Granada) - Escudero Carrillo, Javier (Tübingen Universität)

**11:15 EXPLORING TEMPORALITY IN A NATIVE AMERICAN BURIAL GROUND IN SOUTHERN CALIFORNIA USING GRAPHING SOFTWARE**

Ciolek-Torello, Richard - Grenda, Donn - Stanton, Patrick - Heckman, Robert (Statistical Research, Inc.)

**11:30 DISCUSSION SLOT**

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**353 ARCHAEOACOUSTICS - DISCUSSING SOUND IN ARCHAEOLOGICAL CONTEXTS**

**ROOM:** UB305

**TIME:** 8:30 - 16:00

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Mattioli, Tommaso (University of Barcelona, Dept. of History and Archaeology) - Rainio, Riitta (University of Helsinki, Dep. of Musicology)

**8:30 STUDIES IN THE SOUND DIMENSION OF PAINTED CAVES AND OUTDOOR PAINTED ROCKS**

Reznikoff, Iegor (University of Paris Nanterre)

**8:45 ARCHAEOACOUSTICS AND THE SINGING STONES**

Devereux, Paul (Time & Mind Journal)

**9:00 EXPLORING AUDITORY PERCEPTION AT PREHISTORIC ROCK PAINTINGS IN FINLAND**

Lassfolk, Kai - Rainio, Riitta - Lappi, Otto - Pekkanen, Jami (University of Helsinki)

**9:15 SOUND AND THE LANDSCAPE LOCATION OF SCANDINAVIAN ROCK ART: AN INITIAL SURVEY**

Dodd, James (Aarhus University)

**9:30 THE ACOUSTICS OF POST-PALAEOLITHIC ROCK ART LANDSCAPES IN SOUTH FRANCE**

Mattioli, Tommaso (University of Barcelona, Dept. of History and Archeology) - Hameau, Philippe (Laboratoire d'Anthropologie et de Psychologie Cognitive et Sociale - LAPCOS, de l'Université de Nice Sophia Antipolis) - Díaz-Andreu, Margarita (Prehistoria i Arqueologia, Facultat de Geografia i Historia, Universitat de Barcelona; ICREA - Barcelona)

**9:45 SOUND AND SONG IN THE TWILIGHT ZONE: MULTIMEDIA IMMERSION FOR A MULTISENSORY PHENOMENOLOGY OF MOJAVE DESERT ROCK ART LABYRINTHS**

Liwosz, Chester (University of California, Santa Cruz)

**10:00 DISCUSSION SLOT**

**11:00 CHRONOLOGICAL NOISE: ARCHAEOACOUSTICS AND ROCK ART SITES IN THE PRADES MOUNTAINS**

Díaz-Andreu, Margarita (ICREA; Universitat de Barcelona) - Viñas, Ramón (IPHES - Catalan Institute of Human Paleoeology and Social Evolution) - Mattioli, Tommaso (Universitat de Barcelona)

**11:15 ARCHAEOACOUSTICS AS A NEW APPROACH IN THE STUDY OF INTANGIBLE CULTURAL HERITAGE**

Bellia, Angela (Institute for Archaeological and Monumental Heritage, National Research Council; Marie Curie Alumni Association)

**11:30 MUSIC FOR HADES: EVIDENCE FOR THE ROLE OF PERCUSSION IN GREEK ESCHATOLOGICAL BELIEF**

Kolotourou, Katerina (Independent researcher)

**11:45 THE SOUNDS OF ANCIENT ART: A HOLISTIC APPROACH TO GRAECO-ROMAN SCULPTURE**

Broens, Cecilie (Harvard Center for Hellenic Studies; Ny Carlsberg Glyptotek)

**12:00 A SIXTH CENTURY LINK BETWEEN A REFERENCE TO REVERBERATION BY CASSIODORUS, AND THE BASILICA OF SAN VITALE AT RAVENNA**  
Tronchin, Lamberto (University of Bologna) - Knight, David (University of Southampton alumnus)

**12:15 OBJECTIVE VS. SUBJECTIVE APPROACH IN ARCHAEOACOUSTIC RESEARCH OF ORTHODOX CHURCHES**  
Đorđević, Zorana (Institute for Multidisciplinary Research, University of Belgrade) - Novković, Dragan (The School of Electrical and Computer Engineering of Applied Studies, Belgrade) - Dragišić, Marija (Institute for the Protection of Cultural Heritage of Serbia)

**12:30 THE SOUNDSCAPE OF CHURCH BELLS IN THE MIDDLE AGES. AN EXAMPLE FROM NORWAY**  
Hommedal, Alf Tore (University of Bergen)

**12:45 DISCUSSION SLOT**

**14:00 ON THE INTENTION TO MODIFY SOUND PROPAGATION IN MEDIEVAL AND MODERN WORSHIP PLACES: THE CASE OF THE ABBAYE DE MONTIVILLIERS**  
Valiere, Jean-Christophe (CNRS - Poitiers) - Carvalho, Pauline (Freelance archeologist) - Palazzo-Bertholon, Bénédicte (Centre d'Etudes Supérieur de Civilisation Médiévale - CESCUM, UMR CNRS 7302, Université de Poitiers) - FIALA, David (Centre d'Etudes Supérieur de la Renaissance - CESR, CNRS UMR 7323, Université de Tours) - Zara, Vasco (ARTEHIS, UMR CNRS 6298, Université de Bourgogne) - Dupuy, Estèle (FORELL, EA 3816, Batiment A3, Université de Poitiers) - Polack, Jean-Dominique (Institut Jean Le Rond d'Alembert, CNRS UMR 7190 Université Pierre et Marie Curie, Sorbonne Universités)

**14:15 SOUNDSCAPE OF SACRAL PLACES IN MEDIEVAL SERBIA**  
Đorđević, Zorana (Institute for Multidisciplinary Research, University of Belgrade) - Dragišić, Marija (Institute for the Protection of Cultural Heritage of Serbia)

**14:30 DOWNTOWN CHACO: PERFORMANCE SPACE, POLITICAL THEATER, AND AUDIBILITY**  
Witt, David (SUNY Buffalo) - Primeau, Kristy (SUNY Albany)

**14:45 SOUND COMMUNICATION IN NON-REVERBERATING ACOUSTICAL SPACES**  
Kolltveit, Gjermund (Independent)

**15:00 FROM ORDINARY TO LIMINAL SPACES: SOUNDSCAPES AND TRANSFORMATION IN THE IRISH LANDSCAPE**  
Primeau, Kristy (SUNY Albany) - Shaffer Foster, Jennifer (Medaille College) - Witt, David (SUNY Buffalo)

**15:15 ENCLOSING SOUND AND ENCOURAGING SONG: THE CONFLICTING SOUNDSCAPES OF A VICTORIAN LUNATIC ASYLUM**  
Fennelly, Katherine (University of Lincoln)

**15:30 DISCUSSION SLOT**

- a. **AURALIZATION OF KUKULCAN TEMPLE'S SOUND EFFECT "THE QUETZAL TAIL" THROUGH ITS HISTORICAL RECONSTRUCTIONS; AN INTENTIONALITY ARGUMENT**  
Chagoya, Servando - Ramos-Amézquita, Alejandro - Ramírez, Alexandra (Instituto Tecnológico y de Estudios Superiores de Monterrey)

## 355 TOWARDS AN ARCHAEOLOGY OF PEASANT AGENCY: DIVERSITY AND SCALE IN THE LONG DURATION

ROOM: UB410

TIME: 14:00 - 16:00

THEME: The archaeology of material culture, bodies and landscapes

FORMAT: Regular session

ORGANISERS: Tejerizo, Carlos (Institute of Heritage Science, CSIC; Universidad Nacional de Catamarca) - Quirós, Juan Antonio (University of the Basque Country) - Tente, Catarina (Universidade Nova de Lisboa)

## ABSTRACTS

### 14:00 AN ARCHAEOLOGY OF PEASANT AGENCY: A THEORETICAL APPROACH

Tejerizo, Carlos (Institute of Heritage Science, CSIC)

### 14:15 PEASANT ECONOMIES IN THE NORTH OF ROMAN CARPETANIA: LIVING CONDITIONS, NETWORKS, AND INEQUALITY

Bermejo Tirado, Jesús (Universidad Carlos III de Madrid)

### 14:30 RURAL LANDSCAPES IN THE QUEILES VALLEY BETWEEN THE IRON AGE AND LATE ANTIQUITY (SPAIN)

Bonilla Santander, Oscar (Universidad de Zaragoza) - Serrano Arnáez, Begoña (Universidad de Granada)

### 14:45 INNOVATION, RESILIENCE AND RISK MANAGEMENT - FOREST PEASANTS AND THE MARKET

Svensson, Eva (Karlstad University) - Lindholm, Karl-Johan (Uppsala University) - Eriksson, Ove (Stockholm University) - Löwenborg, Daniel - Ekblom, Anneli (Uppsala University) - Ersmark, Erik (The Swedish Museum of Natural History)

### 15:00 UPLAND FARMING IN IRELAND AND SCOTLAND: THE INTERACTION OF NON-ELITE PEOPLES WITH AGRARIAN CAPITALISM, AD 1450-1850

Costello, Eugene (National University of Ireland, Galway)

### 15:15 A MONTANE THEATRE OF PEASANT LABOUR: THOUGHTS ON PEASANT AGENCY IN THE CULTURAL LANDSCAPE OF ZAGORI (16TH - 19TH C.)

Moudopoulos Athanasiou, Faidon (University of Sheffield)

**15:30 'HAPPY UNDER THEIR OWN CUSTOMS': RUNDALE LANDSCAPES AND COLLECTIVE AGENCY IN THE POST-MEDIEVAL WEST OF IRELAND**

Campbell, Eve (Achill Archaeological Field School)

**15:45 DISCUSSION SLOT**

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**368 ARCHAEOLOGY OF MOVEMENT**

**ROOM:** UB310

**TIME:** 8:30 - 15:00

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Kristjansdottir, Steinunn (University of Iceland; National Museum of Iceland) - Walser III, Joe (University of Iceland) - Jakob, Tina (Durham University) - Ahlin Sundman, Elin (University of Iceland)

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**ABSTRACTS**

**8:30 THE LANGOBARDS IN ITALY: MIGRATION AND HEALTH IN THE VENETO**

Maxwell, Ashley (University of South Florida)

**8:45 LIFE AND DEATH ON THE WAY OF STARS: OSTEOLOGICAL, ISOTOPES AND ADNA ANALYSES ON THE MEDIEVAL CAMINO DE SANTIAGO**

Ramallo, Patxi (Department of Archaeology, Max Planck Institute for the Science of Human History; "La Caixa" Banking Foundation) - Rodríguez-Varela, Ricardo - Götherström, Ander (Department of Archaeology and Classical Studies, Stockholm University) - Higham, Tom (Oxford Radiocarbon Accelerator Unit, Research Laboratory for Archaeology & the History of Art, University of Oxford) - Grandal d'Anglade, Aurora (Instituto Universitario de Xeoloxía, Universidade da Coruña - UDC) - Etxeberria, Francisco (University of the Basque Country - UPV/EHU) - Roberts, Patrick (Department of Archaeology, Max Planck Institute for the Science of Human History)

**9:00 LEPROSY IN SCANDINAVIA IN THE WAKE OF MIGRATION DURING VIKING AGE**

Ahlstrom Arcini, Caroline (National Historical Museums)

**9:15 HYPEROSTOSIS FRONTALIS INTERNA AS A MARKER OF SOCIAL STATUS? EVIDENCE FROM THE BRONZE-AGE NORTHERN CAUCASUS PASTORALISTS AND VOLGA-DON SARMATIAN NOMADS**

Buzhilova, Alexandra - Berezina, Natalia (Moscow State University)

**9:30 MOVING THROUGH TIME: AN ANGLO-SAXON «WORKBOX» IN AN EARLY VIKING AGE BURIAL FROM NORWAY**

Glorstad, Zanette Tsigaridas (Museum of Cultural History)

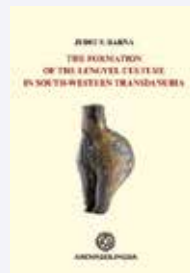
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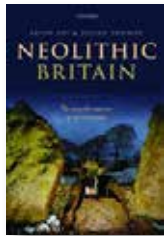
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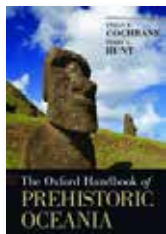
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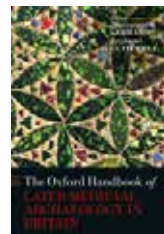
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**9:45 CHILDHOOD MOBILITY: STRONTIUM ISOTOPE PERSPECTIVE**

Hrncir, Vaclav (Charles University)

**10:00 A NEW REGIONAL MIGRATION APPROACH IN ARCHAEOLOGY: RURAL MIGRATION IN NORMANDY (FRANCE) DURING THE ROMAN PERIOD**

Spiesser, Jérôme (University Paris 1 Panthéon-Sorbonne; UMR 7041 ArScAn, équipe Archéologies Environnementales)

**10:15 DISCUSSION SLOT****11:00 EXTERNAL AUDITORY CANAL STENOSIS IN NEOLITHIC GROUPS (ASPECTS OF EVERYDAY LIFE)**

Berezina, Natalia - Buzhilova, Alexandra (Moscow State University)

**11:15 MOVING BETWEEN WAR AND PEACE IN THE 1521 BATTLE OF VÄSTERÅS**

Ahlin Sundman, Elin (University of Iceland)

**11:30 DIET, MOBILITY AND DISEASE AT SKRIÐUKLAUSTUR MONASTARY (1494-1554 AD)**

Walser III, Joe - Kristjánsdóttir, Steinunn (University of Iceland; National Museum of Iceland) - Jakob, Tina (Durham University)

**11:45 POTTERY FEATURES AS AN INDICATOR OF MIGRATIONS IN TRANS-URALS REGION IN IV-VII AD**

Zelenkov, Alexander (University of Tyumen)

**12:00 MOVEMENT OF THINGS RANNVEIG'S CASKET AND OTHER COMMODITIES**

Kristjansdottir, Steinunn (University of Iceland; National Museum of Iceland)

**12:15 SKILLS AND IDEAS - THE MIGRATION OF GLASS WORKERS IN POST-MEDIEVAL ESTONIA**

Reppo, Monika (University of Tartu)

**12:30 THE COMPLEX APPROACHES OF ARTEFACT-ARCHAEOGENETICS**

Gerber, Dániel (Institute of Archaeology Hungarian Academy of Sciences - Budapest VII; Department of Genetics, Faculty of Sciences, Eötvös Loránd University) - Koncz, István - Tóth, Zsuzsanna (Institute of Archaeological Sciences, Faculty of Humanities, Eötvös Loránd University) - Szécsényi-Nagy, Anna - Mende, Balázs Gusztáv (Institute of Archaeology Hungarian Academy of Sciences - Budapest VII)

**12:45 DISCUSSION SLOT****14:00 MIGRATIONS AND BIOARCHAEOLOGICAL RESEARCH**

Jakob, Tina (Durham University) - Walser III, Joe (University of Iceland; National Museum of Iceland)

### 14:15 **CONCEPTUAL WORKFLOW AND PRELIMINARY RESULTS OF THE DEVELOPMENT OF TRANSCONTINENTAL, MULTI-FACTOR PROBABILISTIC CORRIDORS: A NEW APPROACH TO PAST MOBILITY**

Orengo, Hector (McDonald Institute for Archaeological Research, University of Cambridge)  
 - Wilkinson, Toby C. (McDonald Institute for Archaeological Research and Churchill College, University of Cambridge) - Petrie, Cameron A. (Department of Archaeology, University of Cambridge)

### 14:30 **DISCUSSION SLOT**

## POSTERS

- a. **REDISCOVERING THE “VILLANOVANS”: NEW APPLICATION OF STRONTIUM ISOTOPE ANALYSIS TO THE ITALIAN IRON AGE**  
 Esposito, Carmen (Queen’s University Belfast)
- b. **DID A VOLCANIC ERUPTION LEAD TO MASS MIGRATION IN THE PONTINE PLAIN AND FONDI BASIN DURING THE BRONZE AGE?**  
 van Leusen, Martijn - Alessandri, Luca - Attema, Peter (University of Groningen) - Doorenbosch, Marieke - Field, Michael (University of Leiden) - Sevink, Jan (University of Amsterdam) - van Gorp, Wouter (University of Groningen) - Bakels, Corrie (University of Leiden)
- c. **LONG-DISTANCE JOURNEYS OF PEOPLE AND THINGS DURING THE EARLY NEOLITHIC. A CASE OF AN IMPORTED CERAMIC VESSEL FROM RYŃSK (N POLAND)**  
 Adamczak, Kamil (Institute of Archaeology, Nicolaus Copernicus University in Torun)

## 370 **ARTEFACT REPORTING, SCIENCE AND SELECTION**

**ROOM:** UB308

**TIME:** 16:30 - 18:30

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Regular session

**ORGANISERS:** Brown, Duncan (Historic England) - Gumbert, Barbara (Erfgoed Leiden en Omstreken)



## ABSTRACTS

### 16:30 **STANDARDS OF REPORTING AND APPROACHES TO SELECTION**

Brown, Duncan (HE - Historic England)

### 16:45 **HOW TO SAFEGUARD ARCHAEOLOGICAL DATA FOR FUTURE ARCHAEOLOGISTS**

Grimme, Anne Hiske (Erfgoed Leiden en Omstreken)

### 17:00 **DISCUSSION SLOT**

**17:15 TESTING A METHOD OF NEOLITHIC CERAMIC ANALYSIS**

Escribá Ruiz, M<sup>a</sup> Pilar - Molina, Lluís - Bernabeu Aubán, Joan - Jiménez-Puerto, Joaquín (Universitat de València)

**17:30 ARCHAEOLOGICAL AUTOMATIC INTERPRETATION AND DOCUMENTATION OF CERAMICS: PRESENTATION AND RESULTS OF ARCHAIDE PROJECT**

Miguel Gascón, Eva (Universitat de Barcelona; Cultura Material i Arqueometria UB - AR-QUB-GRACPE) - Anichini, Francesca (Università di Pisa) - Green, Katie (University of York)

**17:45 WORKING WITH ARCHIVE PROJECTS IN SCOTLAND: THE OPPORTUNITIES AND THE CHALLENGES**

Brown, Lisa (HES Historic Environment Scotland)

**18:00 DISCUSSION SLOT****375 EXPLORING THE POTENTIAL OF PALYNOLOGY IN ARCHAEOLOGICAL CONTEXTS**

**ROOM:** UB204

**TIME:** 11:30 - 18:30

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Regular session

**ORGANISERS:** Lechterbeck, Jutta (University of Stavanger, Museum of Archaeology) - Jensen, Christin E. (University of Stavanger, Museum of Archaeology) - Lagerås, Per (National Historical Museums, Lund)

**ABSTRACTS****11:30 A ROMAN WELL IN WALDGIRMES (HESSÉ, GERMANY) - PALYNOLOGICAL AND MICROMORPHOLOGICAL ANALYSES**

Stobbe, Astrid (Frankfurt University, Archaeological Sciences, Archaeobotany Laboratory) - Röpke, Astrid (Cologne University, Archaeological Sciences, Archaeobotany) - Rasbach, Gabriele (German Archaeological Institute, Romano-Germanic Commission, Frankfurt)

**11:45 ARTEFACT POLLEN WASHES: RECOVERING POLLEN IMPRINTS OF PLANT USAGE IN ARCHAEOLOGICAL OBJECTS**

Ejarque, Ana (Université Clermont Auvergne, CNRS, GEOLAB) - Miras, Yannick (CNRS, UMR 7194, Histoire Naturelle de l'Homme Préhistorique, Département de Préhistoire, Muséum National d'Histoire Naturelle, Institut de Paléontologie Humaine, Paris) - Barbier-Pain, Delphine (Inrap Grand-Ouest; CNRS, UMR 6566, CReAAH, Université Rennes 1; Université de Bretagne Sud, GMGL, Centre de recherche Yves Coppens) - Corbineau, Rémi (CNRS, UMR 6566, CReAAH, Université Rennes 1; Aix-Marseille Université) - Riera, Santiago (Seminary of Prehistoric Studies and Research, University of Barcelona) - Ledger, Paul M. (Department of Archaeology, University of Aberdeen) - Bergadá, M. Mercè (Seminary of Prehistoric Studies and Research, University of Barcelona) - Sánchez De La Torre, Marta (Seminary

of Prehistoric Studies and Research, University of Barcelona; IRAMAT-CRP2A, UMR 5060, CNRS-Université Bordeaux-Montaigne) - Martínez-Grau, Héctor - Mangado Llach, Javier (Seminary of Prehistoric Studies and Research, University of Barcelona, Barcelona)

**12:00 POLLEN RECORDS ILLUMINATE DIET AND ACTIVITY: PRIVIES/COPROLITES, TRASH AND FIRE**

Scott Cummings, Linda (PaleoResearch Institute)

**12:15 HOW DO NON-POLLEN PALYNOMORPHS DEFINE LATRINES? A STUDY OF NON-POLLEN PALYNOMORPHS IN DANISH MEDIEVAL CESSPITS**

Enevold, Renée (Moesgaard Museum; Department of Geoscience, Aarhus University) - Hammers, Neeke - Haase, Kirstine (Department of Archeology and Heritage, Aarhus University) - Odgaard, Bent (Department of Geoscience, Aarhus University)

**12:30 DISCUSSION SLOT**

**14:00 THE POTENTIAL OF POLLEN RECORDS FROM WELLS - A REVIEW FROM SOUTHERN SWEDEN**

Lagerås, Per (National Historical Museum)

**14:15 WHAT HAPPENS WITH POLLEN GRAINS IN HEARTHS? TAPHONOMIC APPROACH TO THE POLLEN RECORD FROM ABRIC ROMANÍ LEVEL M (NE IBERIAN PENINSULA)**

Val-Peón, Cristina - Expósito, Isabel (IPHES, Institut Català de Paleoecologia Humana i Evolució Social; URV, Universitat Rovira i Virgili, Àrea de Prehistòria) - Burjachs, Francesc (ICREA; IPHES, Institut Català de Paleoecologia Humana i Evolució Social; URV, Universitat Rovira i Virgili, Àrea de Prehistòria) - Vallverdú, Josep (IPHES, Institut Català de Paleoecologia Humana i Evolució Social; URV, Universitat Rovira i Virgili, Àrea de Prehistòria) - Carbonell, Eudald (URV, Universitat Rovira i Virgili, Àrea de Prehistòria; IPHES, Institut Català de Paleoecologia Humana i Evolució Social)

**14:30 BRONZE AGE WELLS IN THE TRANSURALS (RUSSIA) AS MULTI-RECORD ARCHIVES - A COMBINED STUDY OF POLLEN, PLANT MACRO-REMAINS AND MICROMORPHOLOGY**

Rühl, Lisa - Stobbe, Astrid (Goethe University Frankfurt)

**14:45 DISCUSSION SLOT**

**15:00 WELL, WELL, WELL: COMPARING ON- AND OFF-SITE POLLEN SAMPLES AND HOW TO DEAL WITH THE RESULTS**

van Amerongen, Yvonne (Archol - Archaeological Research Leiden)

**15:15 THE POTENTIAL OF ARCHAEOPALYNOLOGY IN LAKESIDE SETTLEMENTS RESEARCH. STUDY CASE IN THE EARLY NEOLITHIC SITE OF LA DRAGA (NE IBERIA)**

Revelles, Jordi (Universitat Autònoma de Barcelona)

**15:30 LAKE SEDIMENTS AS A NATURAL ARCHIVE FOR STUDYING PAST HUMAN ACTIVITIES**

Sobkowiak-Tabaka, Iwona (Ośrodek Studiów Pradziejowych i Średniowiecznych, Instytut Archeologii i Etnologii PAN) - Milecka, Krystyna (Instytut Geookologii i Geoinformacji,

Uniwersytet im. A. Mickiewicza) - Kubiak-Martens, Lucy (BiaxConsult Biologische archeologie&Landschapsreconstructie) - Pawłowski, Dominik (Instytut Geologii, Uniwersytet im. A. Mickiewicza) - Janczak-Kostecka, Beata (Instytut Geoekologii i Geoinformacji, Uniwersytet im. A. Mickiewicza)

**15:45 DISCUSSION SLOT**

**16:30 PALYNOLOGICAL EVIDENCE FROM BURIED TOPSOILS, COMBINED WITH RESULTS FROM PLANT MACROFOSSIL ANALYSES AT THE BRONZE AGE FORTIFICATION CORNEȘTI-IARCURI, NW ROMANIA**

Gumnior, Maren - Stobbe, Astrid - Herbig, Christoph (Frankfurt University, Archaeological Sciences, Archaeobotany Laboratory)

**16:45 POLLEN AND MACROFOSSIL COMPOSITION IN GRAVE MOUNDS, CULTIVATION LAYERS AND SETTLEMENT STRUCTURES – A CASE STUDY FROM SOUTHWESTERN NORWAY**

Fredh, Erik Daniel - Mooney, Dawn Elise (University of Stavanger) - Lundberg, Ida (Umeå University) - Bell Gil, Theo (University of Stavanger)

**17:00 FORMATION OF ANTHROPOGENIC LANDSCAPES ON MID-VOLGA**

Ershova, Ekaterina (Moscow State University; Kazan Federal University) - Vyazov, Leonid (Kazan Federal University) - Ponomarenko, Elena (Ottawa University; Kazan Federal University) - Blinnikov, Mikhail (St. Cloud State University; Kazan Federal University) - Sitdikov, Ayrat (Kazan Federal University)

**17:15 DISCUSSION SLOT**

**17:30 AGRICULTURAL ACTIVITY INFERRED FROM POLLEN AND PLANT MACROFOSSIL ANALYSES OF ANCIENT FIELDS**

Jensen, Christin (University of Stavanger)

**17:45 POLLEN ANALYSES FROM SOIL PROFILES (TANANGER PENINSULA, JÆREN, NORWAY) – EVIDENCE FOR PLAGGEN CULTIVATION?**

Lechterbeck, Jutta (Arkeologisk Museum, Universitetet i Stavanger)

**18:00 DISCUSSION SLOT**

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**376 TRADE AND CIRCULATION OF ANIMALS AND PLANTS IN THE MEDITERRANEAN BASIN THROUGH TIME: NEW BIOARCHAEOLOGICAL INSIGHTS**

**ROOM:** UB222

**TIME:** 14:00 - 17:30

**THEME:** Mediterranean seascapes

**FORMAT:** Regular session

**ORGANISERS:** Colominas, Lúdia (Catalan Institute of Classical Archaeology) - Antolín, Ferran (Integrative Prehistory and Archaeological Science, University of Basel)

**14:00 TRADE AND CIRCULATION OF ANIMALS AND PLANTS IN THE MEDITERRANEAN BASIN THROUGH TIME: AN INTRODUCTION**

Colominas, Lúdia (Institut Català d'Arqueologia Clàssica) - Antolín, Ferran (Integrative Prehistory and Archaeological Science, University of Basel)

**14:15 ONE SEA BUT MANY ROUTES TO SAIL. THE DISPERSION OF CROPS IN THE EARLY NEOLITHIC ACROSS THE WESTERN MEDITERRANEAN REGION**

Antolin, Ferran (Integrative Prehistory and Archaeological Science, University of Basel) - Bouby, Laurent (University of Montpellier) - Jesus, Ana (Integrative Prehistory and Archaeological Science, University of Basel) - Martin, Lucie (University of Geneva/UMR 5204 EDYTEM, CNRS-University of Savoie-Mont-Blanc) - Martínez, Héctor (Departament de Prehistòria, Universitat Autònoma de Barcelona) - Rottoli, Mauro (Museo Civico di Como) - Sommières, Anne (University College Londond)

**14:30 ALWAYS ON THE WILD SIDE OF LIFE? FALLOW DEER ON MEDITERRANEAN ISLANDS**

Daujat, Julie (Department of Classics and Archaeology, University of Nottingham) - Hulme-Beaman, Arden (Department of Archaeology, Classics and Egyptology, University of Liverpool) - Valenzuela, Alex (Departament d'Història i Arqueologia, Universitat de Barcelona) - Evin, Allowen (UMR 5554, Institut des Sciences de l'Évolution, Université de Montpellier) - Sykes, Naomi (Department of Archaeology, University of Exeter)

**14:45 NEGOTIATING CROPS IN WESTERN EUROPE. ARCHAEOBOTANICAL PERSPECTIVES ON THE EXCHANGE ROUTES IN THE NEOLITHIC PERIOD**

Jesus, Ana - Antolín, Ferran (Integrative Prehistory and Archaeological Science, University of Basel) - Bouby, Laurent (University of Montpellier)

**15:00 ANIMAL TRADE IN THE WESTERN MEDITERRANEAN BETWEEN THE BRONZE AGE AND ROMAN TIMES BASED ON ZOOARCHAEOLOGY AND STRONTIUM ISOTOPE ANALYSES**

Valenzuela, Silvia - Nieto-Espinet, Ariadna (Consejo Superior de Investigaciones Científicas - IMF) - Trentacoste, Angela (University of Oxford) - Bosch, Delphine (UMR-CNRS 5243 - Univ. Montpellier II)

**15:15 HARD WHEAT AND THE RISE OF THE MEDITERRANEAN MARKET ECONOMY**

Heinrich, Frits (Groningen University)

**15:30 THE INTRODUCTION OF ANIMALS DURING THE ROMAN PERIOD IN TUNISIA**

Azaza, Mohamed (Universitat de Rovira i Virgili)

**15:45 "COWCAPACITY" COMBINING ENVIRONMENTAL AND ARCHAEOLOGICAL DATA TO REASSESS ROMAN ITALIAN ANIMAL CARRYING CAPACITIES IN A GIS MODEL**

Brusseel, Aaron (Vrije Universiteit Brussel)

**16:30 TRADE & BREED - THE RELATIONSHIP BETWEEN THE CATTLE TYPES AND THE CLAIMS OF THE MARKETS IN LATE MEDIEVAL HUNGARY**

Csippán, Péter (Eötvös Loránd University of Sciences, Institute of Archaeology)

## 382 COMMUNICATION UNEVEN: ACCEPTANCE OF AND RESISTANCE TO FOREIGN INFLUENCES IN THE CONNECTED ANCIENT MEDITERRANEAN

ROOM: UB206

TIME: 8:30 - 13:00

THEME: Mediterranean seascapes

FORMAT: Regular session

ORGANISERS: Vanzetti, Alessandro (Università di Roma "La Sapienza") - Driessen, Jan (Université catholique de Louvain)

### ABSTRACTS

#### 8:30 COMMUNICATION UNEVEN - AN INTRODUCTION TO THE TOPIC

Driessen, Jan (Université catholique de Louvain) - Vanzetti, Alessandro (University of Rome "La Sapienza")

#### 8:45 TRANSFORMING THE LANDSCAPE: EVIDENCE FOR INCREASING GLOBALISATION IN THE TREMITHOS VALLEY (SOUTH-EAST CYPRUS) DURING THE SECOND MILLENNIUM BC

Coenaerts, Jan - Samaes, Melissa - Nys, Karin (Vrije Universiteit Brussel; Maritime Cultures Archaeological Institute)

#### 9:00 MINOANISATION AND MYCENAEANISATION THROUGH THE MORTUARY LENS

Ichim, Cristina (University College London)

#### 9:15 URBANIZATION IN THE MYCENAEAN CULTURE: FOREIGN INFLUENCES OR INDIGENOUS DEVELOPMENT?

Zeman, Piotr (Adam Mickiewicz University in Poznan, Institute of Prehistory)

#### 9:30 ABDERA, A TRADE AND CULTURAL NEXUS BETWEEN THE AEGEAN SEA AND THE THRACIAN HINTERLAND

Georgiadis, Mercourios (Honorary Research Fellow at the University of Nottingham) - Garcia, Arnau (University of Cambridge) - Kefalidou, Eurydice (University of Athens) - Kallintzi, Constantina (Hellenic Ministry of Culture)

#### 9:45 ON THE BANKS OF THE TIBER: 'LOCAL' AND 'FOREIGN' AT OSTIA AND IN THE AGER PORTUENSIS IN THE REPUBLICAN TIMES

Manzini, Ilaria (University of Amsterdam) - Olcese, Gloria („Sapienza“ Università di Roma)

#### 10:00 DISCUSSION SLOT

**11:00 ACCEPTANCE AND RESISTANCE: A COMPARISON OF LATE NEOLITHIC AND BRONZE AGE MALTA**

Vella Gregory, Isabelle (University of Cambridge) - Vella, Nicholas (University of Malta)

**11:15 LATE BRONZE AGE RESISTANCE AND IRON AGE ACCEPTANCE OF MYCENAEAN INFLUENCES IN NORTHERN LEVANT: CHATAL HÖYÜK IN THE AMUQ (TURKEY)**

Pucci, Marina (Università degli studi di Firenze; Oriental Institute Chicago)

**11:30 POTS AND POLITICS? EXPRESSING STATUS USING THE EXTERNAL AND THE LOCAL IN A SHIFTING SOCIO-ECONOMIC ENVIRONMENT**

Hale, Christopher (O.P. Jindal Global University)

**11:45 SOUTHERN ITALY IN THE LBA MEDITERRANEAN NETWORK: ADOPTION AND RESISTANCE**

Vanzetti, Alessandro - Castagna, Maria Antonietta (University of Rome „La Sapienza“) - Di Renzoni, Andrea (National Research Center - CNR-ISMA) - Marino, Sara (University of Rome „La Sapienza“)

**12:00 JASON, HERACLES, JONAH, SOME KÉTÉ AND THE WINE RED SEA. INTERWOVEN ICONOGRAPHIES OF RESURRECTION IN THE IRON AGE MEDITERRANEAN**

Nebelsick, Louis D. (Cardinal Stefan Wyszyński University)

**12:15 A SHARED MEDITERRANEAN? SOME OBSERVATIONS ON AN ARCHAEOLOGY OF RESISTANCE**

Driessen, Jan (Université catholique de Louvain)

**12:30 DISCUSSION SLOT****388 EL ARGAR AND THE EUROPEAN BRONZE AGE – RISE AND FALL OF THE FIRST STATE SOCIETY IN THE WESTERN MEDITERRANEAN**

**ROOM:** UB208

**TIME:** 8:30 - 13:00

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Risch, Roberto (Autonomous University of Barcelona) - Haak, Wolfgang (Max Planck Institute for the Science of Human History, Jena) - Lull, Vicente (Autonomous University of Barcelona) - Micó, Rafael (Autonomous University of Barcelona) - Rihuete-Herrada, Cristina (Autonomous University of Barcelona)



- 8:30 STABLE ISOTOPES OF CHARRED SEEDS FROM EL ARGAR CULTURE: INTERPRETING PAST ENVIRONMENTAL AND AGRICULTURAL CONDITIONS**  
 Aguilera, Monica - Voltas, Jordi (University of Lleida) - Lull, Vicente - Rihuete, Cristina - Micó, Rafael - Risch, Roberto (Departament de Prehistòria, Edifici B, Universitat Autònoma de Barcelona)
- 8:45 PUNTA DE LOS GAVILANES: A SINGULAR ARGARIC BRONZE AGE SITE ON THE COASTLINE OF MAZARRÓN BAY (SOUTHEAST OF IBERIAN PENINSULA)**  
 Ros, Milagros (University of Murcia) - Morales, Arturo - Roselló, Eufasia (Autonomous University of Madrid) - Navarro, Francisca (University of Murcia) - Rodríguez, Tomás (Polytechnic University of Cartagena) - Carrión, José - Rivera, Diego (University of Murcia)
- 9:00 REPRESENTATION OF THE MAIN ANIMAL SPECIES IN AN ARGARIC SITE AND IMMEDIATE SURROUNDINGS IN SOUTH-EASTERN IBERIA: CARAMORO I (ELCHE, SPAIN)**  
 Jover Maestre, Francisco (Instituto Universitario de Investigación en Arqueología y Patrimonio Histórico. INAPH. University of Alicante) - Andúgar Martínez, Lourdes (Departamento de Prehistoria, Universitat Autònoma de Barcelona) - Martínez Monleón, Sergio (Departamento de Prehistoria, Arqueología, Historia Antigua, Filología Griega y Filología Latina, Universidad de Alicante) - López Padilla, Juan Antonio (Museo Arqueológico Provincial de Alicante)
- 9:15 DIET RECONSTRUCTION IN THE EL ARGAR CULTURE USING STABLE CARBON AND NITROGEN ISOTOPES**  
 Alt, Kurt Werner (Danube Private University Krems Austria) - Rihuete, Cristina (Departament de Prehistòria, Edifici B, Universitat Autònoma de Barcelona) - Held, Petra (Department of Biomedical Engineering and Institute for Prehistory and Archaeological Science, Basel University) - Lull, Vicente - Micó, Rafael - Risch, Roberto (Departament de Prehistòria, Edifici B, Universitat Autònoma de Barcelona) - Voltas, Jordi (Departament de Producció Vegetal i Ciència Forestal, Universitat de Lleida) - Fregiero, Marie-Inés - Oliart, Camila (ASOME - Universitat Autònoma de Barcelona) - Knipper, Corina (Curt-Engelhorn-Center of Archaeometry, Mannheim)
- 9:30 ROCK SUPPLYING STRATEGIES IN EL ARGAR: AN ECONOMIC PERSPECTIVE**  
 Risch, Roberto - Delgado-Raack, Selina - Ache, Mireia (Universitat Autònoma de Barcelona)
- 9:45 PREHISTORIC MINING AND METALLURGY IN THE COSTAL REGIONS OF SE IBERIA DURING HE 3RD AND 2ND MILLENNIA BCE**  
 Escanilla, Nicolau (Universitat Autònoma de Barcelona - ASOME) - Micó, Rafael (Universitat Autònoma de Barcelona) - Pernicka, Ernst (University of Heidelberg) - Risch, Roberto (University Autònoma de Barcelona)
- 10:00 MINING AND METALLURGY IN THE ALTO GUADALQUIVIR ARGARIC TERRITORY. BASIS FOR A REGIONAL-SCALE PRODUCTION**  
 Moreno-Onorato, Auxilio - Contreras-Cortés, Francisco - Arboledas-Martínez, Luis - Alarcón-García, Eva - García-García, Alejandra - Mora-González, Adrián (Department of Prehistory and Archaeology. University of Granada) - Padilla-Fernández, Juan Jesús (Department

of Prehistory. University Complutense of Madrid) - Vico-Triguero, Laura (Department of Prehistory and Archaeology. University of Granada)

**10:15 DISCUSSION SLOT**

**11:00 EL ARGAR POTTERY: PRODUCTION, USE AND CIRCULATION. NEW DATA FROM AN INTERDISCIPLINARY APPROACH**

Micó, Rafael - Garrido, Carla - Molina, Elena - Velasco, Carlos (Universitat Autònoma de Barcelona) - Rosell, Antoni (Universitat Autònoma de Barcelona - Institute of Environmental Science and Technologies - ICTA; ICREA)

**11:15 MEAT OFFERINGS IN ARGARIC BURIALS (SOUTH-EAST SPAIN, 2200-1550 CAL BCE)**

Lull, Vicente - Andúgar, Lourdes - Bonora, Bárbara - Micó, Rafael (Universitat Autònoma de Barcelona)

**11:30 NEW DATA ON SKELETAL REMAINS AND THE ROLE OF VIOLENCE IN EL ARGAR**

Rihuete-Herrada, Cristina (Universitat Autònoma de Barcelona) - Oliart-Caravatti, Camila - Fregeiro-Morador, M<sup>a</sup> Inés (ASOME - Universitat Autònoma de Barcelona)

**11:45 ARGARIC ARCHITECTURE AND URBANISM IN THE LIGHT OF RECENT DISCOVERIES**

Lull, Vicente - Celdrán, Eva - Micó, Rafael (Universitat Autònoma de Barcelona)

**12:00 LIFE DOES NOT WAIT AT THE BORDER. NEW ARCHAEOLOGICAL BASES FOR THE ORIGIN OF EL ARGAR FROM A FRONTIER TERRITORY**

Jover Maestre, Francisco (University of Alicante) - López Padilla, Juan Antonio (Museo Arqueológico Provincial de Alicante. MARQ)

**12:15 THE GENETIC HISTORY OF EL ARGAR AND CONTEMPORANEOUS GROUPS OF THE SOUTHERN IBERIAN PENINSULA**

Haak, Wolfgang (Max-Planck-Institute for the Science of Human History)

**12:30 THE POLITICAL ORGANISATION OF EL ARGAR SOCIETY**

Rihuete-Herrada, Cristina - Lull, Vicente - Micó, Rafael - Risch, Roberto (Universitat Autònoma de Barcelona)

**12:45 DISCUSSION SLOT**

## 392 THE “ISLAND LABORATORY” REVISITED: INTEGRATING ENVIRONMENTAL AND SOCIO-CULTURAL APPROACHES

**ROOM:** UB211

**TIME:** 8:30 - 18:00

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Picornell-Gelabert, Llorenc (ArqueoUIB Research Group, University of the Balearic Islands) - Calvo Trias, Manuel (ArqueoUIB Research Group, University of the Balearic Islands) - Dawson, Helen (Excellence Cluster Topoi; Freie Universitaet Berlin) - Servera-Vives, Gabriel (ArqueoUIB Research Group, University of the Balearic Islands) - Valenzuela Oliver, Alejandro (Equip de Recerca Arqueològica i Arqueomètrica, Universitat de Barcelona)

### ABSTRACTS

#### 8:30 HIPPOS AND FARMERS - PRE AND EARLY NEOLITHIC ISLAND VOYAGERS IN THE MEDITERRANEAN AND A REASSESSMENT OF THE “ISLAND LABORATORY”

Simmons, Alan (Universities of Nevada, Las Vegas and Reno)

#### 8:45 RE-THINKING MINOAN RESOURCE MANAGEMENT: PALAIKASTRO, CRETE, IN CONTEXT

Livarda, Alexandra (Department of Classics and Archaeology, University of Nottingham) - Orengo, Hector Aleix (McDonald Institute for Archaeological Research, University of Cambridge) - Riera Mora, Santiago (Department of History and Archaeology, Seminar of Prehistoric Studies and Research, University of Barcelona) - Cañellas-Boltà, Nuria (Institute of Earth Sciences Jaume Almera - ICTJA-CSIC, Barcelona) - Veropoulidou, Rena (Museum of Byzantine Culture, Hellenic Ministry of Culture and Sports) - Tzevelekidi, Vasiliki (Ephorate of Antiquities of West Attica, Piraeus and Islands, Hellenic Ministry of Culture and Sports) - Picornell-Gelabert, Llorenç (ArqueoUIB Research Team, University of the Balearic Islands) - Tsoraki, Christina (McDonald Institute for Archaeological Research, University of Cambridge) - Marlasca Martín, Ricard (Posidonia S.L) - Knappett, Carl (Department of the History of Art/ Graduate Department of Art, University of Toronto)

#### 9:00 HUMAN-ENVIRONMENTAL INTERACTIONS, PALEOGEOGRAPHY, AND BIODIVERSITY ON CALIFORNIA'S SMALL ISLANDS

Rick, Torben (Smithsonian Institution) - Braje, Todd (California Academy of Sciences) - Reeder-Myers, Leslie (Temple University)

#### 9:15 RECOVERING OLD ROUTES. SHEEP MOBILITY ON THE BALEARIC ISLANDS DURING THE MIDDLE AND LATE BRONZE AGE (CA. 1500-850 BC)

Valenzuela-Suau, Lua (University of Balearic Islands) - Valenzuela-Lamas, Sílvia (Consejo Superior de Investigaciones Científicas-Institució Milà i Fontanals - CSIC-IMF)

#### 9:30 SEEKING OUT THE ISLAND-ADAPTED BARLEY OF SCOTLAND'S NORTHERN AND WESTERN ISLES

Wallace, Michael (University of Sheffield, Department of Archaeology) - Martin, Peter (University of the Highlands and Islands, Orkney College) - Russell, Joanne (The James

Hutton Institute) - Timpany, Scott (University of the Highlands and Islands, Orkney College) - Bonhomme, Vincent (Institut des Sciences de l'Evolution-Montpellier) - Stillman, Eleanor (University of Sheffield, School of Mathematics and Statistics)

**9:45 THE ROLE OF THE PEDESTAL VESSELS IN DISPLAYING INSULAR IDENTITIES AMONG BRONZE AGE COMMUNITIES IN THE CENTRAL MEDITERRANEAN**

Magri, Alessandra (University of Bologna)

**10:00 DISCUSSION SLOT**

**11:00 SMALL-SCALE AND LARGE-SCALE SOCIAL CONNECTIONS IN THE PRE-COLUMBIAN CARIBBEAN. ENVIRONMENTAL AND CULTURAL LANDSCAPE ANALYSES IN THE EAST-GUADELOUPE MICRO-REGION**

de Waal, Maaïke (Faculty of Archaeology, Leiden University)

**11:15 IS NEW GUINEA THE WORLD'S BIGGEST "ISLAND LABORATORY"?**

Golitzko, Mark (University of Notre Dame)

**11:30 METALLIC ENCOUNTERS IN THE PYTIUSIC ISLANDS. LOCAL AND REGIONAL DYNAMICS IN THE 'GLOBAL' BRONZE AGE**

Sureda, Pau (Instituto de Ciencias del Patrimonio - Incipit-CSIC; McDonald Institute for Archaeological Research, Cambridge University)

**11:45 ALIENS: ARCHAEOLOGY OF INVASIVE SPECIES**

Hofman, Courtney (University of Oklahoma) - Rick, Torben (Smithsonian Institution) - Hughes, Karissa (University of Oklahoma)

**12:00 OBJECTS FOR AN ISLAND WORLD - THE ROLE OF FELSITE IN NEOLITHIC SHETLAND**

Megarry, William (Queens University Belfast) - Cooney, Gabriel (University College Dublin)

**12:15 EARLY MALTESE CERAMICS: THE SCIENCE OF CONNECTIVITY**

Brogan, Catriona - Malone, Caroline (Queens University Belfast)

**12:30 DISCUSSION SLOT**

**14:00 THE CRISIS EFFECT: RISE OF POLITICAL COMPLEXITY ON THE LATE IRON AGE (AD 550 - 1050) ÅLAND ISLANDS**

Ilves, Kristin (University of Bergen)

**14:15 REVISITING COASTAL SAND MOVEMENT IN PREHISTORIC SCOTTISH ISLANDS**

Gal, Emily (University of St Andrews)

**14:30 NETWORKING AS A STRATEGY FOR HUNTER-GATHERER RESILIENCE IN THE KURIL ISLANDS, NORTHEAST ASIA**

Gjesfjeld, Erik (University of Cambridge)

**14:45 AN ISLAND'S SOCIETY AND NATURE: A MILLENNIA OF LANDOWNERSHIP, LAND-USE AND ENVIRONMENTAL CHANGE IN ICELAND**

Erlendsson, Egill - Riddell, Scott John - Sigurmundsson, Friðþór Sófus - Gísladóttir, Guðrún (University of Iceland)

**15:00 NOT ONLY LAND FOR FARMERS: INTEGRATING ENVIRONMENTAL AND SOCIAL-CULTURAL APPROACHES AT THE LATE PPNA SITE OF AYIA VARVARA ASPROKREMNOS, CYPRUS**

McCartney, Carole (University of Cyprus)

**15:15 LAND-USE HISTORY IN AN AFRICAN SMALL ISLAND: THE PALEOENVIRONMENTAL AND ARCHAEOLOGICAL RECORD OF MANDJI (EQUATORIAL GUINEA)**

Ferro-Vázquez, Cruz (Department of Archaeology, University of York) - Picornell-Gelabert, Llorenç (ArqueoUIB Research Team, University of the Balearic Islands) - González-Ruibal, Alfredo (Instituto de Ciencias del Patrimonio. Consejo Superior de Investigaciones Científicas)

**15:30 METAPHOR & THEORY IN ISLAND ARCHAEOLOGY**

Terrell, John (Field Museum of Natural History)

**15:45 DISCUSSION SLOT**

**16:30 POSTERS**

**17:15 DISCUSSION SLOT**

**POSTERS**

- a. **ESTABLISHING AN ISLAND ECONOMY: CULTIVATION PRACTICES IN EARLY ICELAND**  
Mooney, Dawn Elise (Archaeological Museum, University of Stavanger)
- b. **BURIAL PRACTICES DURING THE NAVIFORM PERIOD (BRONZE AGE) BASED ON THE ARCHAEOLOGICAL RECORD OF COVA DEL CAMP DEL BISBE (MALLORCA)**  
Palomar Puebla, Beatriz (Independent researcher) - Valenzuela-Suau, Lua (ArqueoUIB Research Group. University of Balearic Islands) - Cardona López, Francisca (Independent researcher) - Escanilla Artigas, Nicolau (Independent researcher) - Ferré Alemany, Marc (Independent researcher) - Oliver Servera, Llorenç (ArqueoUIB Research Group. University of Balearic Islands)
- c. **“LA COVA DEL CAMP DEL BISBE” (SENCELLES, MALLORCA), NEW CONTRIBUTIONS TO THE ECONOMIC STRATEGIES OF THE NAVIFORM PERIOD**  
Berrocal Barber, Anna (Prehistory Department, Universitat Autònoma de Barcelona) - Palomar, Beatriz (Independent researcher) - Valenzuela, Lua (ArqueoUIB Reserch Group, Universitat de les Illes Balears)
- d. **CONNECTIVITY NETWORKS OF RAW MATERIALS AND ARTIFACTS FROM THE ARCHAEOLOGICAL RECORD OF COVA DEL CAMP DEL BISBE (SENCELLES, MALLORCA)**  
Valenzuela-Suau, Lua (University of the Balearic Islands) - Escanilla-Artigas, Nicolau (Independent researcher) - Palomar-Puebla, Beatriz (Independent researcher)
- e. **USE OF PLANT RESOURCES DURING THE FIRST SETTLEMENT OF FORMENTERA: ARCHAEOBOTANICAL DATA OF THE COVA DES FUM**  
Carrión Marco, Yolanda (Universitat de València) - Pérez Jordà, Guillem (GI Arqueobiología, Instituto de Historia - CCHS-CSIC) - Marlasca, Ricard (Independent researcher)

- f. LOCAL FLORA FOR FIREWOOD. CHARCOAL ANALYSIS IN COVA DES RIUETS (FORMENTERA, SPAIN)**  
Badal, Ernestina (Universitat de València. Departament de Prehistòria, Arqueologia i Història Antiga) - Marlasca, Ricard (POSIDONIA SL.)
- g. APPROACHING FUNCTION AND USE OF MINOAN (BRONZE AGE CRETE) UTILITARIAN VESSELS. AN INTERDISCIPLINARY STUDY**  
Tsafou, Evgenia (Aegis-INCAL, UCLouvain)
- h. COLONIZING CAYO HUESO: USING MOLLUSC PALEOENVIRONMENTAL DATA TO ILLUSTRATE SMALL-ISLAND HABITATION**  
Harke, Ryan (University of South Florida)

## 400 THE FUTURE OF ROCK ART – DOCUMENTATION, RESEARCH, AND OUTREACH

**ROOM:** CCCB12A

**TIME:** 8:30 - 13:00

**THEME:** Archaeology and the European Year of Cultural Heritage

**FORMAT:** Regular session

**ORGANISERS:** Horn, Christian (Gothenburg University) - Díaz-Guardamino, Marta (Cardiff University) - Koch, John T. (University of Wales) - Bertilsson, Ulf (Gothenburg University; Swedish Rock Art Research Archive) - Ling, Johan (Gothenburg University; Swedish Rock Art Research Archive)

### ABSTRACTS

- 8:30 ROCK ART BIOGRAPHIES: THE CONTRIBUTION OF DIGITAL IMAGING TECHNOLOGIES**  
Díaz-Guardamino Uribe, Marta (Cardiff University)
- 8:45 THE FUTURE OF ROCK ART — INTERSECTIONS WITH HISTORICAL LINGUISTICS**  
Koch, John (University of Wales)
- 9:00 MODELS, REASONING AND ENGAGEMENT - ON THE MEDIATION BETWEEN THEORY AND PRACTICE IN IBERIAN ROCK ART STUDIES.**  
Alves, Lara (CEAACP - University of Coimbra)
- 9:15 DISCUSSION SLOT**
- 9:30 PETROGLYPHS OF KARELIA AS A PART OF THE WORLD CULTURAL HERITAGE: PROBLEMS OF STUDY, PRESERVATION AND PRESENTATION**  
Lobanova, Nadezhda (Karelian Research Centre Russian Academy of Sciences)
- 9:45 TO THE ISSUE OF DOCUMENTING THE WALL PAINTINGS IN KAPOVA CAVE (A STUDY OF THE CHAMBER OF SIGNS)**  
Anisovets, Julia - Zhitenev, Vladislav (Lomonosov Moscow State University)

**10:00 AN ATTACHMENT HOW TO THE SAFE FUTURE OF ROCK ART**

Dusko, Aleksovski (World Academy of Rock Art)

**10:15 DISCUSSION SLOT****11:00 DEEP LEARNING AND ROCK ART**

Ling, Johan (SHFA)

**11:15 BEYOND THE 3D MODEL. TECHNICAL IMPROVEMENTS ON THE APPLICATION OF VISUALISATION ANALYSES FOR ROCK ART RESEARCH**

Vázquez-Martínez, Alia - Carrero-Pazos, Miguel (GEPN-AAT. University of Santiago de Compostela) - Vilas-Estévez, Benito (University of Vigo)

**11:30 DIGITIZATION, PUBLICATION AND COMPUTATIONAL DATA ANALYSIS WITH INDONESIAN ROCK PAINTINGS**

Grasshoff, Gerd (Humboldt-Universität zu Berlin)

**11:45 DIGITAL FROTTAGE – CREATING GRAPHIC REPRESENTATION FROM PHOTOGRAMMETRY**

Horn, Christian - Potter, Rich (Gothenburg University) - Pitman, Derek (Bournemouth University)

**12:00 THE ROCK ART RESEARCHER: AN ENDANGERED SPECIES?**

Dodd, James (Aarhus University)

**12:15 DISCUSSION SLOT****409 HOW TO BEAT THE BARBARIANS? ROMAN PRACTICE TO ENCOUNTER NEW THREATS (1ST-5TH CENTURY AD)**

**ROOM:** UB302

**TIME:** 8:30 - 12:30

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Rubel, Alexander (Institute of Archaeology Iasi, Romanian Academy) - Voß, Hans-Ulrich (Römisch-Germanische Kommission des Deutschen Archäologischen Instituts)

**ABSTRACTS****8:30 INTRODUCTION: BEYOND THE FRINGES OF EMPIRE: NEW APPROACHES CONCERNING ROMAN INFLUENCE AND POWER IN THE BARBARICUM**

Rubel, Alexander (Institute of Archaeology, Iasi) - Voß, Hans-Ulrich (Römisch Germanische Kommission des DAI)

**8:45 RIVERINE SOCIETIES OF THE EXTREME PART OF THE LOWER DANUBE: BARBARIAN INVASIONS AND ARCHAEOLOGICAL EVIDENCES**

Alexianu, Marius-Tiberiu (Alexandru Ioan Cuza University of Iasi)

**9:00 MEDITERRANEANISM BETWEEN COMMERCE, GIFT AND PLUNDER. THE ELITES FROM THE DACIAN POWER CENTRE FROM CRAIVA – PIATRA CRAIVII (TRANSYLVANIA, ROMANIA)**

Plantos, Cristinel (Arheosib Consulting SRL)

**9:15 BARBARIANS OF THE NORTH – MEN OF THE WORLD OR ROME’S HILLBILLY ALLIES?**

Jensen, Xenia (Moesgaard Museum)

**9:30 HOW ‘TO BEAT’ THE BARBARIANS WITH BEADS AND COINS? THE CASE OF THE SARMATIANS LIVING WEST OF ROMAN DACIA**

Grumeza, Lavinia (Institute of Archaeology, Iasi)

**9:45 THE TOWN OF (L)IBIDA (SCYTHIA MINOR) IN THE CONTEXT OF A NEW DEFENSE STRATEGY OF THE EMPIRE IN LATE ANTIQUITY**

Rubel, Alexander (Institute of Archaeology, Iasi)

**10:00 THE LIMES TRADE AND THE ROMAN ARMY**

Suharoschi, Dan-Alexandru - Dumitrache, Iulia - Curcă, Roxana-Gabriela (Institute of Archaeology Iasi, Romanian Academy)

**10:15 DISCUSSION SLOT**

**11:00 ROMAN SILVER BEYOND THE LIMES. ON THE CHRONOLOGY OF ROMAN IMPERIAL COIN HOARDS DISCOVERED IN THE EASTERN CARPATHIAN BARBARICUM**

Munteanu, Lucian - Honcu, Ștefan (Romanian Academy Iasi branch, Institute of Archaeology)

**11:15 MARS AT THE RIVER UECKER IN WESTERN POMERANIA – A FURTHER INDICATION TO ROMAN “DIVIDE ET IMPERA”-POLICY IN GERMANIA?**

Voss, Hans-Ulrich (RGK - Romano-Germanic Commission DAI) - Schmidt, Jens-Peter (Landesamt für Kultur und Denkmalpflege Mecklenburg-Vorpommern, Schwerin)

**11:30 DEFEATING THE DACIANS IN THEIR OWN MOUNTAINS. CONSIDERATIONS REGARDING THE ROMAN TEMPORARY CASTRA FROM THE SOUTHERN CARPATHIANS.**

Berzovan, Alexandru (Romanian Academy, Iasi Institute of Archaeology)

**11:45 DISCUSSION SLOT**



## 413 RE-THINKING MEDIEVAL AND EARLY MODERN PESTILENCES FROM A BIOSOCIAL PERSPECTIVE: ADVANCED METHODS AND RENEWED CONCEPTS IN ARCHAEOLOGICAL SCIENCES

ROOM: UB221

TIME: 14:00 - 18:00

THEME: Theories and methods in archaeological sciences

FORMAT: Regular session

ORGANISERS: Castex, Dominique (CNRS) - Guillon, Mark (INRAP) - Keller, Marcel (Max Planck Institute Jena) - Kacki, Sacha (University of Durham)



### ABSTRACTS

#### 14:00 ARCHAEOLOGICAL EVIDENCE OF MEDIEVAL AND EARLY MODERN PESTILENCES: WHERE ARE WE NOW?

Castex, Dominique (CNRS PACEA, Université de Bordeaux) - Guillon, Mark (CNRS PACEA, Université de Bordeaux; Institut national de recherches archéologiques préventives) - Kacki, Sacha (CNRS PACEA, Université de Bordeaux; Department of Archaeology, Durham University)

#### 14:15 TRACES OF MEDIEVAL EPIDEMICS OF PLAGUE, TUBERCULOSIS AND LEPROSY IN CENTRAL RUSSIA

Vasileva, Elena - Tarasova, Anna - Engovatova, Asya (Institute of Archaeology Russian Academy of Sciences) - Matsvay, Alina - Alborova, Irina - Pimkina, Ekaterina - Khafizov, Kamil - Mustafin, Kharis (Historical genetics laboratory of Moscow Institute of Physics and Technology)

#### 14:30 BIOARCHAEOLOGY OF CARE FOR LEPERS IN THE MIDDLE AGES

Guillon, Mark (Institut National de recherches en Archéologie Préventive)

#### 14:45 OSTEOLOGICAL AND STABLE ISOTOPIC ANALYSIS OF THE INDIVIDUALS FROM THE 12TH CENTURY UNEARTHED IN THE HOSPITAL OF SANT LLITZER, BARCELONA

Montes, Núria (Grup de Recerca Aplicada al Patrimoni Cultural - GRAPAC. Unitat d'Antropologia Biològica; Departament de Biologia Animal, Biologia Vegetal i Ecologia; Universitat Autònoma de Barcelona) - Jáuregui, Clara (Independent researcher) - Dinarès, Rosa (Hospital Universitari General de Catalunya) - Subirà, Maria Eulàlia (Grup de Recerca Aplicada al Patrimoni Cultural - GRAPAC. Unitat d'Antropologia Biològica; Departament de Biologia Animal, Biologia Vegetal i Ecologia; Universitat Autònoma de Barcelona)

#### 15:00 MAPPING MEDIEVAL MALARIA. NEW WAYS OF STUDYING A NEGLECTED DISEASE IN THE NETHERLANDS

Schats, Rachel (Leiden University)

#### 15:15 DEFINING EPIDEMIOLOGICAL CHARACTERISTICS BY STUDYING THE PALAEODEMOGRAPHY OF THREE MULTIPLE BURIALS FROM STANS, SWITZERLAND

Somers, Joke (Department of Physical Anthropology, Institute of Forensic Medicine, University of Bern) - Alterauge, Amelie (Department of Physical Anthropology, Institute of

Forensic Medicine, University of Bern) - Fetz, Hermann (Archaeological Service of the Canton Luzern and Nidwalden) - Keller, Marcel (Max Planck Institute for the Science of Human History, Jena) - Lösch, Sandra (Department of Physical Anthropology, Institute of Forensic Medicine, University of Bern)

**15:30 PLAGUE AND PESTILENCE IN MEDIEVAL DENMARK: GENOME SEQUENCING OF HISTORICAL YERSINIA PESTIS**

Eaton, Katherine (McMaster University) - Gamble, Julia (University of Toronto) - Boldsen, Jesper (University of Southern Denmark, ADBOU) - Poinar, Hendrik (McMaster University)

**15:45 DISCUSSION SLOT**

**16:30 YERSINIA PESTIS GENOMES RECOVERED FROM 14TH TO 17TH CENTURY PLAGUE BURIALS ELUCIDATE THE INITIATION AND PERSISTENCE OF THE SECOND PANDEMIC**

Keller, Marcel (Max Planck Institute for the Science of Human History, Jena; SNSB, State Collection for Anthropology and Palaeoanatomy, Munich) - Spyrou, Maria A. (Max Planck Institute for the Science of Human History, Jena) - Tukhbatova, Rezeda I. (Max Planck Institute for the Science of Human History, Jena; Center of Excellence „Archaeometry“, Kazan Federal University) - Walker, Don (MOLA - Museum of London Archaeology) - Castex, Dominique (PACEA, CNRS Institute, Université de Bordeaux) - Lösch, Sandra (Institute for Forensic Medicine, University of Bern) - Harbeck, Michaela (SNSB, State Collection for Anthropology and Palaeoanatomy, Munich) - Herbig, Alexander - Bos, Kirsten I. - Krause, Johannes (Max Planck Institute for the Science of Human History, Jena)

**16:45 ANIMALS AND THE BLACK DEATH: A CRISIS AND ITS CONSEQUENCES ON HUMAN-ANIMAL RELATIONSHIP**

Paxinos, Ptolemaios (Ludwig-Maximilians-Universität München)

**17:00 THE SOCIAL ARCHAEOLOGY OF THE BLACK DEATH: BEYOND THE PLAGUE PITS**

Inskip, Sarah - Robb, John (University of Cambridge)

**17:15 DISCUSSION SLOT**

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**426 QUERNS AND MILLS IN MEDITERRANEAN ANTIQUITY: TRADITION AND INNOVATION DURING THE FIRST MILLENNIUM BC**

**ROOM:** UB219

**TIME:** 14:00 - 18:30

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Alonso, Natàlia (University of Lleida) - Jaccottey, Luc (INRAP Grand Est Sud, Besançon) - Anderson, Timothy J. (LARHRA, UMR 5190, Grenoble)

- 14:00 GEOCHEMICAL PROVENANCE ANALYSES OF VOLCANIC ROCK QUERNS AND MILLSTONES IN THE MEDITERRANEAN: APPROACHES, POSSIBILITIES AND LIMITS**  
 Gluhak, Tatjana (Römisch-Germanisches Zentralmuseum) - Schwall, Christoph (Österreichische Akademie der Wissenschaften)
- 14:15 HOPPER-RUBBER MILLS IN THE EASTERN MEDITERRANEAN AND ITS HISTORICAL IMPLICATIONS**  
 Hasegawa, Shuichi (Rikkyo University)
- 14:30 THE HISTORY OF MILLSTONES IN IRON AGE ISRAEL AND SOME TECHNICAL, FUNCTIONAL, SOCIAL AND CULTURAL ASPECTS**  
 Eitam, David (Independent researcher)
- 14:45 DISCUSSION SLOT**
- 15:00 PROVENANCE AND FUNCTION OF MILLSTONES IN THORIKOS, ATTICA**  
 Duchene, Sophie (Ghent University)
- 15:15 TECHNICAL INNOVATION IN MILLING TECHNOLOGY IN MEGARA HYBLAEA (SICILY)**  
 Chaigneau, Chloé (Université Paris 1 Panthéon-Sorbonne / UMR 7041 - ArScAn)
- 15:30 THE QUERNS OF THE GREEK COLONY OF OLBIA AT HYÈRE (VAR, FRANCE)**  
 Jaccottey, Luc (Inrap Grand Est Sud; UMR 3249 laboratoire chronoenvironnement) - Cousseran-Néré, Sylvie (Inrap Auvergne Rhône-Alpes; UMR 8215, Trajectoires)
- 15:45 DISCUSSION SLOT**
- 16:30 QUERNS AND ROTARY QUERNS IN THE TRADING CENTRE OF LA FONT DE LA CANYA, BARCELONA, CATALONIA, SPAIN (7TH-3RD CENTURIES BC)**  
 Alonso, Natàlia (University of Lleida) - Sablev, Kamen (ArqueoVitis SCCL) - Jaccottey, Luc (Inrap Grand Est Sud; UMR 6249, CNRS) - López, Daniel (ArqueoVitis SCCL)
- 16:45 SADDLE QUERNS FROM THE 5TH CENTURY BC IN SOUTH-EAST IBERIA**  
 Vives-Ferrandiz, Jaime (SIP-Museu de Prehistòria de València) - Pérez Jordà, Guillem (Instituto de Historia, CCHS-CSIC) - Ferrer García, Carlos - Tortajada Comeche, Guillermo (SIP-Museu de Prehistòria de València)
- 17:00 CHANGES IN MILLING TECHNOLOGY IN CENTRAL EUROPE FROM FIFTH TO FIRST MILLENNIUM BC: TRANSPORTATION COSTS AS A DRIVING FORCE**  
 Gundelach, Marthe (University of Cologne)
- 17:15 DISCUSSION SLOT**
- 17:30 MILLSTONE PRODUCTION IN THE QUARRY AT FONTE DA RIBEIRA IN THE TERRITORIUM METALLORUM TRESMINAS / JALES (DISTR. VILA REAL, P)**  
 Wahl-Clerici, Regula (Universität Frankfurt am Main)

**17:45 GRINDING AT HOME. TRADITIONS AND CHANGES IN THE WESTERN CATABRIAN AREA**

Ruano Posada, Lucía (Universidad Autónoma de Madrid)

**18:00 DISCUSSION SLOT**

**POSTERS**

**a. A UNIFIED DATABASE FOR HOPPER-RUBBER MILLS**

Chaigneau, Chloé (Université Paris 1 Panthéon-Sorbonne / UMR 7041 - ArScAn) - Cousseran-Néré, Sylvie (Inrap ARA, Centre archéologique de Valence - UMR 8215 Trajectoires) - Jaccottey, Luc (Inrap Bourgogne Franche-Comté, UMR 6249, laboratoire chrono-environnement, Besançon) - Nodin, Sabine (-)

**b. A GREEK TYPE OF UPPER STONE QUERN AT CORNEILHAN (HÉRAULT, FRANCE)**

Jaccottey, Luc (Inrap Grand Est Sud; UMR 6249, laboratoire chronoenvironnement) - Gluhak, Tatjana M. (Römisch-Germanisches Zentralmuseum Mainz) - Ranche, Christophe (Inrap Méditerranée; UMR TRACES, 5608 RHAdAMANTE)

**438 NOT ONLY USE: APPLICATION OF FUNCTIONAL METHODS FOR A BETTER COMPREHENSION OF OPERATIVE CHAINS**

**ROOM:** UB311

**TIME:** 8:30 - 15:00

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Regular session

**ORGANISERS:** Fernández Marchena, Juan Luis (SERP, Seminari d'Estudis i Recerques Prehistòriques. Secció de Prehistòria i Arqueologia, Facultat de Geografia i Història, Universitat de Barcelona) - Asryan, Lena (Artsakh State University) - Pedernana, Antonella (Laboratory for Traceology and Controlled Experiments - TraCEr, MONREPOS Archaeological Research Centre and Museum for Human Behavioural Evolution) - Ollé, Andreu (IPHES, Institut Català de Paleoeologia Humana i Evolució Social; Àrea de Prehistòria, Universitat Rovira i Virgili, Fac. de Lletres)

**ABSTRACTS**

**8:30 CLEANING STONE TOOL SURFACES PRIOR TO MICROSCOPIC SCANNING: TOWARD AN EXPERIMENTALLY TESTED PROTOCOL**

Pedernana, Antonella - Gneisinger, Walter - Calandra, Ivan (TraCEr, MONREPOS Archaeological Research Centre and Museum for Human Behavioural Evolution, Neuwied) - Paixão, Eduardo (TraCEr, MONREPOS Archaeological Research Centre and Museum for Human Behavioural Evolution, Neuwied, Germany; ICArEHB - Interdisciplinary Center for Archaeology and Evolution of Human Behaviour. University of Algarve) - Schunk, Lisa - Marreiros, João (TraCEr, MONREPOS Archaeological Research Centre and Museum for Human Behavioural Evolution, Neuwied)

**8:45 THE MULTI-ANALYTICAL CONTEXTUAL APPROACH. AN EXAMPLE OF A SYSTEMATIC CHARACTERIZATION OF FRESH RESIDUES ON EXPERIMENTAL FLINT TOOLS**

Martin-Viveros, Juan Ignacio (Àrea de Prehistòria, Universitat Rovira i Virgili, Facultat de Letres; IPHES, Institut Català de Paleoeologia Humana i Evolució Social) - Ollé, Andreu (IPHES, Institut Català de Paleoeologia Humana i Evolució Social; Àrea de Prehistòria, Universitat Rovira i Virgili, Facultat de Letres)

**9:00 LITHIC TOOLS FROM NAHAL HEMAR CAVE: RESIDUE AND USE-WEAR ANALYSES AT A RITUAL SITE**

Ibáñez, Juan (Spanish National Research Council - CSIC) - Estalayo, Estefanía - Aramendía, Julene - Madariaga, Juan Manuel (University of the Basque Country) - Borrell, Ferran - Mozota, Millán (CSIC) - Bar-Yosef, Ofer (Harvard University)

**9:15 ABOUT THE COPPER AGE CERAMIC LAMP FROM ZGORNJE RADVANJE AND SIMILAR FINDS IN THE CENTRAL AND SOUTHEASTERN EUROPE**

Kramberger, Bine (Institute for the Protection of Cultural Heritage of Slovenia)

**9:30 MORE THAN VESSELS. MANUFACTURE AND USE OF GRAVE GOODS FROM FUNERARY CONTEXTS IN THE ARGARIC SETTLEMENT OF PEÑALOSA (JAÉN)**

García-García, Alejandra - Vico-Triguero, Laura - Alarcón-García, Eva (Department of Prehistory and Archaeology. University of Granada) - Cantarero-Malagón, Antonio Samuel (Department Analytical Chemistry. University of Granada) - Mora-González, Adrián (Department of Prehistory and Archaeology. University of Granada) - Padilla-Fernández, Juan Jesús (Department of Prehistory. University Complutense of Madrid) - Moreno-Onorato, Auxilio (Department of Prehistory and Archaeology. University of Granada) - Martín-Peinado, Francisco (Department of Edaphology and Agricultural Chemistry, University of Granada) - Manzano-Moreno, Eloísa (Department Analytical Chemistry. University of Granada) - Contreras-Cortés, Francisco (Department of Prehistory and Archaeology. University of Granada)

**9:45 SURFACE TREATMENTS IN NEOLITHIC POTTERY IN NORTHEASTERN OF IBERIAN PENINSULA: AN EXPERIMENTAL APPROACH**

Díaz-Bonilla, Sara (Universitat Autònoma de Barcelona - CSIC-IMF) - Clop-García, Xavier - Gassiot-Ballbè, Ermengol (Universitat Autònoma de Barcelona) - Clemente-Conte, Ignacio Jesús (IMF-CSIC)

**10:00 DISCUSSION SLOT**

**11:00 COMBINED MICROSCOPIC TECHNIQUES FOR THE STUDY OF BONE, ANTLER AND TEETH SMALL FINDS. AN EXAMPLE FROM POLAND**

Winnicka, Kinga (Institute of Archaeology, University of Wrocław)

**11:15 KNAPPED BONES USED AS TOOLS: RESOLVING EQUIFINALITY THROUGH AN EXPERIMENTAL APPROACH**

Mateo Lomba, Paula (IPHES, Institut Català de Paleoeologia Humana i Evolució Social) - Ollé, Andreu (IPHES, Institut Català de Paleoeologia Humana i Evolució Social; Àrea de Prehistòria, Universitat Rovira i Virgili - URV) - Cáceres, Isabel (Àrea de Prehistòria, Universitat Rovira i Virgili - URV; IPHES, Institut Català de Paleoeologia Humana i Evolució Social)

**11:30 DIGGING STICKS DIGGING WHAT? TOOL MARK AND USE-WEAR ANALYSIS OF NEOLITHIC WOODEN POINTED STICKS**

Lopez-Bulto, Oriol (Universitat Autònoma de Barcelona; CSIC – IMF, Archaeology of Social Dynamics, Barcelona)

**11:45 DISCERNING DIACHRONIC FUNCTIONAL CHANGES IN THE SHORT-TERM OCCUPATIONS OF COVA FORADADA (CALAFELL, NE IBERIAN PENINSULA)**

Fernández Marchena, Juan Luis - Cebrià, Artur - Morales, Juan Ignacio - Fullola, Josep Maria (SERP, Seminari d'Estudis i Recerques Prehistòriques. Secció Prehistòria i Arqueologia, Facultat de Geografia i Història, Universitat de Barcelona)

**12:00 INVESTIGATING USE-WEAR ON PREHISTORIC TEXTILE TOOLS: THE CASE OF THE BRONZE AGE SICILY**

Zebrowska, Katarzyna (Institute of Archaeology, University of Warsaw)

**12:15 BEARS (URSIDAE) AS LITHIC ASSEMBLAGE “MODIFIERS”**

Asryan, Lena (IPHES, Institut Català de Paleoecologia Humana i Evolució Social; Àrea de Prehistòria, Universitat Rovira i Virgili - URV; Artsakh State University) - Ollé, Andreu (IPHES, Institut Català de Paleoecologia Humana i Evolució Social; Àrea de Prehistòria, Universitat Rovira i Virgili - URV) - Camarós, Edgard (Instituto Internacional de Investigaciones Prehistóricas de Cantabria, IIIIPC, Universidad de Cantabria) - Moloney, Norah (University College London, Institute of Archaeology) - Fernández-Jalvo, Yolanda (Museo Nacional de Ciencias Naturales - CSIC)

**12:30 DISCUSSION SLOT**

**14:00 DISCUSSION SLOT**

**POSTERS**

- a. **DRILLS AND HOLES – POTTERY MENDING AS EVIDENCE OF THE SOCIAL MEANING OF AN OBJECT**  
Miloglav, Ina (University of Zagreb, Faculty of Humanities and Social Sciences, Department of Archaeology)
- b. **PHYSICAL-CHEMICAL METHODS AS SUPPORT FOR TRACEOLOGICAL ANALYSIS OF THE PREHISTORIC FLINT AND BONE ARTEFACTS. SELECTED EXAMPLES FROM POLAND**  
Osipowicz, Grzegorz (Nicolaus Copernicus University/ Institute of Archaeology) - Bosiak, Mariusz (Nicolaus Copernicus University, Faculty of Chemistry) - Orłowska, Justyna (Nicolaus Copernicus University/ Institute of Archaeology)
- c. **TOWARDS A STANDARDIZATION OF METHODS IN TRACEOLOGY: SETTING UP THE BASIS**  
Pedergnana, Antonella - Calandra, Ivan - Gneisinger, Walter - Marreiros, João (TraCEr, MONRE-POS Archaeological Research Centre and Museum for Human Behavioural Evolution, Neuwied)
- d. **HAMMER OR PESTLE? THE CONTEXT AND USE-WEAR ANALYSIS OF AN ANTLER TOOL FROM KOSTENKI 14, LAYER II**  
Stepanova, Kseniya - Sinitsyn, Andrei (Institute for the History of Material Culture, Russian Academy of Sciences)

## 440 ANTHROPIC ACTIVITY MARKERS: ARCHAEOLOGY AND ETHNOARCHAEOLOGY

ROOM: UB307

TIME: 8:30 - 16:00

THEME: Theories and methods in archaeological sciences

FORMAT: Regular session

ORGANISERS: Pecci, Alessandra (Universitat de Barcelona) - Lancelotti, Carla (Universitat Pompeu Fabra) - Zurro, Debora (CaSES, IMF-CSIC) - Carrer, Francesco (Newcastle University)

### ABSTRACTS

- 8:30 BEHAVIORAL GEOARCHAEOLOGY AND HISTORIC LAND USE IN ANTIGUA, WEST INDIES**  
Tricarico, Anthony - Wells, E. Christian (Department of Anthropology, University of South Florida)
- 8:45 PREHISTORIC PASTORALISM IN HIGH MOUNTAINOUS REGIONS OF THE MONTAFON AND THE SILVRETTA ALPS (AUSTRIA/SWITZERLAND)**  
Kothieringer, Katja (University of Bamberg) - Röpke, Astrid (University of Cologne) - Reitmaier, Thomas (Archaeological Service of the Canton of Grisons) - Krause, Rüdiger (Goethe University, Frankfurt)
- 9:00 CATTLE AS ACTORS IN A PASTORAL LANDSCAPE. GIS ANALYSIS OF AN AGRO-PASTORALIST GROUP**  
Salazar-Bonet, Juan (Florida State University International Programs Valencia) - Diez-Castillo, Agustín (Universitat de València - Grup Recerca d'Arqueologia del Mediterrani)
- 9:15 DISCUSSION SLOT**
- 9:30 FORMATION PROCESSES OF AN AMAZONIAN DARK EARTH: GEOSTATISTICS ANALYSIS AND DATING OF THE IMPACT OF ANTHROPIC ACTIVITIES**  
Alcaina-Mateos, Jonàs - Lancelotti, Carla (CaSEs Research Group; Department of Humanities, Universitat Pompeu Fabra) - Madella, Marco (CaSEs Research Group; Department of Humanities, Universitat Pompeu Fabra; Department of Archaeology and Anthropology, Institució Milà i Fontanals, Spanish National Research Council - IMF-CSIC; Catalan Institution for Research and Advanced Studies - ICREA) - Calegari, Marcia Regina (Department of Geography, Universidade Estadual do Oeste do Paraná) - Coimbra Martins, Gilvan (Embrapa Amazônia Ocidental, Manaus) - Vidal-Torrado, Pablo (Soil Science Department, ESALQ, University of São Paulo) - Teixeira, Wenceslau (Embrapa Solos, Rio de Janeiro)
- 9:45 BIOFUELS, RESPIRATORY HEALTH AND THE BUILT ENVIRONMENT IN PREHISTORY - MULTIPROXY INVESTIGATIONS AT NEOLITHIC CATALHOYUK, TURKEY**  
Shillito, Lisa-Marie - Mackay, Helen - Namdeo, Anil (Newcastle University) - Haddow, Scott (Bordeaux University)
- 10:00 INSECTS, ECOLOGICAL FOOTPRINTS AND THE SYNANTHROPIC RECORDS**  
Panagiota Kopulu, Eva (School of GeoSciences, University of Edinburgh)

**10:15 DISCUSSION SLOT****11:00 SIT DOWN BY THE FIRE AND WATCH THE LAKE – PRELIMINARY PALYNOLOGICAL INVESTIGATIONS NEAR LATEGLACIAL HUNTER-GATHERER SITES**

Krüger, Sascha (ZBSA; Kiel University)

**11:15 EXPERIMENTAL ARCHAEOLOGY IN ENOLOGICAL PALYNOLOGY**

Tsai, Grace (Texas A&M University; Institute of Nautical Archaeology) - Dozier, Crystal (Texas A&M University)

**11:30 TRACKING SMELTING ACTIVITIES USING SOIL SAMPLES—A GEOCHEMICAL CHARACTERIZATION OF THE ANCIENT MAGAZZINI SITE (ELBA ISLAND, ITALY)**

Becker, Fabian (Freie Universität Berlin / Physical Geography; Cluster of Excellence Topoi) - Eser, Raphael A. (Humboldt-Universität zu Berlin / Winckelmann-Institute; Cluster of Excellence Topoi) - Hoelzmann, Philipp - Schütt, Brigitta (Freie Universität Berlin / Physical Geography; Cluster of Excellence Topoi)

**11:45 DISCUSSION SLOT****12:00 MODELLING ANTHROPIC USE OF DOMESTIC SPACES**

Lancelotti, Carla - Alcaina-Mateos, Jonás (CaSEs Research Group; Department of Humanities; Universitat Pompeu Fabra)

**12:15 AN EXPERIMENTAL ETHNOARCHAEOLOGY APPROACH TO PRODUCTION AND CONSUMPTION ACTIVITY MARKERS IN A HUNTER-FISHER-GATHERER SOCIETY OF TIERRA DEL FUEGO, ARGENTINA**

García-Piquer, Albert (Laboratory of Archaeozoology; Autonomous University of Barcelona) - Lozano, Joan Miquel (Autonomous University of Barcelona) - Solà, Judit - Estévez, Jordi (Laboratory of Archaeozoology; Autonomous University of Barcelona)

**12:30 COMBINING RESIDUE ANALYSIS OF FLOORS AND CERAMICS FOR THE STUDY OF ACTIVITY AREAS AT THE GARUM SHOP AT POMPEII**

Pecci, Alessandra (ERAAUB, Departamento de Historia i Arqueologia, Universitat de Barcelona) - Domínguez - Bella, Salvador (Universidad de Cádiz) - Buonincontri, Mauro Paolo (Università di Napoli Federico II) - Miriello, Domenico - De Luca, Raffaella (Università della Calabria) - Di Pasquale, Gaetano (Università di Napoli Federico II) - Cottica, Daniela (Università Ca Foscari, Venezia) - Bernal-Casasola, Dario (Universidad de Cádiz)

**12:45 DISCUSSION SLOT****14:00 LOOKING FOR THE WOODEN STRUCTURES OF THE ROMAN FISH SALTING PLANTS AT BAELO CLAUDIA**

Zurro, Debora (IMF-CSIC; Department of Humanities, University Pompeu Fabra) - Bernal Casasola, Dario (Department of History, Geography and Philosophy. University of Cadiz) - Elvira, Josep (Institute of Earth Sciences Jaume Almera - ICTJA-CSIC)



**14:15 THE SUBSISTENCE ECONOMY OF THE ENEOLITHIC DEREIVKA CULTURE OF THE UKRAINIAN NORTH-PONTIC REGION THROUGH LIPID RESIDUES ANALYSIS OF POTTERY VESSELS**

Mileto, Silmona (Institut für Prähistorische Archäologie, Freie Universität Berlin; Organic Geochemistry Unit, Biogeochemistry Research Centre, School of Chemistry, University of Bristol) - Kaiser, Elke (Institut für Prähistorische Archäologie, Freie Universität Berlin) - Rassamakin, Yuri (Institute of Archaeology of the National Academy of Sciences, Kiev) - Evershed, Richard P. (Organic Geochemistry Unit, Biogeochemistry Research Centre, School of Chemistry, University of Bristol)

**14:30 BEHAVIOURAL PATTERNS AT YOUR FINGERTIPS: FINGERPRINTS ANALYSIS OF A ROMAN CERAMIC WORKSHOP AS ANTHROPIC ACTIVITY MARKER (LEZOUX FRANCE)**

Lambert, Aurore (Eveha; UMR 7268 Ades) - Desmarais, André (UMR 7268 Ades) - Driard, Cyril (Eveha)

**14:45 DISCUSSION SLOT**

**15:00 THE RELEVANCE OF BASIC SCIENCE TO STONE TOOL USE AND MEAT-EATING: STANDARDISATION OF BONE SURFACE MODIFICATION METHODS AND INTERPRETATIONS**

James, Emma (The University of Queensland)

**15:15 PERFORATED LAND SNAILS SHELLS IN WESTERN MEDITERRANEAN DURING LATE PLEISTOCENE-EARLY HOLOCENE : PRELIMINARY STUDY**

Saafi, Ismail - Verdun-Castello, Ester (LAMPEA, UMR CNRS 7269, Aix-Marseille University) - Hutterer, Rainer (Department of Vertebrates, Zoologisches Forschungsmuseum Alexander Koenig) - Beyreis, Sylvie (CEPAM, UMR CNRS 7265 - Université Nice Côte d'Azur) - Casabó i Bernad, Josep (Conselleria d'Educació, Investigació, Cultura i Esport. Direcció Territorial de Castelló) - Aouadi, Nabiha (Musée du Bardo, Institut National du Patrimoine) - Merzoug, Souhila (Centre National de Recherches Préhistoriques, Anthropologiques et Historiques - CNRPAH) - Belhouchet, Lotfi (Musée Archéologique de Sousse, Institut National du Patrimoine) - Linstdater, Jörg (Deutsches Archäologisches Institut) - Petrullo, Giacoma (ArScAn, UMR CNRS 7041, Université Paris Ouest Nanterre La Défense)

**15:30 DISCUSSION SLOT**

**POSTERS**

**a. IDENTIFYING CASTING ACTIVITIES: A COMPARISON OF ARCHAEOLOGICAL AND EXPERIMENTAL SEDIMENTARY RECORD**

Armigliato, Alessandro (University of Bologna) - Peinetti, Alessandro (Université Paul Valéry Montpellier; University of Bologna)

## 449 TEMPORALITY AND RELATIONALITY IN PLACE-MAKING

ROOM: CCCB-1A

TIME: 8:30 - 15:30

THEME: The archaeology of material culture, bodies and landscapes

FORMAT: Regular session

ORGANISERS: Eriksen, Marianne Hem (University of Oslo; University of Cambridge) - Lund, Julie (University of Oslo) - Kay, Kevin (University of Cambridge)

### ABSTRACTS

- 8:30 MAKING PLACE THROUGH THE ACCUMULATING TIME AND THE CREATION OF RELATIONS TO THE PAST IN VIKING AGE SCANDINAVIA**  
Lund, Julie (Department of Archaeology, Conservation and History)
- 8:45 ALL THAT REMAINS: TEMPO(RALITIES) AND MEMORIES OF THE DEAD IN LATE NEOLITHIC MALTA**  
Thompson, Jess (University of Cambridge) - McLaughlin, Rowan (Queen's University Belfast)
- 9:00 FRAGMENTED BELONGINGS: MATERIAL CULTURE AND PLACE-MAKING IN BRONZE AGE CRETE**  
Relaki, Maria (Université catholique de Louvain) - Tsoraki, Christina (University of Cambridge)
- 9:15 DISCUSSION SLOT**
- 9:30 TIME AND TERRITORY: NON-LINEAR TEMPORAL DYNAMICS OF EARLY LAND CONFISCATION PROCESSES IN SOUTHERN SCANDINAVIA**  
Løvschal, Mette (Aarhus University)
- 9:45 'NATURAL' PLACES OR THE DEEP PAST? A SENSE OF PLACE AT NEOLITHIC MONUMENT COMPLEXES IN THE BRITISH ISLES**  
Greaney, Susan (English Heritage/ Cardiff University)
- 10:00 THE VIKING LANDSCAPE(S): LAND TRANSFORMATIONS & ENVIRONMENTAL BEHAVIOUR IN THE NORTH ATLANTIC**  
Knutson, Sara (University of California, Berkeley)
- 10:15 DISCUSSION SLOT**
- 11:00 SITE BIOGRAPHY OF SACRED PLACES – MAKING AN ANCIENT SACRED STONE OUT OF NOTHING?**  
Jonuks, Tonno (Estonian Literary Museum)
- 11:15 VIKING AGE RUNESTONE CONTEXTS AND THE RHYTHMS OF MONUMENTALISATION**  
Brunstad, Stine (University of Oslo)
- 11:30 CONSTRUCTING SACRED LANDSCAPES IN GREECE**  
Schlaman, Marjo (University of Amsterdam)

**11:45 DISCUSSION SLOT****12:00 BETWEEN THE DEVIL AND THE DEEP BLUE SEA? NEOLITHIC ENCOUNTERS AT THE SEASHORE AT SLETTABØ, SW NORWAY**

Armstrong Oma, Kristin (University of Stavanger, Museum of Archaeology)

**12:15 CONVEYING IDENTITY THROUGH PLACE: UNDERSTANDING BRONZE AGE PEOPLE AND SOCIETY VIA NUCLEATED SETTLEMENTS**

Ryan, Chelsea (National University of Ireland, Galway)

**12:30 BURIAL MOUND CONSTRUCTION AS A SENSE OF TIME AND PLACE IN LATE IRON AGE SCANDINAVIA**

Cannell, Rebecca (University of Oslo)

**12:45 DISCUSSION SLOT****14:00 REPEATING TIME: DURATION, HISTORY AND BECOMING ON THE ARDNAMURCHAN PENINSULA**

Harris, Oliver (School of Archaeology and Ancient History)

**14:15 THE ETERNAL HOME**

Beck, Anna (Museum Southeast Denmark)

**14:30 ON THE INSISTENCE OF OLD WALLS AT ÇATALHÖYÜK, 7000 BCE - 2017 CE**

Kay, Kevin (University of Cambridge)

**14:45 DWELLING IN PLACE: THE LONGHOUSE BUNDLING PAST, PRESENT, AND FUTURE IN LATER PREHISTORIC SCANDINAVIA**

Eriksen, Marianne Hem (University of Cambridge; University of Oslo)

**15:00 DISCUSSION SLOT****POSTERS****a. INTO THE SITE: ARCHAEOLOGY WITH SOLITUDE. A CREATIVE EXPERIENCE OF THEORY IN A META-ARCHAEOLOGICAL SITE**

Mármol Martínez, José Antonio (Complutense University Madrid)

## 483 ROADS OF THE NORTH. MEDIEVAL AND EARLY MODERN INFRASTRUCTURE OF TRAVEL AND EXCHANGE IN THE FAR NORTH

ROOM: UB409

TIME: 8:30 - 12:30

THEME: The archaeology of material culture, bodies and landscapes

FORMAT: Regular session

ORGANISERS: Spangen, Marte (University of Tromsø) - Salmi, Anna-Kaisa (University of Oulu) - Äikäs, Tiina (University of Oulu) - Fjellström, Markus (Stockholm University)



### ABSTRACTS

#### 8:30 ROADS OF THE NORTH - AN INTRODUCTION

Spangen, Marte (University of Tromsø)

#### 8:45 THEORY AND METHODOLOGY FOR ASSEMBLY SITE IDENTIFICATION AND ANALYSIS

Sanmark, Alexandra (Institute for Northern Studies, University of the Highlands and Islands)

#### 9:00 NORTHERN JOURNEYS: COD, WALRUSES AND ARCTIC CONNECTIONS TO URBAN EUROPE IN THE MIDDLE AGES

Barrett, James (Department of Archaeology, University of Cambridge) - Boessenkool, Sanne (Department of Biosciences, Centre for Ecological and Evolutionary Synthesis, University of Oslo) - Kneale, Catherine - O'Connell, Tamsin (Department of Archaeology, University of Cambridge) - Star, Bastiaan (Department of Biosciences, Centre for Ecological and Evolutionary Synthesis, University of Oslo)

#### 9:15 DISCUSSION SLOT

#### 9:30 TANGLED WORLDS: THE SWEDISH, THE SÁMI, AND THE REINDEER IN MEDIEVAL AND EARLY MODERN NORTH

Salmi, Anna-Kaisa (University of Oulu)

#### 9:45 METHODS OF RECONSTRUCTING MEDIEVAL INFRASTRUCTURE BY HISTORICAL AND ARCHAEOLOGICAL SOURCES

Møller, Per Grau (University of Southern Denmark) - Haue, Niels (Historical Museum of Northern Jutland)

#### 10:00 TRAVEL, ENCOUNTERS, AND SOCIAL NEGOTIATIONS IN MEDIEVAL NORTHERN NORWAY

Spangen, Marte (University of Tromsø)

#### 10:15 DISCUSSION SLOT

**11:00 TRADER SOCIETIES IN THE BOTHNIAN BAY COAST DURING THE 14TH-16TH CENTURIES AD**

Nurmi, Risto - Kuusela, Jari-Matti - Hakamäki, Ville (University of Oulu)

**11:15 FROM TRADE TO CHURCH SERVICES: HISTORY AND EXCAVATIONS OF KOLARI MARKET PLACE IN NORTHERN FINLAND**

Äikäs, Tiina - Salmi, Anna-Kaisa - Nurmi, Risto (Archaeology, University of Oulu)

**11:30 BUSINESS AND BURIAL IN SILBOJOKK: AN ISOTOPE APPROACH TO A SÁMI BURIAL GROUND**

Fjellström, Markus (Archaeological Research Laboratory, Stockholm University) - Lindgren, Åsa (Norrbottens museum) - Eriksson, Gunilla - Lidén, Kerstin (Archaeological Research Laboratory, Stockholm University)

**11:45 DISCUSSION SLOT****487 “SCALING” CHALLENGES FACED BY FIRST MESOLITHIC SOCIETIES: TECHNOLOGICAL CHANGES AT THE BEGINNING OF THE HOLOCENE**

**ROOM:** UB213

**TIME:** 16:30 - 18:30

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Soto, Adriana (University of Basque Country) - Marquebielle, Benjamin (University Toulouse Jean Jaurès) - Visentin, Davide (University of Ferrara)

**ABSTRACTS****16:30 INVESTIGATING PITS IN THE IRISH MESOLITHIC**

Small, Jonathan - Basell, Laura (Queen's University, Belfast) - Woodman, Peter (University College Cork)

**16:45 ON THE ONSET OF THE EARLY MESOLITHIC ON THE NORTH GERMAN PLAIN**

Groß, Daniel - Grimm, Sonja - Weber, Mara-Julia (Centre For Baltic And Scandinavian Archaeology - ZBSA)

**17:00 DISCUSSION SLOT****17:15 BONE TOOLS OF THE EARLY MESOLITHIC IN THE SOUTHERN HALF OF FRANCE (AND BEYOND): RECENT SYNTHESIS AND NEW PERSPECTIVES**

Marquebielle, Benjamin (UMR5608 TRACES; Toulouse Jean Jaurès University)

- 17:30 A TECHNOLOGICAL ASSESSMENT OF EARLY MESOLITHIC TRADITIONS IN NORTHERN ITALY, SOUTHERN FRANCE AND NORTH-EASTERN SPAIN**  
Soto, Adriana (University of the Basque Country) - Visentin, Davide - Fontana, Federica (University of Ferrara) - Valdeyron, Nicolas (University of Toulouse Jean-Jaurès) - Alday, Alfonso (University of the Basque Country) - Domingo, Rafael - Montes, Lourdes (University of Zaragoza)
- 17:45 TO BE OR NOT TO BE SAUVETERRIAN: THE EMERGENCE OF THE FIRST GEOMETRIC TOOLS IN MEDITERRANEAN IBERIA**  
Roman Monroig, Didac (University of Barcelona)
- 18:00 DISCUSSION SLOT**

## 490 NAVIGATING IN A SEA OF DATA. TRADE IN THE ANCIENT MEDITERRANEAN

**ROOM:** UB219

**TIME:** 8:30 - 12:30

**THEME:** Mediterranean seascapes

**FORMAT:** Regular session

**ORGANISERS:** Remesal Rodríguez, José (CEIPAC, Universitat de Barcelona) - Fabiao, Carlos (Universidade de Lisboa) - Martín-Arroyo Sánchez, Daniel Jesús (CEIPAC, Universitat de Barcelona) - Bermúdez Lorenzo, Juan Manuel (CEIPAC, Universitat de Barcelona)

### ABSTRACTS

- 8:30 AN INTRODUCTION TO THE DATA MANAGEMENT ON ANCIENT TRADE**  
Remesal Rodríguez, José (Universitat de Barcelona)
- 8:45 'CASA DA BICA' COIN HOARD RESEARCH FRAMEWORK: DATABASE INFRASTRUCTURE AND KNOWLEDGE EXTRACTION**  
Botica, Natalia - Machado, Diego - Martins, Maria Manuela - Magalhães, Fernanda - Ribeiro, Jorge (University of Minho)
- 9:00 TECHNICAL SKILLS TRADE: A MODEL FOR LUNI MARBLE TRAVELLING LABOURERS**  
Bozzi, Chiara (Università Ca' Foscari Venezia)
- 9:15 QUANTIFYING ROMAN TRANSPORT IN THE IBERIAN PENINSULA. DEFINING TERRITORIAL CONFIGURATION FROM COSTS AND TIMES OF TRANSPORT**  
de Soto, Pau (Universidade Nova de Lisboa)
- 9:30 AN ARCHAEOLOGICAL AND EPIGRAPHIC DATABASE ON WINE ROMAN AMPHORAE FROM HISPANIA CITERIOR/TARRACONENSIS**  
Martínez Ferreras, Verónica (ERAAUB, Department of History and Archaeology, University of Barcelona)

**9:45 STAMPED AND INSCRIBED AMPHORAE FROM THE ANCIENT SHIPS OF PISA SAN ROSSORE**

Tescione, Teresa (University of Naples Federico II) - Pace, Gloriana (University of Pisa)

**10:00 RHODIUM VINUM IUCUNDUM. A QUANTITATIVE ANALYSIS OF IMPORTS OF RHODIAN WINE IN TYRRHENIAN ITALY BETWEEN 3RD AND 1ST CENTURY BC**

Tomei, Francesca (Independent researcher)

**10:15 DISCUSSION SLOT**

**11:00 FROM TITULI TO TRADE SYSTEM: AUTOMATED ALGORITHM FOR SYNTACTIC ANALYSIS OF EPIGRAPHICAL MATERIAL**

Romanowska, Iza (Barcelona Supercomputing Center) - Martín-Arroyo, Daniel (University of Barcelona)

**11:15 MAURETANIA TINGITANA. A REVIEW OF AN ATLANTIC PROVINCE**

Pérez González, Jordi - Pons Pujol, Lluís (Universitat de Barcelona)

**11:30 THE MARKINGS OF THE TRADE: EXPLORING THE PATTERNS OF OLIVE OIL PRODUCTION IN ROMAN BAETICA**

Coto-Sarmiento, Maria (Barcelona Supercomputing Center) - Rubio-Campillo, Xavier (University of Edinburgh) - Remesal, José (University of Barcelona)

**11:45 IDENTIFYING LONG-RANGE CONNECTIVITY WITHIN THE ROMAN EMPIRE THROUGH ARCHAEOLOGICAL PROXIES**

Rubio-Campillo, Xavier (The University of Edinburgh)

**12:00 DISCUSSION SLOT**

**POSTERS**

**a. COINS IN THE MARITIME ROMAN COLONY OF CASTRUM NOVUM. CONTRIBUTION TO UNDERSTANDING OF TRADE AND GLOBALIZATION OF THE MEDITERRANEAN SEASCAPE**

Paclíková, Klára - Vuono, Magda - Preusz, Michal (Department of Archaeology, Faculty of Arts, University of West Bohemia in Pilsen) - Enei, Flavio (Museo Civico di Santa Marinella) - Caponetto, Paolo - Fantozzi, Bruno (Gruppo archeologico del territorio Cerite)

**b. VETUSTATE CONLAPSUM. EPIGRAPHIC TESTIMONIES OF REPAIR OF ROADS AND OTHER PUBLIC INFRASTRUCTURES IN ROMAN HISPANIA (1ST - 4TH CENT. AC)**

Sánchez de la Parra Pérez, Santiago (HESPERIA Research Group. Department of Prehistory, Ancient History and Archaeology. University of Salamanca - USAL)

**c. THE ARCEA PROJECT**

Mateo Corredor, Daniel - Álvarez Tortosa, Juan Francisco - Santana Onrubia, Rubén - Molina Vidal, Jaime (University of Alicante)

## 493 TECHNOLOGY AND ARCHAEOBOTANY OF PLANT-BASED CRAFTS

**ROOM:** UB410

**TIME:** 8:30 - 12:00

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Martin Seijo, Maria (Universidade de Santiago de Compostela) - Deforce, Koen (Royal Belgium Institute of Natural Sciences; Flemish Heritage Institute) - Bellavia, Valentina (Bureau d'études archéologiques Eveha; Université Clermont Auvergne) - Andonova, Mila (University of Nottingham; Bulgarian Academy of Sciences)

Session related to the EAA Community on the Archaeology of Wild Plants.

### ABSTRACTS

#### 8:30 SESSION INTRODUCTION

Martin Seijo, Maria (Universidade de Santiago de Compostela) - Deforce, Koen (Royal Belgium Institute of Natural Sciences; Flemish Heritage Institute) - Bellavia, Valentina (Bureau d'études archéologiques Eveha; Université Clermont Auvergne) - Andonova, Mila (University of Nottingham; Bulgarian Academy of Sciences)

#### 8:45 PLANT CARPET FROM MESOLITHIC FINLAND?

Vajanto, Krista (Nanomicroscopy Center Aalto University) - Salo, Eveliina - Huttunen, Maija (Nordic Maritime Group Oy)

#### 9:00 IN SEARCH FOR PREHISTORIC BASKETS: MAT/BASKETRY IMPRESSIONS ON POTTERY FROM NEOLITHIC BULGARIA AND GREECE

Andonova, Mila (Department of Classics and Archaeology, University of Nottingham; Division of Palaeobotany and Palynology, Bulgarian Academy of Sciences)

#### 9:15 THE WOODWORK, WICKER AND CORK ASSEMBLAGE FROM THE ROMAN HEALING SPA OF CHAVES, PORTUGAL

Carneiro, Sérgio (Município de Chaves; UNIARCH - Universidade de Lisboa)

#### 9:30 WOOD TAR PRODUCTION IN EUROPE FROM ANTIQUITY TO 18TH CENTURY: TECHNIQUES AND KNOWLEDGE

Burri, Sylvain (TRACES UMR 5608 UT2J-CNRS)

#### 9:45 WOOD USE IN EARLY MEDIEVAL WEAPON PRODUCTION

Deforce, Koen (Royal Belgian Institute of Natural Sciences; Flemish Heritage Agency) - Haneca, Kristof (Flemish Heritage Agency)

#### 10:00 USAGE OF TREE BAST IN THE BALTIC SEA REGION ON THE BASIS OF 14TH CENTURY COG FINDS

Rammo, Riina (University of Tartu)

#### 10:15 DISCUSSION SLOT



**11:00 CHAÎNES-OPÉRATOIRES AND BIOGRAPHICAL APPROACHES TO THE STUDY OF PLANT-BASED CRAFTS FROM MEDIEVAL CONTEXTS OF NORTH-WESTERN IBERIA**

Martin Seijo, Maria (Universidade de Santiago de Compostela)

**11:15 DISCUSSION SLOT**

**POSTERS**

**a. WOOD SELECTION AND TECHNOLOGY FOR ROMAN AGE WEAVED BASKETS PRODUCTION IN GALLIA BELGICA**

Deforce, Koen (Royal Belgian Institute of Natural Sciences; Flemish Heritage Agency) - Haneca, Kristof (Flemish Heritage Agency)

**b. A COMPARATIVE STUDY OF CRAFT TRADITIONS IN THE BATANES ISLANDS, THE PHILIPPINES AND LANYU ISLAND, TAIWAN**

Kerfant, Celine (University Rovira i Virgili)

**498 FISHING FOR KNOWLEDGE IN A SEA OF DATA**

ROOM: UB311

TIME: 16:30 - 18:30

THEME: Theories and methods in archaeological sciences

FORMAT: Session with presentations of 6 slides in 6 minute

ORGANISERS: Lee, Edmund (Historic England) - Münster, Sander (Technische Universität Dresden)

**ABSTRACTS**

**16:30 BEYOND NUMBERS OR WORDS - HOW DO RESEARCHERS IN DIGITAL CULTURAL HERITAGE PERFORM RESEARCH?**

Muenster, Sander (TU Dresden)

**16:36 CONNECTING ARCHAEOLOGY AND ARCHITECTURE DATA**

Fernie, Kate (2Culture Associates Ltd) - Gavrilis, Dimitris (Athena Research Centre, Digital Curation Unit) - Corns, Anthony (The Discovery Programme: Centre for Archaeology and Innovation Ireland)

**16:42 ANALOGUE PRACTICES IN A DIGITAL WORLD**

McKeague, Peter (HES Historic Environment Scotland)

**16:48 ENABLING EUROPEAN ARCHAEOLOGICAL RESEARCH: THE ARIADNE E-INFRASTRUCTURE**

Richards, Julian (Archaeology Data Service; University of York) - Niccolucci, Franco (PIN - University of Florence) - Wright, Holly - Green, Katie (Archaeology Data Service; University of York)

**16:54 FROM DIGITISATION TO A DIGITAL MINDSET. INSIGHTS FROM DEVELOPING A DIGITAL ARCHAEOLOGICAL PROCESS IN SWEDEN**

Larsson, Asa (Swedish National Heritage Board)

**17:00 MAKING THE DATA AVAILABLE: TII DIGITAL HERITAGE COLLECTIONS**

Swan, Ronan (Transport Infrastructure Ireland) - Corns, Anthony (Discovery Programme) - Harrower, Natalie (Digital Repository of Ireland) - Butler, Lillian (Transport Infrastructure Ireland) - Monaghan, Evie (Royal Society of Antiquaries of Ireland) - Kennedy, Louise (Discovery Programme)

**17:06 USING TEXT MINING TO UNLOCK THE HIDDEN KNOWLEDGE IN DUTCH ARCHAEOLOGICAL REPORTS**

Brandsen, Alex (Leiden University; Leiden Centre for Data Science) - Wansleeben, Milco - Verberne, Suzan (Leiden University)

**17:12 DISCUSSION SLOT****499 TOWARDS AN ARCHAEOLOGY OF MAKING****ROOM:** UB412**TIME:** 14:00 - 16:00**THEME:** The archaeology of material culture, bodies and landscapes**FORMAT:** Session with presentations of 6 slides in 6 minute**ORGANISERS:** Adams, Sophia (University of Glasgow) - Miller Bonney, Emily (California State University Fullerton)**ABSTRACTS****14:00 RECONSTRUCTING THE MAKERS**

Adams, Sophia (University of Glasgow)

**14:06 TRACING COMMON LINKS IN THE ARTISANAL SKILLSET OF THE PRE-HISTORIC AND CONTEMPORARY CRAFTSPERSON**

Griffiths, Mark (University College Cork)

**14:12 FIBRE, FABRIC, SKIN AND CERAMIC: INVESTIGATING CROSS-CRAFT IN THE EARLY BRONZE AGE**

Harris, Susanna (University of Glasgow) - Mould, Quita (Independent Scholar) - Cameron, Esther (Independent Scholar)

**14:18 TWIST AND TURN: CROSS-CRAFT CONNECTIONS AND GESTURE IN IRON AGE BRITAIN**

Farley, Julia (British Museum)

**14:24 EXPERIMENTAL APPROACHES TO THE MAKING OF PREHISTORIC POTTERY**

Innes, Marta (University of Glasgow)

**14:30 DISCUSSION SLOT****14:46 CRAFT AS EMBODIED GAZE: CRAFTSMANSHIP IN LATE BRONZE AGE THEBES**

Dakouri-Hild, Anastasia (University of Virginia) - Demakopoulou, Katie (Director emerita, National Archaeological Museum, Athens)

**14:52 THE BIVALENT ROLE OF THE BRONZE AGE ARTISANS**

Wittenberger, Mihai (National History Museum of Transylvania)

**14:58 MAKING THE FUTURE? EXPLORING THE CONTINGENT RELATIONS OF POTS AND SHERDS IN EURASIAN BRONZE AND IRON AGE SOCIAL ACTION**

Johnson, James (University of Copenhagen)

**15:04 CROSS-CRAFTING FOR ATTENTIVE EYES**

Miller Bonney, Emily (California State University Fullerton)

**15:10 DISCUSSION SLOT**


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**508 URBAN ARCHAEOLOGY ON THE AGENDA: STARTING AN EAA COMMUNITY FOR URBAN ARCHAEOLOGY**

**ROOM:** UB105

**TIME:** 14:00 - 16:00

**THEME:** Archaeology and the future of cities and urban landscapes

**FORMAT:** Discussion session

**ORGANISERS:** Bouwmeester, Jeroen (Cultural Heritage Agency of the Netherlands) - Belford, Paul (Clwyd-Powys Archaeological Trust)

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**ABSTRACTS**
**14:00 INTRODUCING THE START OF A EUROPEAN COMMUNITY ON URBAN ARCHAEOLOGY**

Bouwmeester, Jeroen (Cultural Heritage Agency of the Netherlands)

**14:15 URBAN ARCHAEOLOGY AND CONSERVATION OF ARCHAEOLOGICAL SITES IN LUXEMBOURG – POTENTIAL CONFLICT OR VALUABLE ADDITION TO MODERN CONSTRUCTION?**

Bis-Worch, Christiane (Centre National de Recherches Archéologiques, Luxembourg)

**14:30 JOINING CLIMATE CHANGE ACTION: AN ARCHAEOLOGICAL PERSPECTIVE ON MULTIUSE MARINE PROTECTED AREAS**

Oaie, Smaranda (University of Malta)

**14:45 RESEARCH ON ARCHAEOLOGICAL DIMENSION OF WORLD HERITAGE CITIES: RESULTS TO SHARE WITHIN EAA COMMUNITY**

Castillo, Alicia (Dep. Prehistory, Ancient History and Archaeology. Faculty of Geography and History. Complutense University of Madrid)

- 15:00 URBAN ARCHAEOLOGY IN ITALY: BETWEEN UNRESOLVED ISSUES AND NEW PROJECTS**  
Boi, Valeria - Calandra, Elena - Acconcia, Valeria - Falcone, Annalisa (Ministry of Cultural Assets and Activities and of Tourism, Central Institute for Archaeology)
- 15:15 THE ROLE OF GEOPHYSICAL TECHNIQUES FOR THE COMPREHENSION OF COMPLEX ARCHAEOLOGICAL DEPOSITS IN URBAN SITES IN THE MEDITERRANEAN BASIN**  
Strapazzon, Guglielmo - Sarris, Apostolos (Laboratory of Geophysical - Satellite Remote Sensing & Archaeo-environment Foundation for Research & Technology, Hellas - F.O.R.T.H., Institute for Mediterranean Studies - I.M.S.)
- 15:30 DISCUSSION SLOT**

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## 510 FROM CENTRAL SPACE TO URBAN PLACE. THEORIES, METHODS AND MODELS FOR ANALYZING PROCESSES OF URBANIZATION IN A EUROPEAN PERSPECTIVE

**ROOM:** UB404

**TIME:** 14:00 - 18:30

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Runge, Mads (Odense City Museums) - Hansen, Jesper (Odense City Museums) - Iversen, Frode (Department of Archaeology, University of Oslo, Museum of Cultural History) - Ljungkvist, John (Department of Archaeology and Ancient History, University of Uppsala)




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### ABSTRACTS

- 14:00 FROM THE CENTRAL SPACES OF THE IRON AGE TO THE CITIES OF THE MIDDLE AGES**  
Runge, Mads (Odense City Museums, Denmark)
- 14:15 FAILED URBANIZATION OF THE EUROPEAN CHALCOLITHIC. TRYPILLIAN "MEGA-SITES" CONTEXTUALIZED**  
Ohlrau, René (Kiel University, Graduate School „Human Development in Landscapes“) - Hofmann, Robert - Müller, Johannes (Kiel University, Institute for Pre- and Protohistoric Archaeology; Kiel University, CRC 1266: „Scales of Transformation - Human-Environmental Interaction in Prehistoric and Archaic Societies“)
- 14:30 COULD URBAN SETTLEMENTS SURVIVE (AND PROSPER) WITHOUT A HINTERLAND? THE CASE OF THE TRYPILLIA MEGA-SITES OF UKRAINE**  
Gaydarska, Bisserka (Independent researcher) - Nebbia, Marco - Chapman, Jonh (Durham University)
- 14:45 THE EMERGENCE OF LATE IRON AGE URBANISM: BOTTOM-UP PROCESSES OR TOP-DOWN PROJECTS?**  
Fernández-Götz, Manuel (School of History, Classics and Archaeology)

**15:00 THE RELATIONSHIP BETWEEN MONUMENTAL PHASES OF THE FORA AND LEGAL STATUS OF THE ROMAN CITIES**

Canino, Dario (Universitat Autònoma de Barcelona - Sapienza Università di Roma)

**15:15 NORTH SEA CENTERS: AN EVALUATION OF THE EFFECTS OF ACADEMIC INTERPRETATION ON UNDERSTANDING OF THE SCANDINAVIAN 'CENTRAL PLACES'**

Maddox, Timmis (Independent)

**15:30 THE PALACE AND THE VILLAGE – STRUCTURES AND ACTIVITIES IN GAMLA UPPSALA**

Ljungkvist, John (Dept. of Archaeology & Ancient History)

**15:45 CENTRAL PLACE OR TRADING PLACE? – TRAJECTORIES FOR UNDERSTANDING THE EARLY HISTORY OF DANISH TOWNS**

Sovso, Morten (Museum of Southwest Jutland)

**16:30 PROSPEROUS TOWNS! EARLY COASTAL URBANISATION IN WESTERN SCANDINAVIA AD 800-1200**

Iversen, Frode (Museum of Cultural History University of Oslo)

**16:45 FAILED TOWNS IN WESTERN SCANDINAVIAN AD 800-1200**

Loftsgarden, Kjetil (University of Oslo, Museum of Cultural History)

**17:00 FEUDAL POWER AND THE EMANCIPATION OF THE MERCHANT IN FLANDERS AS DRIVING FORCE FOR THE URBAN REVOLUTION, 850-1200**

Tys, Dries (Vrije Universiteit Brussel)

**17:15 THE SETTLEMENT(S) OF WISKIAUTEN/MOKHOVOYE – VIKING AGE TRADING PORT OR ONLY PERIPHERY?**

Sirkin, Annika (Centre for Baltic and Scandinavian Archaeology, Schleswig; Academy of Sciences and Literature Mainz)

**17:30 THE EMERGENCE OF A NEW TOWN IN NO-MAN'S-LAND. A CASE STUDY OF ENKÖPING IN CENTRAL SWEDEN**

Lagerstedt, Anna - Gustafsson, Stefan (Arkeologikonsult)

**17:45 THE BEGINNING OF URBANISM IN ESTONIA (CA. 1200-1300): THE EXAMPLE OF TARTU**

Haak, Arvi (Tartu City Museum; University of Tartu, Department of Archaeology)

**18:00 MULTI-SCALAR APPROACH FOR HIGH-DEFINITION CENTRAL PLACE AND URBAN SPACE ANALYSIS ACROSS DIFFERENT ENVIRONMENTS: REMOTE SENSING, GEOPHYSICS AND SOIL MICROMORPHOLOGY**

Kristiansen, Søren (Aarhus University, Department of Geoscience & Centre for Urban Network Evolution) - Lichtenberger, Achim (Westfälische Wilhelms-Universität Münster; Institut für Klassische Archäologie und Christliche Archäologie/Archäologisches Museum) - Stott, David (Aarhus University, Department of Geoscience) - Sulas, Federica - Raja, Rubina (Aarhus University, Centre for Urban Network Evolution, Department of Culture and Society) - Ljungberg, Thomas (Aarhus University, Department of Geoscience)

**18:15 DISCUSSION SLOT**

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## 512 EXPLORING THE PRESENTATION AND INTERPRETATION OF PREHISTORY IN MUSEUM DISPLAYS

**ROOM:** UB402

**TIME:** 8:30 - 15:30

**THEME:** Museums and the challenges of archaeological outreach in the 21st century

**FORMAT:** Regular session

**ORGANISERS:** McDowall, Felicity (Department of Archaeology, Durham University; Centre for Visual Arts and Culture, Durham University) - Beusing, Ruth (Römisch-Germanische Kommission des Deutschen Archäologischen Instituts) - Roberts, Benjamin (Department of Archaeology, Durham University)

### ABSTRACTS

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**8:30 "CAVEMEN BEFORE CIVILIZATION": A METHODOLOGY FOR UNDERSTANDING VISITOR PERCEPTIONS AND ENGAGEMENTS WITH BRITISH PREHISTORY DISPLAYS**

McDowall, Felicity (Archaeology Department, Durham University; Centre for Visual Arts and Culture, Durham)

**8:45 CURATING 'CELTS': LESSONS FROM THE BRITISH MUSEUM EXHIBITION**

Farley, Julia (British Museum)

**9:00 BANISHING THE 'CELTS' FROM THE 'KELTENWELT AM GLAUBERG'?**

Beusing, Ruth (RGK - Romano-Germanic Commission DAI)

**9:15 DISCUSSION SLOT**

**9:30 PRESENTING DEEP HISTORY AT THE BRITISH MUSEUM**

Fletcher, Alexandra - Scott, Rebecca (The British Museum)

**9:45 CONVERSATIONS WITH MAGIC STONES**

Anderson-Whymark, Hugo (National Museums Scotland) - Edmonds, Mark (University of York)

**10:00 DIFFERENT APPROACHES TO EXPERIENCING PREHISTORY IN EUROPEAN MUSEUMS**

Henson, Donald (University of York)

**10:15 DISCUSSION SLOT**

**11:00 VIEWING THE PALAEOLITHIC: BEYOND THE GLASS CEILING**

Beresford, Jade (University of Southampton)

**11:15 WHAT KIND OF PREHISTORY PRESENT TO THE PUBLIC MADRID'S ARCHAEOLOGICAL MUSEUMS?**

Aguado, Maria (Universidad Autónoma Madrid)

**11:30 WHAT WE FEEL WHEN WE SEE AN ARTIFACT: PREHISTORY EXHIBITION IN MODERN RUSSIA**

Sevastyanov, Nikolay (Saint Petersburg State University) - Kholkina, Margarita (A. P. Karpinsky Russian Geological Research Institute - VSEGEI)

**11:45 DISCUSSION SLOT****12:00 BETWEEN WAR AND THE NATION: PREHISTORIC DISPLAYS IN THE ATHENS WAR MUSEUM**

Moudopoulos Athanasiou, Faidon (University of Sheffield)

**12:15 WITHOUT THE BURDEN OF CLASSICAL FOLDS. PREHISTORIC FIGURINES IN GREEK ARCHAEOLOGICAL MUSEUMS**

Chourmouziadi, Anastasia (University of the Aegean)

**12:30 DISCUSSION SLOT****14:00 DIGITAL TOOLS TO LEARN AND ENGAGE: ARCHAEOLOGICAL EXHIBITIONS' FUTURE IMAGINED IN THE VIRTUAL ERA**

Cetin, Seyda (Koc University's Research Center for Anatolian Civilizations)

**14:15 HANDS ON EXPERIENCE IN ARCHAEOLOGY MUSEUMS**

Erdem, Deniz (METU)

**14:30 NOT JUST ROCKS AND HAZELNUTS: DISPLAYING STAR CARR**

Joy, Jody (Prehistoric Society; University of Cambridge)

**14:45 DISCUSSION SLOT****518 ARE WE GETTING THE MESSAGE ACROSS? AN ASSESSMENT OF PUBLIC OUTREACH IN ARCHAEOLOGY**

**ROOM:** UB221

**TIME:** 8:30 - 12:30

**THEME:** Archaeology and the European Year of Cultural Heritage

**FORMAT:** Regular session

**ORGANISERS:** Thomas, Ben (Archaeological Institute of America) - Lähdesmäki, Ulla (Pirkanmaa Provincial Museum)

**ABSTRACTS****8:30 SESSION INTRODUCTION**

Thomas, Ben (Archaeological Institute of America) - Lähdesmäki, Ulla (Pirkanmaa Provincial Museum)

- 8:45 DEVELOPING PUBLIC OUTREACH WITH ADOPT-A-MONUMENT PROGRAM AND PUBLIC EXCAVATIONS IN FINLAND**  
Lähdesmäki, Ulla (Pirkanmaa Provincial Museum; University of Turku)
- 9:00 BETTER THAN DISNEYLAND!**  
Søndergaard, Louise (Museum Skanderborg)
- 9:15 SERÓ ESPAI TRANSMISSOR: 5 YEARS SOCIALIZING KNOWLEDGE**  
Bermúdez, Xavier - Belmonte, Cristina (iPAT Serveis Culturals)
- 9:30 BETWEEN TRADITION AND INNOVATION: FOSTERING PUBLIC ENGAGEMENT IN NORTH-EAST ITALY**  
Benetti, Francesca - Chavarria Arnau, Alexandra (University of Padua)
- 9:45 DO ARCHAEOLOGISTS STUDY DINOSAURS? EVALUATING THE EFFECTIVENESS OF ARCHAEOLOGY FAIRS AS A PUBLIC EDUCATION TOOL**  
Thomas, Ben - Langlitz, Meredith (Archaeological Institute of America)
- 10:00 "MUGS WITH HORNS": A CONTEST TO CHALLENGE THEM ALL AND WITH CREATIVITY ENGAGE THEM**  
Osti, Giulia (University of Bologna)
- 10:15 DISCUSSION SLOT**
- 11:00 THE X-FACTOR OF A VIKING AND THE IMPORTANCE OF A WELL-DEFINED STRATEGY**  
Bagge, Merethe Schifter (Museum Skanderborg)
- 11:15 "BLOWIN' IN THE WIND"? REACHING UNSPECIFIED TARGET AUDIENCE**  
Ilves, Kristin - Åstveit, Leif Inge (University of Bergen)
- 11:30 AT EYE LEVEL WITH THE PUBLIC - COMMUNICATION AND CULTURAL MEDIATION IN THE KURATORIUM PFAHLBAUTEN**  
Loew, Carmen (Kuratorium Pfahlbauten)
- 11:45 HOW TO IMPLEMENT AN ARCHAEOLOGICAL PUBLIC OUTREACH PROJECT IN THE MIDDLE OF A CONSTRUCTION SITE**  
Azzopardi, Amanda (Rio Göteborg Natur och Kulturkooperativ)
- 12:00 DISCUSSION SLOT**



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## 521 THE MEDITERRANEAN IN THE NORTH: THE MATERIAL EVIDENCE OF DISTANT CONTACTS, AD 1000-1800

ROOM: UB304

TIME: 16:30 - 18:30

THEME: The archaeology of material culture, bodies and landscapes

FORMAT: Regular session

ORGANISERS: Russow, Erki (Tallinn University) - Blake, Hugo (Royal Holloway, University of London) - Coll Conesa, Jaume (Museo Nacional de Cerámica)



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### ABSTRACTS

#### 16:30 NEW TRACKS ON OLD PATHS. NEW LIGHT ON IMPORTED MEDIEVAL SPANISH CERAMICS IN FLANDERS

Coll Conesa, Jaume (Museo Nacional de Cerámica „González Martí“) - De Clercq, Wim - Poulain, Maxime (University of Gent) - De Groot, Koen (Flanders Heritage Agency)

#### 16:45 THE TUSCAN CONNECTION: MONTELUPO POTTERY AND GLASS IN THE NORTH

Blake, Hugo (Department of History, Royal Holloway, University of London)

#### 17:00 GOING UP NORTH: DISTRIBUTION AND CONSUMPTION PATTERNS OF PORTUGUESE CERAMICS IN NORTHERN EUROPE (1580-1680)

Casimiro, Tania (IHC/IAP NOVA University of Lisbon)

#### 17:15 THE MEDITERRANEAN IN WESTERN NORWAY 1000-1600

Hansen, Gitte (University Museum of Bergen, University of Bergen)

#### 17:30 MEDITERRANEAN IN THE BALTIC C. 1200-1700: THE WHAT, WHERE, WHEN AND WHY

Russow, Erki (Tallinn University, Institute of History, Archaeology and Art History) - Gaimster, David (Auckland Museum)

#### 17:45 IBERIAN CERAMICS IN SOUTHERN SCANDINAVIA C. 1100-1600

Langkilde, Jesper (ROMU, Roskilde Museum)

#### 18:00 DISCUSSION SLOT

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### POSTERS

#### a. EARLY TIN-GLAZED EARTHENWARE PRODUCTION IN NORWICH, UNITED KINGDOM

Goffin, Richenda (Suffolk Archaeology)

## 536 URBAN GEOARCHAEOLOGY

ROOM: UB404

TIME: 8:30 - 12:30

THEME: Archaeology and the future of cities and urban landscapes

FORMAT: Regular session

ORGANISERS: Devos, Yannick (CReA-Patrimoine, Université Libre de Bruxelles) - Wouters, Barbora (Aarhus University; Vrije Universiteit Brussel) - Banerjea, Rowena (University of Reading) - Borderie, Quentin (Département de l'Eure-et-Loir) - Nicosia, Cristiano (University of Padova)



### ABSTRACTS

#### 8:30 INTRODUCTION

Devos, Yannick (Université Libre de Bruxelles) - Wouters, Barbora (Vrije Universiteit Brussel; Aarhus University) - Banerjea, Rowena (University of Reading) - Borderie, Quentin (Département de l'Eure-et-Loir) - Nicosia, Cristiano (University of Padova)

#### 8:45 FROM SETTLED VILLAGES TO MEGA-SITES: A GEOARCHAEOLOGICAL APPROACH TOWARDS UNDERSTANDING THE DEVELOPMENT OF EARLY URBANISM IN CENTRAL ANATOLIA

Garcia-Suarez, Aroa (University of Reading)

#### 9:00 SABRATHA: THE PUNIC EMPORIUM. NEW DATA AND PROSPECTS FOR TOPOGRAPHIC AND TOWN PLANNING RESEARCH

Mistretta, Alessia (University of Geneva)

#### 9:15 URBAN DEVELOPMENT IN FRONTIER ZONES: A GEOARCHAEOLOGY OF REGIME CHANGE

Banerjea, Rowena (University of Reading)

#### 9:30 UNDER THE WAVES. GEOARCHAEOLOGY OF THE TSUNAMI THAT DESTROYED THE FLUVIAL PORT OF ROMAN HISPALIS (SEVILLA, SPAIN)

Gutiérrez-Rodríguez, Mario (Universidad de Granada)

#### 9:45 URBAN GEOARCHAEOLOGY IN BELGIUM: CURRENT DEVELOPMENTS AND FUTURE PERSPECTIVES

Devos, Yannick (CReA-Patrimoine, Université Libre de Bruxelles; Vrije Universiteit Brussel) - Wouters, Barbora (Centre for Urban Network Evolutions - UrbNet, Aarhus University; Vrije Universiteit Brussel)

#### 10:00 DISCUSSION SLOT

#### 11:00 TOWNS ON THE EDGE: URBAN GEOARCHAEOLOGY OF MEDIEVAL IEPER (COLAERTPLEIN)

Wouters, Barbora (UrbNet, Aarhus University; Vrije Universiteit Brussel) - Devos, Yannick (CReA, Université Libre de Bruxelles; Vrije Universiteit Brussel) - Bartholomieux, Bart - Braadt, Tomas (Monument Vandekerckhove nv)

### **11:15 HORTICULTURE IN A SUBURB OF MEDIEVAL AND MODERN-ERA WROCŁAW (POLAND) AND FORMATION OF DARK EARTH**

Krupski, Mateusz (Archeolodzy.org Foundation; Institute of Archaeology, University of Wrocław) - Kabała, Cezary (Institute of Soil Science and Environmental Protection, Wrocław University of Environmental and Life Sciences) - Sady, Agata (Archaeology Department, Silesian Museum) - Gliński, Radosław (Institute of Art History, University of Wrocław) - Wojcieszak, Jacek (Sigillum Pracownia Archeologiczna)

### **11:30 GEOARCHAEOLOGY OF THE EARLY MIDDLE AGE TOWN OF SAINT-DENIS, FRANCE**

Borderie, Quentin (CNRS UMR 7041-ArScAn)

### **11:45 DISCUSSION SLOT**

## **POSTERS**

#### **a. ENVIRONMENTAL CHANGES IN A MOROCCAN RIVER: LANDSCAPE AND HISTORICAL OCCUPATION AT OUED KSAR SEGHIR**

Costa, Ana Maria (Archaeosciences Laboratory - LARC - of the Directorate General for Cultural Heritage - DGPC, Lisbon; Research Centre for Biodiversity and Genetic Resources - CIBIO/InBIO; Instituto Dom Luiz - IDL, Lisbon University; IIIPC, Cantabria University) - Freitas, Maria Conceição - Costa, Pedro (Instituto Dom Luiz - IDL, Lisbon University; Geology Department, Faculty of Sciences, Lisbon University) - Teixeira, André (CHAM, FCSH, Universidade NOVA de Lisboa; Departamento de História, FCSH, Universidade NOVA de Lisboa) - Lopes, Vera (Geology Department, Faculty of Sciences, Lisbon University) - Duarte, João - Rodrigues, Aurora (Hydrographic Institute - IH, Lisbon) - Carvalho, Helena (Lab2PT e Instituto de Ciências Sociais, Universidade do Minho) - El-Boudjay, Abdelatif (Conservation du Site Archéologique de Ksar Seghir, Direction Régionale de Culture Tanger - Tétouan - El Hoceima) - Lopes, Gonçalo (CHAM, FCSH, Universidade NOVA de Lisboa)

## **565 ECCLESIASTICAL LANDSCAPES IN MEDIEVAL EUROPE. A COMPARATIVE APPROACH**

**ROOM:** UB212

**TIME:** 8:30 - 16:00

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Sanchez-Pardo, Jose Carlos (University of Santiago de Compostela) - Marron, Emmet (Newcastle University) - Tiplic, Ioan Marian ("Lucian Blaga" University of Sibiu) - Tiplic, Maria (Institute for Social Sciences and Humanities Sibiu)



- 8:30 THE RISE OF THE PARISH SYSTEM IN TRANSYLVANIA. AN ARCHAEOLOGICAL VIEW**  
Tiplic, Maria Emilia (Institute of Social Sciences and Humanities Sibiu, Romanian Academy)
- 8:45 CHRISTIANIZATION AND TRANSFORMATION OF RELIGIOUS LANDSCAPE IN (WEST) BOHEMIA**  
Cechura, Martin (The Museum of West Bohemia in Pilsen)
- 9:00 WAYS OF FAITH: FINDING THE MEDIEVAL CHRISTIAN LANDSCAPE IN THE ISLE OF MAN**  
Johnson, Andrew (Manx National Heritage)
- 9:15 LANDSCAPES OF CHRISTIANIZATION: EMERGENCE AND EVOLUTION OF ECCLESIASTICAL POWER IN TUSCAN COUNTRYSIDE DURING LATE ANTIQUITY AND THE EARLY MIDDLE AGES**  
Castrorao Barba, Angelo (University of Palermo) - Castiglia, Gabriele (Pontifical Institute of Christian Archaeology) - Menghini, Cristina (University of Siena)
- 9:30 THE LATE ANTIQUE ECCLESIASTICAL SETTLEMENT OF HITOS (TOLEDO, SPAIN)**  
Sánchez Ramos, Isabel (UCL Institute of Archaeology) - Morin de Pablos, Jorge (AUDEMA Madrid)
- 9:45 INTERDISCIPLINARY APPROACH TO THE ARCHAEOLOGY, BIOARCHAEOLOGY AND HISTORY OF THE RURAL CHURCHES OF AIGUAFREDA AND VALLDANEU (BARCELONA), 7TH-12TH C. AD**  
Garcia, Arnau (McDonald Institute for Archaeological Research, University of Cambridge) - Ciurana, Judit (Institut Català d'Arqueologia Clàssica) - Oliver, Jaume (Universitat de Girona) - Roig, Jordi (Euskal Herriko Unibertsitatea) - Gallego, Abel - Colominas, Lúdia (Institut Català d'Arqueologia Clàssica) - Gómez, Rocío (Arrago, sl.) - Gómez, Joan - Polonio, Tania (Institut Català d'Arqueologia Clàssica) - Giral, Santiago (Institut de Ciències de la Terra Jaume Almera. Consejo Superior de Investigaciones Científicas)
- 10:00 RURAL MONASTERIES AND WILDERNESS IN CAROLINGIAN NORTHERN ITALY (8TH-9TH CENTURY AD): FOREST, WATER AND ECCLESIASTICAL LANDSCAPES**  
Panato, Marco (The University of Nottingham)
- 10:15 DISCUSSION SLOT**
- 11:00 PREACHING TO THE CONVERTED: RECONSIDERING THE ROLE OF COLUMBANUS' MONASTERIES IN THE CHRISTIANISATION OF THE RURAL LANDSCAPE**  
Marron, Emmet (Newcastle University)
- 11:15 TOWARDS AN APPROACH TO STUDY THE DEVELOPMENT OF HIGH-ALTITUDE SITES: THE SAINT-MONT, MONASTERIUM HABENDUM (VOSGES, FRANCE)**  
Chenal, Thomas (Ville de Besançon - CNRS UMR6298 Artheis)
- 11:30 THE LANDSCAPE IMPACT OF EARLY MEDIEVAL STONEBUILDING IN VAL MÜSTAIR**  
Hueglin, Sophie (Foundation Pro Monastery St John Mue stair; Newcastle University) - Cassitti, Patrick (Foundation Pro Monastery St John Mue stair)

- 11:45 EXPLORING THE MEDIEVAL MONASTIC LANDSCAPES OF SAMOS ABEY (NW SPAIN)**  
Sanchez-Pardo, Jose Carlos (Universidade de Santiago de Compostela)
- 12:00 THE LANDSCAPE OF RIEVAULX ABBEY, A CISTERCIAN ABBEY IN NORTH YORKSHIRE, ENGLAND**  
Horsfield, Freya (University of Durham)
- 12:15 MONASTIC LANDSCAPES IN THE ISLE OF MAN: AD 1100 TO 1540**  
Davey, Peter (University of Liverpool)
- 12:30 RESHAPING AN EARLY-MEDIEVAL CHRISTIAN COMMUNITY IN THE ÀGER VALLEY (SPAIN). NEW DATA FROM THE ARCHAEOLOGICAL EXCAVATIONS**  
Porcheddu, Antonio - Brufal Sucarrat, Jesús (Universitat de Lleida)
- 12:45 DISCUSSION SLOT**
- 14:00 ON THE EDGE - EXCAVATIONS AT PERTH WHITEFRIARS 2014-2017**  
Hall, Derek (Stirling University)
- 14:15 THE RELATIONSHIP BETWEEN URBAN RELIGIOUS INSTITUTIONS AND PROVINCIAL SETTLEMENTS: RELIANCE AND SUPPORT IN LATER MEDIEVAL BEVERLEY, YORKSHIRE**  
Bromage, Sam (University of Sheffield)
- 14:30 THE ECCLESIASTICAL LANDSCAPE OF MOUNTAIN RANGE NORTHWESTERN SLOVAKIA. CASE STUDY OF NITRIANSKE PRAVNO SITE**  
Hornak, Milan (VIA MAGNA Ltd.)
- 14:45 THE CZECH REPUBLIC BETWEEN EAST AND WEST: THE FORM AND INSPIRATIONAL RESOURCES OF MEDIEVAL CHURCH ARCHITECTURE**  
Cechura, Martin (The Museum of west Bohemia in Pilsen)
- 15:00 THE ARCHAEOLOGY OF ROMANESQUE CHURCHES FROM TRANSYLVANIA (11TH TO 13TH C)**  
Tiplic, Ioan Marian (Lucian Blaga University of Sibiu) - Tiplic, Maria Emilia (ICSU Sibiu)
- 15:15 ARCHITECTURAL INTERFERENCE IN MEDIEVAL TRANSYLVANIA (THIRTEENTH TO FIFTEENTH CENTURIES)**  
Istrate, Daniela Veronica ("Vasile Pârvan" Institute of Archaeology, Bucharest)
- 15:30 DISCUSSION SLOT**

## POSTERS

- a. SIDILLÀ (GIRONA). FROM ROMAN VILLA TO MEDIEVAL SETTLEMENT**  
Ripoll, Gisela - Tuset, Francesc (University of Barcelona) - Mesas, Imma (ECLC) - Benseny, Josep (University of Barcelona) - Molist, Núria (Museu d'Arqueologia de Catalunya)

- b. THE MEDIEVAL MONASTERY OF SANT QUIRZE DE COLERA (GIRONA). DOCUMENTARY EVIDENCE, ARCHAEOGRAPHY AND NEW APPLIED TECHNOLOGIES**  
Ripoll, Gisela - Tuset, Francesc - Benseny, Josep (University of Barcelona) - Carrero, Eduardo - Rico, Daniel (Universitat Autònoma de Barcelona) - Molist, Núria (Museu d'Arqueologia de Catalunya)
- c. OLÈRDOLA (BARCELONA). SANT MIQUEL AND SANTA MARIA AND THEIR INTERACTION WITH THE MEDIEVAL CIVITAS AND THE CASTRAL TERRITORY**  
Molist, Núria (Museu d'Arqueologia de Catalunya; Equip de recerca en arqueologia i arqueometria de la Universitat de Barcelona - ERAAUB) - Ripoll, Gisela (Universitat de Barcelona; Equip de recerca en arqueologia i arqueometria de la Universitat de Barcelona - ERAAUB) - Esteve, Xavier (Equip de recerca en arqueologia i arqueometria de la Universitat de Barcelona - ERAAUB)

## 574 SUBURBIA AND RURAL LANDSCAPES IN MEDIEVAL SICILY

**ROOM:** UB205

**TIME:** 11:00 - 16:00

**THEME:** Mediterranean seascapes

**FORMAT:** Regular session

**ORGANISERS:** Utrero Agudo, Maria de los Angeles (Consejo Superior de Investigaciones Científicas - CSIC) - Castrorao Barba, Angelo (University of Palermo) - Mandalà, Giuseppe (Consejo Superior de Investigaciones Científicas - CSIC)

### ABSTRACTS

- 11:00 THE SUBURBAN LANDSCAPE OF PALERMO IN ISLAMIC AND NORMAN AGE**  
Vassallo, Stefano - Battaglia, Giuseppina (Soprintendenza Beni Culturali di Palermo)
- 11:15 AT THE EDGE OF MEDIEVAL PALERMO: THE COMPLEX OF SAN GIOVANNI DEI LEBBROSI IN CONTEXT**  
Mandalà, Giuseppe (Instituto de Lenguas y Culturas del Mediterráneo y Oriente Próximo CSIC) - Utrero Agudo, Maria de los Angeles (Escuela de Estudios Arabes CSIC)
- 11:30 TOWN AND COUNTRY IN FATIMID SICILY (10-11TH CENTURY)**  
Carver, Martin (University of York) - Molinari, Alessandra (University of Rome Tor Vergata)
- 11:45 LONG-TERM OCCUPATION OF A MEDIEVAL RURAL SETTLEMENT IN SICANI MOUNTAINS (C-W SICILY): NEW DATA FROM CONTRADA CASTRO (CORLEONE, PALERMO)**  
Castrorao Barba, Angelo - Miccichè, Roberto (University of Palermo) - Pisciotta, Filippo (University of Palermo; Aix-Marseille University) - Marino, Pasquale (Bona Furtuna LLC) - Aleo Nero, Carla - Vassallo, Stefano (Soprintendenza BB.CC.AA. of Palermo) - Bazan, Giuseppe (University of Palermo)

**12:00 CONTESSA ENTELLINA: A RURAL VS. URBAN MEDIEVAL LANDSCAPE IN INNER WESTERN SICILY**

Corretti, Alessandro (Scuola Normale Superiore)

**12:15 THE MADONIE MOUNTAIN AREA, EAST OF PALERMO, IN NORMAN TIMES: FROM IDRISI TO ARCHAEOLOGY**

Cucco, Rosa Maria (Soprintendenza BB.CC.AA. Palermo)

**12:30 CHANGES IN THE SOCIO-RELIGIOUS LANDSCAPE OF SICILY AFTER NORMAN CONQUEST IN THE LIGHT OF EXCAVATIONS AT THE SITE ALTAVILLA MILICIA**

Mozdziuch, Slawomir (Institute of Archaeology and Ethnology of the Polish Academy of Sciences) - Szubert, Barbara (University of Opole; University of Wrocław) - Mozdziuch, Ewa (University of Wrocław)

**12:45 WATER MANAGEMENT, TERRITORIAL ORGANIZATION AND SETTLEMENT IN TRAPANI MOUNTAINS**

Martin Civantos, Jose Maria (Universidad de Granada) - Bonet García, M<sup>a</sup> Teresa - Corselli, Rocco (Arqueoandalusí. Arqueología y Patrimonio S.L.)

**14:00 CASTLE CONSTRUCTION IN WESTERN SICILY: LABOR MOBILIZATION IN THE MEDIEVAL MEDITERRANEAN**

Kirk, Scott (University of New Mexico) - Kolb, Michael (Metro State University of Denver)

**14:15 ARCHAEOLOGICAL SURVEY AND RECONSTRUCTION OF RURAL LANDSCAPES IN SICILY: NEW DATA FROM NORTHERN AND SOUTHERN SICILY**

Burgio, Aurelio (University of Palermo)

**14:30 RURAL SETTLEMENT IN THE HINTERLAND OF AGRIGENTO FROM LATE ANTIQUITY TO MIDDLE AGES**

Rizzo, Maria (Parco Archeologico e Paesaggistico della Valle dei Templi)

**14:45 PIAZZA ARMERINA: THE ISLAMIC SETTLEMENT AND ITS PITS**

Barresi, Paolo (Università Kore Enna) - Pensabene, Patrizio (Università La Sapienza Roma)

**15:00 THE MAKING OF FRONTIER IN 9TH CENTURY. ROCCHICELLA DI MINEO (CT) AND RURAL LANDSCAPES IN EASTERN SICILY**

Arcifa, Lucia (University of Catania)

**15:15 ETNA NORTH-WESTERN SLOPE BETWEEN LATE ANTIQUITY AND MEDIEVAL TIMES. A PRELIMINARY APPROACH**

Gennaro, Andrea (Università degli Studi di Catania)

**15:30 DISCUSSION SLOT**

**a. NEW DATA ON THE LATE ROMAN AND EARLY MEDIEVAL RURAL SETTLEMENTS IN THE EREI UPLAND, CENTRAL SICILY**

Valbruzzi, Francesca (Soprintendenza BB.CC.AA. - Enna)

## 582 URBAN BIOARCHAEOLOGY: CONSUMPTION AND TRADE IN ROMAN AND MEDIEVAL TOWNS

**ROOM:** CCCB12A

**TIME:** 14:00 - 18:00

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Riera, Santiago (Dept. History and Archaeology. Section Prehistory and Archaeology. University of Barcelona) - Miró, Carme (Archaeological Service of Barcelona) - Livarda, Alexandra (Department of Classics and Archaeology, University of Nottingham, University Park, Nottingham) - Mercuri, Anna Maria (Laboratory of Palynology and Palaeobotany, Department of Life Sciences. Università deli Studi di Modena e Reggio Emilia) - Nadal, Jordi (Dept. History and Archaeology. Section Prehistory and Archaeology. University of Barcelona)

### ABSTRACTS

**14:00 BIRDS IN THE CITY. ARCHAEOORNITHOLOGY OF MEDIEVAL AND POSTMEDIEVAL LEVELS OF CASA CORRALES (RIBERA QUARTER, BARCELONA)**

Nadal, Jordi - Lloveras, Lluís - Navarro, Laura (Universitat de Barcelona) - Garcia-Petit, Lluís (UMR-5140. Université Paul Valéry) - Fernández, Antoni (El Born. CCM. Ajuntament de Barcelona) - Miró, Carme (Servei d'Arqueologia de Barcelona. Institut de Cultura de Barcelona. Ajuntament de Barcelona) - Riera, Santiago (Universitat de Barcelona)

**14:15 WILD IN THE CITY: BROWN BEARS IN ROMAN AND MEDIEVAL BRITAIN**

O'Regan, Hannah (University of Nottingham)

**14:30 WHAT'S NEW ON THE MENU? PLANT FOOD CONSUMPTION AND TRADE IN ROMAN LATTARA (LATTES, FRANCE)**

Rovira, Núria (ASM, Archéologie des Sociétés Méditerranéennes - UMR5140, Univ Montpellier 3, CNRS, MCC) - Tillier, Margaux (ASM, Archéologie des Sociétés Méditerranéennes - UMR5140, Univ Montpellier 3, CNRS, MCC; ISEM, Institut des Sciences de l'Evolution - UMR 5554, CNRS/UM/IRD/EPHE/INRAP) - Sanchez, Corinne - Piquès, Gaël (ASM, Archéologie des Sociétés Méditerranéennes - UMR5140, Univ Montpellier 3, CNRS, MCC)

**14:45 ARCHAEOLOGICAL AND ARCHAEOBOTANICAL ANALYSIS OF THE FUNERARY RITUAL IN URBAN AND PERI-URBAN NECROPOLIS OF A ROMAN COLONY OF NORTHERN ITALY**

Riso, Federica - Rinaldi, Rossella (Modena University) - Benatti, Alessandra (Limoges University) - Mercuri, Anna Maria (Modena University) - Vanin, Stefano (Huddersfield Univer-



sity) - Labate, Donato (Soprintendenza per i beni archeologici di Modena) - Bosi, Giovanna (Modena University)

**15:00 A PLACE IN TIME: INVESTIGATING MEAT SUPPLY TO THE CITY OF EXETER IN THE ROMAN AND MEDIEVAL PERIODS**

Müldner, Gundula - Frémondeau, Delphine (Department of Archaeology, University of Reading) - Evans, Jane (British Geological Survey, Keyworth) - Rippon, Stephen (Department of Archaeology, University of Exeter)

**15:15 WOOD FOR THE PYRE: FUEL PROVISIONING AND MANAGEMENT IN THE ROMAN CITY OF BRACARA AUGUSTA, NW IBERIA**

Costa Vaz, Filipe (Research Center in Biodiversity and Genetic Resources - CIBIO, University of Porto) - Braga, Cristina (Archaeological Unit of the University of Minho, Landscape, Heritage and Territory Laboratory - Lab2PT) - Oliveira, Cláudia (Archaeological Unit of the University of Minho, Landscape, Heritage and Territory Laboratory - Lab2PT; Research Center in Biodiversity and Genetic Resources - CIBIO, University of Porto) - Pedro Tereso, João (Research Center in Biodiversity and Genetic Resources - CIBIO, University of Porto; Center for Archaeology - UNIARQ, University of Lisbon) - Fontes, Luís - Martins, Manuela (Archaeological Unit of the University of Minho, Landscape, Heritage and Territory Laboratory - Lab2PT)

**15:30 DISCUSSION SLOT**

**16:30 NATURAL RESOURCES AND LANDSCAPE CHANGES IN A ROMAN AND MEDIEVAL SUBURBAN MARITIME QUARTER OF BARCELONA**

Riera, Santiago (Seminar of Prehistoric Studies and Research. Section of Prehistory and Archaeology. University of Barcelona) - Livarda, Alexandra (Department of Archaeology. University of Nottingham) - Ramos, Jordi (ATICS S.L.) - Miró, Carme (Pla Barcino. Archaeological Service of Barcelona) - Picornell, Llorenç (Arqueobaleàr. Departament of History and Art Theory. University of the Balearic Islands) - Julià, Ramon (Seminar of Prehistoric Studies and Research. Section of Prehistory and Archaeology. University of Barcelona) - Orengo, Hèctor (McDonald Institute for Archaeological Research, University of Cambridge.) - Nadal, Jordi (Seminar of Prehistoric Studies and Research. Section of Prehistory and Archaeology. University of Barcelona) - Marlasca, Ricard (Posidonia) - Bros, Vicenç (Servei de Parcs Naturals. Diputació de Barcelona)

**16:45 MEDIEVAL BERGEN: CONSUMPTION BASED ON LOCAL RESOURCES AND FOREIGN TRADE**

Hjelle, Kari (University of Bergen)

**17:00 ARTEFACT GEOGRAPHIES OF THE VIKING AGE: MATERIAL EXCHANGE NETWORKS TAKING SHAPE**

Munoz-Rodriguez, Mariana (University of York; Stockholm University)

**17:15 DISCUSSION SLOT**

**a. THE ARCHAEOZOOLOGY OF MEDIEVAL PRAGUE**

Trojánková, Olga (Laboratory of Archaeobotany and Palaeoecology, University of South Bohemia in České Budějovice; Institute of Archaeology of the Czech Academy of Sciences, Prague) - Kovačiková, Lenka (Laboratory of Archaeobotany and Palaeoecology, University of South Bohemia in České Budějovice) - Frolík, Jan (Institute of Archaeology of the Czech Academy of Sciences, Prague) - Čiháková, Jarmila (National Heritage Institute, Prague) - Starec, Petr (Prague City Museum)

**b. ANIMAL REMAINS FOUND IN MUNICIPAL RUBBISH PITS IN THE HIGH MIDDLE AGES IN BOHEMIA**

Kovačiková, Lenka (Laboratory of Archaeobotany and Palaeoecology, University of South Bohemia in České Budějovice) - Meduna, Petr (Laboratory of Archaeobotany and Palaeoecology, University of South Bohemia in České Budějovice; Center for Theoretical Studies, Charles University, Prague) - Starec, Petr (Prague City Museum) - Miklová, Vendula (Institute of Archaeology, Faculty of Philosophy, University of South Bohemia in České Budějovice) - Trojánková, Olga (Laboratory of Archaeobotany and Palaeoecology, University of South Bohemia in České Budějovice; Institute of Archaeology of the Czech Academy of Sciences, Prague)

**c. POLLEN, NPPS, SEEDS/FRUITS, CHARCOALS FOR RECONSTRUCTING ENVIRONMENTAL AND CULTURAL CHANGES BETWEEN 3RD BC AND 6TH AD IN MUTINA (MODENA)**

Riso, Federica - Bosi, Giovanna - Torri, Paola - Mercuri, Anna Maria - Rinaldi, Rossella - Montecchi, Maria Chiara (Modena University) - Benatti, Alessandra (Limoges University) - Florenzano, Assunta - Mazzanti, Marta (Modena University)

**d. EXOTIC PLANTS FROM MEDIEVAL AND POST-MEDIEVAL SITES IN BELGIUM**

Preiss, Sidonie - Speleers, Lien (Royal Belgian Institute of Natural sciences; D.O. Earth and History of Life)

**e. NERVIAN SMALL TOWNS FROM THE ROMAN EMPIRE TILL 320 AD: THE COUNTRYSIDE IN TOWN?**

Derreumaux, Marie (CRAVO) - Preiss, Sidonie (IRSNB) - Clotuche, Raphael (INRAP)

**584 MAPPING HISTORICAL NARRATIVES: THE POWER OF ALTERNATIVE GEOVISUALISATION AND METHODS IN ARTEFACT SURVEY**

**ROOM:** UB401

**TIME:** 8:30 - 10:30

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Regular session

**ORGANISERS:** García Sánchez, Jesús (Leiden University) - Taelman, Devi (Ghent University)

- 8:30 DISCUSSING GEOSPATIAL PHENOMENA AND THE CREATION OF HISTORICAL NARRATIVES**  
García Sánchez, Jesús (Leiden University) - Taelman, Devi (Ghent University)
- 8:45 AORISTIC MAPPING: TOWARDS NEW SOLUTIONS FOR VISUALIZING PROBABILISTIC CHRONOLOGICAL MODELS**  
Waagen, Jitte (University of Amsterdam)
- 9:00 MAPPING INDIGENOUS TASKSCAPES IN THE CARIBBEAN: UNDERSTANDING AND VISUALIZING TENDENCIES OF HUMAN ACTION THROUGH NON-SYSTEMATIC SURVEY DATA**  
Herrera-Malatesta, Eduardo (Universiteit Leiden)
- 9:15 RE-SURVEYING AND RE-TELLING - MAPPING PREHISTORY AND HISTORY OF GEBELEIN (EGYPT)**  
Chyla, Julia - Ejsmond, Wojciech (Antiquity of Southeastern Europe Research Centre University of Warsaw)
- 9:30 RE-EVALUATING EARLIER INVESTIGATIONS. INTRA-SITE SPATIAL ANALYSIS OF NIDA SETTLEMENT, LITHUANIA**  
Pilkauskas, Mindaugas (Lithuanian Institute of History)
- 9:45 BEYOND THE SNAPSHOTS : MODELING LANDSCAPE DYNAMICS FROM SPATIAL STATISTICS TO GEOVISUALIZATION TECHNIQUES. A CASE STUDY FROM SOUTH-WEST FRANCE**  
Poirier, Nicolas (CNRS - UMR 5608 TRACES; University of Toulouse) - Hautefeuille, Florent (University of Toulouse; CNRS - UMR 5608 TRACES)
- 10:00 DISCUSSION SLOT**

## 591 FROM SEDIMENTS TO BEHAVIOUR AND PALAEOENVIRONMENTS: INTERDISCIPLINARY APPROACHES TO HUNTER-GATHERER CONTEXTS DURING THE LATE GLACIAL-EARLY HOLOCENE

**ROOM:** UB202

**TIME:** 14:00 - 16:00

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Regular session

**ORGANISERS:** Polo-Diaz, Ana (IPHES, Institut Català de Paleoecologia Humana i Evolució Social) - Aldeias, Vera (ICArEHB, Interdisciplinary Center for Archaeology and the Evolution of Human Behaviour, Universidade do Algarve; Department of Human Evolution, Max Planck Institute for Evolutionary Anthropology, Leipzig) - Égüez, Natàlia (Archaeological Micromorphology and Biomarkers -AMBI Lab, Instituto Universitario de Bio-Orgánica Antonio González. Universidad de La Laguna)

**14:00 EARLY HOLOCENE CLIMATE OSCILLATIONS IN CENTRAL EUROPE: ANNUALLY LAMINATED LAKE SEDIMENTS FROM POGGENSEE (NORTHERN GERMANY)**

Dreibrodt, Stefan (University of Kiel, CRC 1266/ Institute for Ecosystem Research) - Dörfler, Walter - Feeser, Ingo - Zanon, Marco (University of Kiel, CRC 1266/ Institute for Pre- and Protohistoric Archaeology) - Groß, Daniel - Lübke, Harald (Stiftung Schleswig-Holsteinische Landesmuseen Schloss Gottorf)

**14:15 THE HIGH-RESOLUTION SEDIMENTARY SEQUENCE FROM POGGENSEE (N-GERMANY): AN INSIGHT INTO EARLY HOLOCENE LANDSCAPE TRANSFORMATIONS FROM ANNUALLY LAMINATED LAKE SEDIMENTS**

Zanon, Marco - Feeser, Ingo (Institut für Ur- und Fruehgeschichte, CAU Kiel) - Dreibrodt, Stefan (Institut für Ökosystemforschung, CAU Kiel) - Groß, Daniel - Lübke, Harald (Zentrum für Baltische und Skandinavische Archäologie, SSHLM Schloss Gottorf) - Dörfler, Walter (Institut für Ur- und Fruehgeschichte, CAU Kiel)

**14:30 LATE MESOLITHIC LANDSCAPE DEVELOPMENT IN THE LOWER SADO VALLEY BASED ON HIGH-RESOLUTION MULTIPROXY SEDIMENT ANALYSES**

Costa, Ana Maria (Archaeosciences Laboratory - LARC - of the Directorate General for Cultural Heritage - DGPC, Lisbon; Research Centre for Biodiversity and Genetic Resources - CIBIO/InBIO); Instituto Dom Luiz - IDL, Lisbon University; IIIPC, Cantabria University) - Freitas, Maria Conceição (Instituto Dom Luiz - IDL, Lisbon University; Geology Department, Faculty of Sciences, Lisbon University) - Leira, Manel (Instituto Dom Luiz - IDL, Lisbon University) - Andrade, César (Instituto Dom Luiz - IDL, Lisbon University; Geology Department, Faculty of Sciences, Lisbon University) - Duarte, João - Rodrigues, Aurora (Hydrographic Institute - IH, Lisbon) - Bao, Roberto (University of A Coruña, Facultade de Ciencias) - Diniz, Mariana (UNIARQ, Lisbon University) - Araújo, Ana Cristina (Archaeosciences Laboratory - LARC - of the Directorate General for Cultural Heritage - DGPC, Lisbon; Research Centre for Biodiversity and Genetic Resources - CIBIO/InBIO; UNIARQ, Lisbon University) - Arias, Pablo (IIIPC, Cantabria University)

**14:45 FORMATION PROCESSES OF EARLY HOLOCENE ANTHROPOGENIC DEPOSITS AT LA FRAGUA CAVE (CANTABRIA, SPAIN): INTERDISCIPLINARY MICRO-CONTEXTUAL APPROACH**

Duarte, Carlos (University of Cantabria; Interdisciplinary Center for Archaeology and Evolution of Human Behaviour - ICArEHB, University of Algarve) - Nuñez de La Fuente, Sara (University of Cantabria) - Suárez Revilla, Roberto - Gutiérrez Zugasti, Igor - González Morales, Manuel - Arias, Pablo (Instituto Internacional de Investigaciones Prehistóricas de Cantabria - IIIPC, University of Cantabria)

**15:00 INVESTIGATING SEDIMENTS FROM EARLY NATUFIAN FIREPLACES AT SHUBAYQA 1 (NORTHEASTERN JORDAN): A MICROARCHAEOLOGICAL APPROACH**

Polo-Díaz, Ana (IPHES, Institut Català de Paleoeologia Humana i Evolució Social) - Arranz-Otaegui, Amaia - Richter, Tobias (Department of Cross-Cultural studies and Regional studies, University of Copenhagen)

**15:15 APPLYING GEOPHYSICAL TO ARCHAEOLOGICAL ROCKSHELTERS IN THE WESTERN CAPE, SOUTH AFRICA**

Moffat, Ian (Flinders University) - Mackay, Alex (Univeristy of Wollongong)

**15:30 DISCUSSION SLOT**

**POSTERS**

**a. THE FORMATION OF RIVER MOTALA STRÖM AND THE PEOPLE WHO WATCHED IT HAPPEN**

Bergman, Jonas - Hagberg, Linus - Molin, Fredrik (National Historical Museums; The Archaeologists)

**595 ON SITE, BETWEEN SITES: MULTI-SCALAR NETWORKS AND ASSEMBLAGES FROM SOCIAL THEORY TO FORMAL ANALYSIS**

**ROOM:** UB406

**TIME:** 14:00 - 18:30

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Regular session

**ORGANISERS:** Fulminante, Francesca (University Roma Tre; Durham University; Cambridge Univeristy) - Witcher, Rob (Durham University)

**ABSTRACTS**

**14:00 WIRING THE PAST: A NETWORK SCIENCE PERSPECTIVE ON THE CHALLENGE OF ARCHEOLOGICAL SIMILARITY NETWORKS**

Prignano, Luce - Morer, Ignacio (Universitat de Barcelona) - Díaz-Guilera, Albert (Universitat de Barcelona; Institut of Complex Systems - UBICS)

**14:15 ASSEMBLAGE DISCONTINUITIES A CRITIQUE OF “FLAT-ONTOLOGY” FROM THE ARCHAEOLOGY OF THE CONTEMPORARY PAST**

Millan-Pascual, Rafael (CSIC - Spanish National Research Council, Institute of Heritage Sciences)

**14:30 SCALE AND RESOLUTION IN ARCHAEOLOGICAL SURVEY DATASETS: OR, WHY DO WE ONLY TALK ABOUT SQUARE-KILOMETRES NOW?**

Johnson, Paul (University of Sheffield)

**14:45 THE KLEISTHENIAN DEMES AS AN ADAPTIVE CO-EVOLUTIONARY NETWORK OF LANDSCAPES. MAPPING ANCIENT DEMOCRACY THROUGH GIS**

Arvanitis, Nikolaos (Université de Paris 1 Pantheon La Sorbonne)

**15:00 THE IMPACT OF SOCIAL NETWORKS ON LOCAL IDENTITIES. A CASE STUDY OF HELLENISTIC NORTHERN ETRURIA**

Da Vela, Raffaella (Independent researcher; alumna der Rheinischen Friedrich-Wilhelms-Universität Bonn)

**15:15 SOCIO-MATERIAL ARCHAEOLOGICAL NETWORKS AT ÇATALHÖYÜK: CHALLENGES AND OPPORTUNITIES**

Mazzucato, Camilla (Stanford University; Koç University)

**15:30 REDEFINING CULT SITES THROUGH NETWORK ANALYSIS**

Mazzilli, Francesca (University of Cambridge)

**15:45 DISCUSSION SLOT**

**16:30 SIZE MATTERS: USING SCALE TO UNLOCK VARIATION IN SETTLEMENTS OF THE ROMAN EMPIRE**

Hanson, John (John Hanson)

**16:45 SETTLEMENT SCALING THEORY AND THE ROMAN WORLD: APPLICABILITY, POTENTIAL, AND PIT-FALLS**

Mandich, Matthew (ISAR)

**17:00 EXAMINING SOCIAL, PHYSICAL AND TEMPORAL SCALE IN IRON AGE AND ROMAN BRITAIN: CONVEYING COMPLEXITY AMID INCREASING CATEGORISATION**

Garland, Nicky (Newcastle University)

**17:15 DISCUSSION SLOT**

**17:30 ALBERESE: A ROMAN VICUS? A MULTI-SCALAR APPROACH TO THE ROMAN LANDSCAPE IN THE AGER RUSSELLANUS**

Chirico, Elena (Università di Siena) - Colombini, Matteo (Università di Firenze)

**17:45 MULTI-SCALAR TRANSPORTATION NETWORKS IN PRE-ROMAN AND ROMAN CENTRAL ITALY**

Fulminante, Francesca (University Roma Tre) - Witcher, Rob (Durham University)

**18:00 ANIMATE AND RELATIONAL PLACES**

Prijatelj, Agni (Durham University)

**18:15 DISCUSSION SLOT**

## 597 EXPLORING THE POTENTIAL OF DENTAL CALCULUS FOR RECONSTRUCTING THE PAST

**ROOM:** UB401

**TIME:** 16:30 - 18:30

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Regular session

**ORGANISERS:** Power, Robert (Department of Archaeology, Max Planck Institute for the Science of Human History; Department of Human Evolution, Max Planck Institute for Evolutionary Anthropology) - Gur Arie, Shira (Faculty of Archaeology, Leiden University) - Spiteri, Cynthia (Eberhard Karls Universität Tübingen, Institut für Ur- und Frühgeschichte und Archäologie des Mittelalters) - Salazar Garcia, Domingo Carlos (Grupo de Investigación en Prehistoria IT-622-13 - UPV-EHU/IKER-BASQUE-Basque Foundation for Science; Department of Human Evolution, Max Planck Institute for Evolutionary Anthropology; Department of Geological Sciences, University of Cape Town; Department of Archaeogenetics, Max-Planck Institute for the Science of Human History)

### ABSTRACTS

#### 16:30 ANCIENT BIOGRAPHIES. WHAT CAN DENTAL CALCULUS REALLY TELL US ABOUT THE PALAEO-LITHIC

Hardy, Karen (ICREA; Universitat Autònoma de Barcelona)

#### 16:45 NEW INSIGHTS INTO SUBSISTENCE PRACTICES AT THE MESOLITHIC-NEOLITHIC TRANSITION IN THE CENTRAL BALKANS: DATA FROM DENTAL CALCULUS ANALYSIS

Jovanovic, Jelena (The Bioarchaeology Group, BioSense Institute, University of Novi Sad) - Power, Robert (Department of Human Evolution, Max Planck Institute for Evolutionary Anthropology, Leipzig) - Stefanovic, Sofija (The Bioarchaeology Group, BioSense Institute, University of Novi Sad; Laboratory for Bioarchaeology, Department of Archaeology, Faculty of Philosophy, University of Belgrade)

#### 17:00 LIFE STORIES HIDDEN IN DENTAL PLAQUE: DIETARY AND NON-DIETARY USE OF TEETH IN THE MESOLITHIC CENTRAL BALKANS

Cristiani, Emanuela (Sapienza University of Rome) - Radini, Anita (University of York) - Caricola, Isabella (Sapienza University of Rome) - Boric, Dusan (Columbia University)

#### 17:15 HIGH RESOLUTION APPROACHES TO DENTAL CALCULUS RECONSTRUCTION OF DIET IN CHALCOLITHIC IBERIA

Power, Robert (Department of Human Evolution, Max Planck Institute for Evolutionary Anthropology) - Haber, María - Avilés Fernández, Azucena - Lomba-Maurand, Joaquín (Departamento de Prehistoria, Arqueología, Historia Antigua Historia Medieval y CC y TT Historiográficas, Universidad de Murcia) - Salazar-García, Domingo C. (Grupo de Investigación en Prehistoria IT-622-13 - UPV-EHU/IKERBASQUE-Basque Foundation for Science)

#### 17:30 PALAEOGENOMIC INVESTIGATION OF 50,000 YEARS OF THE HUMAN ORAL MICROBIOME IN THE IBERIAN MEDITERRANEAN

Fellows Yates, James (Max Planck Institute for the Science of Human History) - Salazar-García, Domingo (Max Planck Institute for the Science of Human History; Grupo de Investigación

en Prehistoria IT-622-13 - UPV-EHU/IKERBASQUE-Basque Foundation for Science) - Hofman, Courtney (University of Oklahoma) - Aron, Franziska (Max Planck Institute for the Science of Human History) - Power, Robert (Max Planck Institute for Evolutionary Anthropology) - Benítez de Lugo Enrich, Luis (Universidad Autónoma de Madrid) - Haber, María (Universidad de Murcia) - García Atiénzar, Gabriel (Universidad de Alicante) - Oms, Xavier (Universitat de Barcelona) - Benito, María (Universidad Complutense de Madrid)

## 17:45 DISCUSSION SLOT

### 603 ALIBI ARCHAEOLOGIES: EXCAVATING IN ARCHIVES, MUSEUMS AND STOREROOMS

ROOM: UB213

TIME: 8:30 - 16:00

THEME: Theories and methods in archaeological sciences

FORMAT: Regular session

ORGANISERS: Berg, Ria (University of Tampere) - Coralini, Antonella (University of Bologna) - Calandra, Elena (Italian Ministry of Cultural Heritage and Activities and Tourism - MIBACT, Istituto Centrale di Archeologia) - Toniolo, Luana (Italian Ministry of Cultural Heritage and Activities and Tourism - MIBACT, Parco Archeologico di Pompei)

#### ABSTRACTS

- 8:30 RE-DIGGING POMPEII: THE VESUVIANA PROGRAM AND THE INSULA IX 8**  
Antonella, Coralini (University of Bologna)
- 8:45 EXCAVATING THE ARCHIVES AND RECONSTRUCTING THE PRAEDIA IULIAE FELICIS IN POMPEII**  
Parslow, Christopher (Wesleyan University)
- 9:00 GLI SCAVI DELL'AREA DELLE TERME SUBURBANE DI POMPEI DA DOCUMENTI DI ARCHIVIO DEGLI ANNI 1959/60**  
Jacobelli, Luciana (CNR)
- 9:15 THE ARCHIVE IN THE ARCHIVE: THE VANDER POEL CAMPANIAN COLLECTION AND TOPOGRAPHICUM CORPUS POMPEIANORUM**  
Zanella, Sandra (University of Montpellier)
- 9:30 ARCHIVAL CONTEXTS AND CONTEXT THROUGH ARCHIVES: THE CASE OF THE LATE BRONZE AGE - EARLY IRON AGE TRANSITION IN GREECE**  
Duray, Anne (Stanford University)
- 9:45 ONE HUNDRED YEARS OF OBLIVION. RECOVERING THE 19TH CENTURY RESEARCH OF THE DACIAN SITE OF SARMIZEGETUSA REGIA**  
Petan, Aurora (Study Centre of Dacica Foundation)



**10:00 DISCUSSION SLOT****11:00 THE ALIBI ARCHAEOLOGY OF A HABSBURG FUNERARY CHAPEL IN MADRID: RECONSTRUCTING THE VANISHED BURIAL OF IMPERIAL AMBASSADOR HANS KHEVENHÜLLER**

Elbl, Martin Malcolm (The Portuguese Studies Review / Baywolf Press / Trent University)

**11:15 NEW LIGHT ON THE VIA SALARIA NECROPOLIS THROUGH ARCHIVE DOCUMENTS**

Casaramona, Alba (Sapienza University)

**11:30 PIERRE GUSMAN'S ARCHIVES: PHOTOGRAPHY, HISTORY OF ARCHAEOLOGY AND CONSERVATION STATUS IN POMPEII AT THE TURN OF THE 20TH CENTURY**

Acolat, Delphine (Université de Bretagne Occidentale; Laboratoire Centre François Viète)

**11:45 RESEARCH, INTERRUPTED: RE-DEPLOYING THE NUMISMATIC ARCHIVE OF KONRAD KRAFT**

Watson, George (Goethe University)

**12:00 RECOMPOSING THE EXCAVATIONS AND LIFE OF ENRICO CALDERARI THROUGH THE DOCUMENTS HELD IN THE STATE ARCHIVES OF ROME**

Grazian, Andrea (Sapienza)

**12:15 THE BEGINNING OF NEW STORIES: REDISCOVERY AND ENHANCEMENT OF ARTEFACTS AND DOCUMENTS FROM A MUSEUM'S STORAGE**

Menegazzi, Alessandra (Museum of Archaeological Sciences and Art, University of Padua) - Zanovello, Paola - Salvadori, Monica (University of Padua; Department of Cultural Heritage)

**12:30 A MUSEUM IN (RE)CONSTRUCTION - AN ARCHAEOLOGICAL EXCAVATION IN THE STOREROOMS OF THE SALINAS MUSEUM IN PALERMO**

Spatafora, Francesca (Polo Archeologico di Palermo)

**12:45 DISCUSSION SLOT****14:00 FROM THE STOREROOMS OF THE CATANIA CIVIC MUSEUM: NEW INSIGHTS INTO BRONZE STATUARY OF THE ROMAN PERIOD**

Pafumi, Stefania (National Research Council of Italy - CNR, Institute for the Studies on Mediterranean Societies - ISSM)

**14:15 "PAPER POTTERY": DIGGING IN THE UNPUBLISHED ARTEFACTS AND DOCUMENTS FROM THE PUNIC-ROMAN ARCHAEOLOGICAL SITE OF CARTEIA (CÁDIZ, SPAIN)**

Sánchez Moral, Carmen María (Universidad Autónoma de Madrid)

**14:30 FROM FRAGMENT TO MEANING: RECONSTRUCTING DYNAMICS OF INTERACTION USING THE CERAMICS FROM 1980-1981 EXCAVATIONS AT THE FORUM OF POMPEII**

Cottica, Daniela (University Ca' Foscari Venice) - Arthur, Paul (Dipartimento di Beni Culturali, Università del Salento)

**14:45 WORKING WITH OBJECTS THAT DO NOT EXIST. FINDS FROM THE 1847 EXCAVATION OF THE HOUSE OF M. LUCRETIUS (POMPEII)**

Berg, Ria (University of Tampere)

**15:00 DISCUSSION SLOT**

**POSTERS**

**a. DOCUMENTING COLLECTIONS OF THE PAST, CREATING HERITAGE FOR THE FUTURE: THE CASE OF SINDA, CYPRUS**

Tsoumari, Vasiliki - Ahola, Juuli - Alyasin, Ghaza - Gierow, Kristine (Uppasla University)

**612 TRANSDISCIPLINARY AND PARTICIPATIVE APPROACHES TO CULTURAL LANDSCAPES**

ROOM: UB402

TIME: 16:30 - 18:30

THEME: The archaeology of material culture, bodies and landscapes

FORMAT: Regular session

ORGANISERS: Martin Civantos, Jose Maria (Universidad de Granada) - Chavarria Arnau, Alexandra (Università degli Studi di Padova)



**ABSTRACTS**

**16:30 FACING CHANGING TIMES: THE EUROTA VALLEY BETWEEN 15TH AND 12TH CENTURY BC**

Ruzza, Stefano - Scarsella, Elena (Sapienza, University of Rome, Scuola di Specializzazione in Beni Archeologici)

**16:45 THE ALPUJARRA'S HUSUN (GRANADA, ESPAÑA): A TRANSDISCIPLINARY RESEARCH METHODOLOGY**

Rouco Collazo, Jorge (Universidad de Granada)

**17:00 OLD COMMONS AND NEW COMMONS: THE PEASANT LANDSCAPE OF THE CANTABRIAN MOUNTAINS**

López, Pablo - Rodríguez, Santiago (Llabor - Laboratorio rural de historia, paisaje y patrimonio)

**17:15 LINKING THE ARCHAEOLOGICAL PAST AND AGRICULTURAL PRESENT: TOURISM, HERITAGE, AND OLIVE PRODUCTION IN THE ZAKROS VALLEY, CRETE**

Seifried, Rebecca (Institute for Mediterranean Studies - FORTH)

**17:30 EXPERIMENTING PARTICIPATORY RESEARCH ON HISTORICAL LANDSCAPES IN THE EUGANEAN HILLS**

Chavarria Arnau, Alejandra (University of Padua)

**17:45 BIOCULTURAL HERITAGE AND ARCHAEOLOGY. CANCELLING BORDERS BETWEEN DISCIPLINES**

Martin Civantos, Jose Maria (Universidad de Granada)

**18:00 DISCUSSION SLOT**

**POSTERS**

**a. APPLICATION OF GEOINFORMATICS AND CROWDSOURCING INTO LANDSCAPE ARCHAEOLOGY**

Paclíková, Klára - Preusz, Michal (Department of Archaeology, Faculty of Arts, University of West Bohemia in Pilsen; Institute of Applied Informatics, Faculty of science, University of West Bohemia) - Weinfurtner, Anne (Deggendorf Institute of Technology) - Horníčková, Kateřina (Institute of Applied Informatics, Faculty of science, University of West Bohemia) - Dorner, Wolfgang (Deggendorf Institute of Technology) - Vohnoutová, Marta (Institute of Applied Informatics, Faculty of science, University of West Bohemia)

**618 PROCUREMENT AND DISTRIBUTION OF SILICEOUS ROCKS IN THE LIGHT OF GEOCHEMICAL AND PETROGRAPHIC ANALYSIS IN ARCHAEOLOGY**

**ROOM:** UB202

**TIME:** 11:00 - 13:00

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Regular session

**ORGANISERS:** Werra, Dagmara H. (The Institute of Archaeology and Ethnology Polish Academy of Sciences) - Sobkowiak-Tabaka, Iwona (Institute of Archaeology and Ethnology, Polish Academy of Sciences Centre for Prehistoric and Medieval Studies) - Collin, Jean-Philippe (Université de Namur / Université Paris-1) - Asheichyk, Vitali (Institute of History, The National Academy of Sciences of Belarus)

**ABSTRACTS**

**11:00 PROCUREMENT AND DISTRIBUTION OF SILICEOUS ROCKS IN THE LIGHT OF GEOCHEMICAL AND PETROGRAPHIC ANALYSIS IN ARCHAEOLOGY - AN INTRODUCTION**

Werra, Dagmara H. - Sobkowiak-Tabaka, Iwona (The Institute of Archaeology and Ethnology Polish Academy of Sciences) - Asheichyk, Vitali (Institute of History, The National Academy of Sciences of Belarus) - Collin, Jean-Philippe (Université de Namur / Université Paris-1)

**11:15 LONG-DISTANCE RAW MATERIAL IN THE LATE MIDDLE PALAEOLITHIC ASSEMBLAGES IN THE CSERHÁT REGION (NORHERN HUNGARY)**

Markó, András (Hungarian National Museum - Budapest) - Kasztovszky, Zsolt (Nuclear Analysis and Radiography Department Centre for Energy Research, Hungarian Academy of Sciences)

**11:30 FROM PETROGRAPHIC ANALYSIS TO BINOCULAR CHARACTERISATION: AN EXPERIMENTAL APPROACH TO IDENTIFY ARCHAEOLOGICAL QUARTZITE ARTEFACTS IN THE CANTABRIAN REGION, SPAIN**

Prieto, Alejandro - Arrizabalaga, Álvaro - Yusta, Iñaki (University of the Basque Country)

**11:45 OBSIDIAN AND INTERREGIONAL HUMAN CONTACTS. AN ATTEMPT TO DETERMINE THE COURSE OF TRANS-CARPATHIAN COMMUNICATION ROUTES IN THE EARLY NEOLITHIC PERIOD**

Raczak, Adrianna (University of Rzeszów)

**12:00 GEOCHEMICAL INVESTIGATIONS OF THE RAW MATERIALS OF THE ENEOLITHIC METATUFF CHOPPING TOOLS INDUSTRY OF THE LAKE ONEGA REGION**

Tarasov, Alexey - Gogolev, Maksim (Karelian Research Centre, Russian Academy of Sciences)

**12:15 NEW INSIGHTS INTO SILICEOUS MARLS FROM THE CARPATHIANS. IDENTIFICATION AND INTERPRETATION**

Pelisiak, Andrzej (Institute of Archaeology, University of Rzeszów)

**12:30 DISCUSSION SLOT**

## POSTERS

**a. ATTEMPT TO SOURCE RAW MATERIAL OF THE EARLY HOLOCENE BLADE ASSEMBLAGES IN THE SE BALTIC REGION WITH FTIR**

Asheichyk, Vitali (Institute of History of the National Academy of Sciences of Belarus) - Žemantauskaitė, Monika (Lithuanian Institute of History)

**b. OBSIDIAN IN THE EARLY NEOLITHIC OF THE UPPER VISTULA BASIN: ORIGIN, PROCESSING AND USE**

Szeliga, Marcin (Institute of Archaeology Maria Curie-Skłodowska University in Lublin) - Kasztovszky, Zsolt (Nuclear Analysis and Radiography Department Centre for Energy Research, Hungarian Academy of Sciences) - Osipowicz, Grzegorz (Institute of Archaeology, Nicolaus Copernicus University in Toruń)

## 619 PUBLIC SPACE IN LATER PREHISTORIC EUROPE

**ROOM:** UB202

**TIME:** 8:30 - 10:30

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Gorgues, Alexis (Université Bordeaux Montaigne; UMR 5607 Ausonius) - Črešnar, Matija (University of Ljubljana) - Armit, Ian (University of Bradford)

## ABSTRACTS

- 8:30 BRONZE AGE CULT PRACTICES AND TERRITORY MARKING. THE CASE OF METAL HOARDS IN THE REGION OF SALINS-LES-BAINS (JURA, FRANCE)**  
Gauthier, Estelle (University of Franche-Comté; UMR CNRS 6249 Chrono-Environnement) - Piningre, Jean-François (UMR CNRS 6298 ARTeHIS)
- 8:45 WHAT IS AND WHAT IS NOT “PUBLIC SPACE” IN THE LATE PREHISTORIC SOUTH-EASTERN ALPINE REGION?**  
Cresnar, Matija (University of Ljubljana; Institute for the Protection of Cultural Heritage of Slovenia)
- 9:00 TIME TO SPEAK: SPACE, TIME AND INTERACTIONS IN WESTERN EUROPE DURING THE EARLY IRON AGE**  
Gorgues, Alexis (University of Bordeaux Montaigne; CNRS UMR 5607 Ausonius)
- 9:15 DISCUSSION SLOT**
- 9:30 PUBLIC SPACE AND SOCIAL ACTION IN IRON AGE SOCIETIES**  
Armit, Ian (University of Bradford)
- 9:45 PUBLIC SPACES IN IRON AGE EUROPE: PERSPECTIVES FROM GAUL AND IBERIA**  
Fernández-Götz, Manuel (School of History, Classics and Archaeology)
- 10:00 PUBLIC SPACES IN LATE IRON AGE OPPIDA: A CASE STUDY**  
Poux, Matthieu (Université de Lyon)
- 10:15 DISCUSSION SLOT**

## 623 BEYOND RAMPARTS, WALLS AND DITCHES: NEW PERSPECTIVES ON THE EUROPEAN HILLFORTS

**ROOM:** CCCB4M

**TIME:** 8:30 - 18:30

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Linde, Lennart (Goethe University Frankfurt) - Blitte, Hélène (Goethe University Frankfurt) - Risch, Robert (Universitat Autònoma de Barcelona) - Ashkenazi, Hai (Tel Aviv University)

## ABSTRACTS

- 8:30 INTRODUCTION: ARE HILLFORTS MEANT TO BE JUST DEFENSIVE PLACES? SOME REFLEXIONS ABOUT THE FUNCTION OF HILLFORTS**  
Blitte, Helene - Linde, Lennart (Goethe University Frankfurt)

- 8:45 INTERPRETING BRONZE- AND IRON AGE FORTIFICATIONS**  
Nakoinz, Oliver (Johanna-Mestorf Academy) - Kneisel, Jutta (Graduate School, Human Development in Landscapes, Kiel University) - Beilke-Voigt, Ines (Humboldt-Universität zu Berlin)
- 9:00 FORTIFIED SETTLEMENTS AS COLLECTORS OF PEOPLE AND RESOURCES: A QUANTITATIVE ANALYSIS**  
Vicenzutto, David (Università degli Studi di Padova, Dipartimento dei Beni Culturali: Archeologia, Storia dell'Arte, del Cinema e della Musica)
- 9:15 THINK SOCIAL! - HILLFORTS BEYOND CENTRALITY AND ELITES**  
Linde, Lennart (Goethe University Frankfurt)
- 9:30 FUNCTION OF FORTIFIED HILLTOP SETTLEMENTS - A MEASURE OF THE INTANGIBLE?**  
Giroto, Chiara (Goethe University Frankfurt)
- 9:45 DISCUSSION SLOT**
- 10:15 HILLFORTS IN PREHISTORIC IRELAND: NEW PERSPECTIVES AT THE EDGE OF EUROPE**  
O'Driscoll, James (University of Aberdeen)
- 11:00 THE DECLINE OF TRANSHUMANCE AND THE RISE OF HILLFORTS IN CENTRAL SOUTHERN ENGLAND**  
Valdez-Tullett, Andrew (HE - Historic England)
- 11:15 LINKS BETWEEN THE FORTIFIED PENINSULA OF "KERMORVAN", LE CONQUET (BRITTANY, FRANCE) AND ITS COASTAL ENVIRONMENT**  
Duval, Hervé (CReAAH, University of Rennes 1)
- 11:30 DISCUSSION SLOT**
- 11:45 THE CELTIC ELITE SETTLEMENT OF THE KEMMELBERG HILLFORT IN FLANDERS, BELGIUM**  
Vandevelde, Jessica (Flemish Heritage Agency)
- 12:00 FORTIFIED HILL SITES IN CENTRAL-BELGIUM DURING THE 5TH CENTURY BC**  
De Mulder, Guy - Dalle, Sarah (Ghent University)
- 12:15 ON THE MARGINS: HILLFORTS OF WESTPHALIA, GERMANY**  
Davis, Oliver - Dennis, Ian (Cardiff University)
- 12:30 PROTECTION OF PLACE AND SPACE - CASE STUDY SULM VALLEY**  
Hellmuth Kramberger, Anja - Mele, Marko (Universalmuseum Joanneum)
- 12:45 DISCUSSION SLOT**
- 14:00 THE EARLY BRONZE AGE ENCLOSURE IN JĘDRYCHOWICE IN THE PERSPECTIVE OF FIRST MATERIALS AND METHODS REVIEW**  
Jedrysik, Joanna (Jagiellonian University)

**14:15 EARLY STONE ARCHITECTURE OUTSIDE MEDITERRANEAN – ITS FUNCTION AND DEVELOPMENT. THE MASZKOWICE HILLFORT CASE**

Jedrysik, Joanna - Przybyla, Marcin S. (Jagiellonian University)

**14:30 ENCLOSED SETTLEMENT IN BRANDÝS NAD LABEM AND THE EARLY BRONZE AGE SETTLEMENT STRUCTURE IN THE CENTRAL BOHEMIA REGION**

Langova, Michaela (AU - Institute of Archaeology of the Academy of Sciences of the Czech Republic)

**14:45 DISCUSSION SLOT****15:00 BEHIND DITCHES. THE BRONZE AGE TELL-SETTLEMENTS OF THE CARPATHIAN BASIN**

Gogaltan, Florin (Institute of Archaeology and Art History Cluj-Napoca) - Cordoş, Cristina (Iaşi Institute of Archaeology)

**15:15 DISCUSSION SLOT****15:30 MONBRODO – MONVI – MONKODONJA – A SETTLEMENT SYSTEM OF BRONZE AGE HILLFORTS**

Cuka, Maja (Archaeological Museum of Istria) - Müller, Sebastian (Institute for Mediterranean Studies, Busan University of Foreign Studies) - Hellmuth Kramberger, Anja (Universal-museum Joanneum)

**15:45 DISCUSSION SLOT****16:30 FORTIFIED MOUNTAINS? A PRELIMINARY ANALYSIS OF PRE-ROMAN HILLFORTS IN UMBRIA (CENTRAL ITALY)**

Mattioli, Tommaso (University of Barcelona, Dept. of History and Archeology) - Di Miceli, Andrea - Fiorini, Lucio (Dipartimento di Ingegneria Civile ed Ambientale, Facoltà di Ingegneria, Università degli Studi di Perugia)

**16:45 POWERFUL CENTERS OF CHANGE: CYPRIOT FORTRESSES IN THE TRANSITION TO THE LATE BRONZE AGE**

Monahan, Eilis (Cornell University)

**17:00 DISCUSSION SLOT****17:15 LA BASTIDA. A FORTIFIED URBAN CENTRE OF EL ARGAR IN THE CONTEXT OF THE “4.2K EVENT” IN THE WESTERN MEDITERRANEAN**

Risch, Roberto - Rihuete Herrada, Cristina - Micó, Rafael - Lull, Vicente - Celdrán, Eva - Bono-ra, Barbara - Velasco, Carlos (Universitat Autònoma de Barcelona)

**17:30 RAMPARTS, DITCHES AND WALLS AS A MEANS FOR UNDERSTANDING IRON AGE SOCIETIES IN NW IBERIA**

Álvarez, Samuel (Universidade de Santiago de Compostela)

**17:45 DISCUSSION SLOT**

## 625 THE BIOARCHAEOLOGY OF LANDSCAPES

**ROOM:** UB205

**TIME:** 16:30 - 18:30

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Orenge, Hector (McDonald Institute for Archaeological Research, University of Cambridge) - Livarda, Alexandra (Department of Classics and Archaeology, University of Nottingham) - Palet Martinez, Josep Maria (Catalan Institute of Classical Archaeology)

### ABSTRACTS

**16:30 THE PALAEOENVIRONMENTAL RECONSTRUCTION OF THE BRONZE AGE SETTLEMENTS OF THE PO PLAIN, N ITALY (SUCCESO-TERRA PROJECT)**

Mercuri, Anna Maria - Florenzano, Assunta - Torri, Paola - Montecchi, Maria Chiara - Rattighieri, Eleonora - Clò, Eleonora - Bosi, Giovanna - Rinaldi, Rossella (Università di Modena e Reggio Emilia) - Zerboni, Andrea - Cremaschi, Mauro (Università degli Studi di Milano)

**16:45 EXPLORING CHANGES IN MOBILITY BETWEEN THE NEOLITHIC AND THE BRONZE AGE IN BRITAIN**

Osborne, David (University of Nottingham)

**17:00 A LONG-TERM PERSPECTIVE ON LANDSCAPE CHANGES IN THE SABOR VALLEY (NE PORTUGAL): A MULTI-SITE LOCAL-SCALE STUDY WITH WIDE-RANGING IMPLICATIONS**

Tereso, João (CIBIO - Research Center in Biodiversity and Genetic Resources, Univ. of Porto; InBIO - Research Network in Biodiversity and Evolutionary Biology, Associate Laboratory; Center for Archaeology - UNIARQ, University of Lisbon; Natural History and Science Museum of the University of Porto) - Vaz, Filipe (CIBIO - Research Center in Biodiversity and Genetic Resources, Univ. of Porto; InBIO - Research Network in Biodiversity and Evolutionary Biology, Associate Laboratory) - Oliveira, Cláudia (CIBIO - Research Center in Biodiversity and Genetic Resources, Univ. of Porto; InBIO - Research Network in Biodiversity and Evolutionary Biology, Associate Laboratory; Archaeological Unit of the University of Minho, Landscape, Heritage and Territory Laboratory - Lab2PT) - Gaspar, Rita (Natural History and Science Museum of the University of Porto; GEPN-AAT / Grupo de Estudos para a Prehistoria do Noroeste Ibérico-Arqueologia; InBIO - Research Network in Biodiversity and Evolutionary Biology, Associate Laboratory; CIBIO - Research Center in Biodiversity and Genetic Resources, Univ. of Porto)

**17:15 TOWN, COUNTRY AND A LITTLE TASTE OF HOME. HOW PEOPLE SHAPE THE LANDSCAPE WITH REFERENCE TO ROMAN AND MEDIEVAL BRITAIN**

Francis, Robert (Nottingham University)

**17:30 BIOARCHAEOLOGICAL HISTORY OF A 7,500 YEARS-OLD TELL AND ITS LANDSCAPE: PLATEIA MAGOULA PRODRAMOS, WESTERN THESSALY, CENTRAL GREECE**

Krahtopoulou, Athanasia (Ephorate of Antiquities of Karditsa, Hellenic Ministry of Culture & Sports) - Orenge, Hector (McDonald Institute for Archaeological Research, University



of Cambridge) - Riera-Mora, Santiago - Cañellas-Voltà, Núria (Department of History and Archaeology, Seminar of Prehistoric Studies and Research, Universitat de Barcelona) - Livarda, Alexandra (Department of Classics & Archaeology, University of Nottingham) - Picornell -Gelabert, Llorenç (ArqueoUIB Research Team, University of the Balearic Islands) - Halstead, Paul (Department of Archaeology, University of Sheffield) - Veropoulidou, Rena (Museum of Byzantine Culture, Hellenic Ministry of Culture and Sports)

**17:45 HOW THE MULTI-PROXY APPROACH HELPS TO REVEAL THE MYSTERY OF THE LATER PREHISTORIC SETTLEMENT IN THE ŠUMAVA MOUNTAINS (BÖHMERWALD), BOHEMIA**

Dreslerova, Dagmar - Kozáková, Radka (Institute of Archaeology of the CAS, Prague) - Bobek, Přemysl (Institute of Botany of the CAS) - Brychová, Veronika (University of Chemistry and technology, Prague, Dpt. of Dairy, Fat and Cosmetic) - Metlička, Milan (Museum of West Bohemia, Pilsen) - Pokorná, Adéla - Strouhalová, Barbora (Institute of Archaeology of the CAS, Prague)

**18:00 DISCUSSION SLOT**

**POSTERS**

**a. BIOARCHAEOLOGICAL DATA AND THE DIACHRONIC RECONSTRUCTION OF SOUTH-EAST SICILY LANDSCAPES: THE CASE STUDY OF AKRAI**

Stella, Matilde (Università del Salento, Lecce, Laboratorio di Archeobotanica e Paleoeologia) - Chowaniec, Roksana - Gręzak, Anna (University of Warsaw Institute of Archaeology) - Fiorentino, Girolamo (Università del Salento, Lecce, Laboratorio di Archeobotanica e Paleoeologia)

**b. RITUAL PRACTICES AND LANDSCAPE INTERPRETATION: NEW ARCHAEOBOTANICAL ANALYSIS IN THE SITE OF CASTRO (LECCE, ITALY)**

Porta, Marianna (University of Salento; Laboratory of Archaeobotany and Palaeoecology) - Fiorentino, Girolamo (University of Salento, Department of Cultural Heritage; Laboratory of Archaeobotany and Palaeoecology) - D'Aquino, Silvia (University of Salento; Laboratory of Archaeobotany and Palaeoecology)

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**627 CROSS THE STREAMS. MULTIPROXY APPROACHES TO DEMOGRAPHY AND POPULATION DYNAMICS**

**ROOM:** UB403

**TIME:** 8:30 - 15:30

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Regular session

**ORGANISERS:** Solheim, Steinar (Museum of Cultural History, University of Oslo) - Hinz, Martin (Institute for Pre- and Protohistoric Archaeology, Kiel University) - Diez Castillo, Agustín (Department of Prehistory and Archaeology, University of Valencia)

**8:30 CROSS THE STREAMS: INTRODUCTION TO THE SESSION**

Solheim, Steinar (Museum of Cultural History University of Oslo) - Hinz, Martin (Institute for Pre- and Protohistoric Archaeology, Kiel University) - Diez Castillo, Agustín (Department of Prehistory and Archaeology, University of Valencia)

**8:45 BEHIND THE MODEL: DATA AND ASSUMPTIONS FOR ESTIMATING DEMOGRAPHY OF THE ENEOLITHIC SOCIETIES OF THE SANDOMIERZ UPLAND (SE POLAND)**

Oberc, Tomasz (Institute of Archaeology Jagiellonian University)

**9:00 'TACTICAL SIMULATIONS' AND ARCHAEOLOGICAL APPROACHES TO PAST DEMOGRAPHY**

Crema, Enrico (University of Cambridge)

**9:15 DISCUSSION SLOT**

**9:30 DEMOGRAPHIC DEVELOPMENTS IN STONE AGE WESTERN NORWAY (11.500-3800 CAL BP) BY PROXY OF RADIOCARBON DATES, SITE COUNTS AND STRAY-FINDS**

Bergsvik, Knut Andreas - Åstveit, Leif Inge - Darmark, Kim (University of Bergen) - Aksdal, Jostein (Hordaland County Administration)

**9:45 ACCUMULATING CULTURES: EXPLORING PREHISTORIC DEMOGRAPHY COMBINING RADIOCARBON DATES AND MATERIAL CULTURE (SOUTHERN NORWAY)**

Nielsen, Svein - Solheim, Steinar - Persson, Per (Museum of Cultural History, University of Oslo)

**10:00 MULTIPLE PROXIES SHOW CONSISTENT PATTERN OF LONG-TERM HUMAN POPULATION DYNAMICS IN HOLOCENE FINLAND**

Tallavaara, Miikka (Department of Geosciences and Geography, University of Helsinki)

**10:15 DISCUSSION SLOT**

**11:00 LONG-TERM POPULATION AND LAND-USE TRENDS IN MIDDLE VOLGA REGION IN EARLY IRON AGE AND MIDDLE AGES**

Vyazov, Leonid - Efimov, Maxim (Kazan Federal University) - Ponomarenko, Elena (University of Ottawa; Kazan Federal University) - Ershova, Ekaterina (Moscow State University; Kazan Federal University) - Sitdikov, Ayrat (Kazan Federal University)

**11:15 VISIBLE AND INVISIBLE COMMUNITIES: QUANTIFYING PEOPLE AND MANPOWER IN DEMOGRAPHIC STUDIES**

Vicenzutto, David - Dalla Longa, Elisa (Università degli Studi di Padova, Dipartimento dei Beni Culturali: Archeologia, Storia dell'Arte, del Cinema e della Musica)

**11:30 COMBINED SPATIAL RADIOCARBON DENSITY MAPS AND REFINED SCPD METHOD TO EXPLORE FOOD PRODUCTION SPREAD THROUGH THE CENTRAL AND WESTERN MEDITERRANEAN**

Diez Castillo, Agustín (Universitat de València - GRAM) - García Puchol, Oreto (Universitat de València - PREMEDOC) - Bernabeu Aubán, Joan (Universitat de València - PREMEDOC) - Pardo Gordó, Salvador (Departament de Prehistòria. Universitat Autònoma de Barcelona)

**11:45 DISCUSSION SLOT**

**12:00 COMBINATION OF DIFFERENT PROXIES FOR ESTIMATING DEMOGRAPHIC DEVELOPMENT IN THE TRANSITION TO THE BRONZE AGE ON THE IBERIAN PENINSULA**

Hinz, Martin - Kneisel, Jutta (Institut für Ur- und Frühgeschichte CAU Kiel) - Schirmmayer, Julien (Institut für Geowissenschaften CAU Kiel) - Weinelt, Mara (Graduiertenschule Human Development in Landscapes CAU Kiel)

**12:15 THE EMERGENCE OF MEGALITHISM IN PORTUGAL IN ACCORDANCE WITH 14C: AN INTERREGIONAL VIEW**

Pardo-Gordó, Salvador (Departament de Prehistòria. Universitat Autònoma de Barcelona) - Carvalho, António Faustino (Departamento de Artes e Humanidades, Universidade do Algarve)

**12:30 DISCUSSION SLOT**

**14:00 HUMAN ENVIRONMENTAL IMPACT AS PROXY FOR POPULATION DYNAMICS: A COMPARISON OF THE PALYNOLOGICAL AND SOIL EROSION RECORDS**

Feeser, Ingo (Institut fuer Ur- und Fruehgeschichte Kiel) - Dreibrodt, Stefan (Institut für Ökosystemforschung, CAU Kiel)

**14:15 CHRONOLOGY, DEMOGRAPHY AND IMMIGRATION IN IRELAND DURING THE LAST 1200 YEARS: INSIGHT FROM POPULATION GENETICS AND 'BIG DATA' ARCHAEOLOGY**

Byrne, Ross (Trinity College Dublin) - Hannah, Emma L. - McLaughlin, T. Rowan (Queen's University Belfast) - McLaughlin, Russell L. (Trinity College Dublin)

**14:30 DEMOGRAPHY AND DIRT: MODELLING POPULATION ON THE BASIS OF MATTER FLUXES WITHIN TELL-LIKE SETTLEMENTS**

Martini, Sarah (Institut fuer Ur- und Fruehgeschichte Kiel) - Dreibrodt, Stefan (Institute for Ecosystem Research University of Kiel)

**14:45 DISCUSSION SLOT**

## 633 ROCK ART AND THE SEA: THE SYMBOLS OF PREHISTORIC COASTAL SOCIETIES AND MARITIME INTERACTION IN EUROPE

ROOM: UB401

TIME: 11:00 - 15:00

THEME: The archaeology of material culture, bodies and landscapes

FORMAT: Regular session

ORGANISERS: Schulz Paulsson, Bettina (University of Gothenburg) - Dawson, Helen (Topoi Excellence cluster; Freie Universität Berlin) - Ling, Johan (University of Gothenburg; Swedish Rock Art Research Archives) - Mattioli, Tommaso (University of Barcelona, Dept. of History and Archaeology)

### ABSTRACTS

#### 11:00 SYMBOLIC IDENTITY AND MARITIME INTERCULTURAL EXCHANGE IN MEGALITHIC EUROPE (4500-2500 CAL BC)

Schulz Paulsson, Bettina (University of Gothenburg)

#### 11:15 FAR AWAY BUT CLOSE? SCHEMATIC ROCK ART AND NEOLITHIC SEABORNE CONNECTIONS IN THE CENTRAL-WESTERN MEDITERRANEAN

Dawson, Helen (Topoi Excellence Cluster, Freie Universität Berlin; Gerda Henkel Stiftung) - Mattioli, Tommaso (Prehistoria i Arqueologia, Facultat de Geografia i Historia, Universitat de Barcelona; ICREA) - Diaz-Andreu, Margarita (Prehistoria i Arqueologia, Facultat de Geografia i Historia, Universitat de Barcelona; ICREA)

#### 11:30 CONNECTING CIRCLES: THE CULTURAL TRANSMISSION OF ATLANTIC ROCK ART

Valdez-Tullett, Joana (Historic Environment Scotland; University of Southampton)

#### 11:45 DATING BACK THE SOUTH SCANDINAVIAN ROCK ART TRADITION TO THE NEOLITHIC

Iversen, Rune (University of Copenhagen) - Thorsen, Michael (Bornholm Museum)

#### 12:00 ROCK ART OF THE CYCLADES: AN OVERVIEW

Angliker, Erica (Institute of Classical Studies – School of Advanced Studies - University of London)

#### 12:15 BRONZE AGE AGRICULTURAL DEITIES IN PASTORAL ROCK ART: FROM MEDITERRANEAN TO CASPIAN COAST

Abdullayev, Rahman (Gobustan National Historical Artistic preserve; Azerbaijan Institute of Archaeology and Ethnography)

#### 12:30 PURSUING MEANING IN ROCK ART: A SEMIOTIC APPROACH TO BRONZE AGE VISUAL CULTURE AND ONTOLOGY

Lawrence, Joanna (Department of Archaeology, University of Cambridge)

#### 12:45 DISCUSSION SLOT

**14:00 TRAVEL, TRADE, WARFARE, ASTRONOMY, MYTHOLOGY, AND VISIONS: JIIMAN IN CANADIAN SHIELD ROCK ART**

Weaver, William (Laurentian University, Indigenous Studies; Ontario Archaeology Society) - Kujala, Kathryn (Ontario Archaeology Society)

**14:15 METAL TRADE AND MARITIME INTERACTION IN ATLANTIC EUROPE 1400/1300–900 BC**

Ling, Johan (SHFA)

**14:30 DISCUSSION SLOT**

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**634 LIVED ANCIENT RELIGION IN NORTH AFRICA**

ROOM: UB105

TIME: 11:00 - 13:00

THEME: The archaeology of material culture, bodies and landscapes

FORMAT: Regular session

ORGANISERS: Gasparini, Valentino (University Carlos III of Madrid) - Alvar Ezquerra, Jaime (University Carlos III of Madrid) - Mastino, Attilio (University of Sassari)

**ABSTRACTS**

**11:00 INTRODUCTION. THE LARNA PROJECT**

Gasparini, Valentino (Universidad Carlos III de Madrid)

**11:15 GOD, RITES AND INDIVIDUALS IN ROMAN AFRICA**

Sebaï, Meriem (Paris 1 Panthéon-Sorbonne)

**11:30 DEDICATORS – RIDERS – BEARDED MEN: INDIVIDUALS AND INDIVIDUALIZATION IN THE CULT OF SATURN**

Schörner, Günther (Institute of Classical Archaeology, University Vienna)

**11:45 NEPTUNE AUGUSTUS AND THE FONS THIGNICENSIS**

Mastino, Attilio (Università di Sassari - Scuola Archeologica Italiana di Cartagine)

**12:00 BEYOND THE OFFICIAL RELIGION. AFRICAN AND EASTERN CULTS AMONG THE CENTURIONS OF LEGIO III AUGUSTA**

Ortiz de Bruguera, Jorge (University of Salamanca)

**12:15 NEIGHBOURHOOD AND RELIGIOUS INTERACTION**

Alvar, Jaime (Universidad Carlos III de Madrid)

**12:30 DISCUSSION SLOT**

## 636 CONSERVATION ISSUES AND PREVENTIVE MEASURES IN OPEN-AIR ROCK ART SITES

ROOM: UB411

TIME: 14:00 - 17:30

THEME: Archaeology and the European Year of Cultural Heritage

FORMAT: Regular session

ORGANISERS: Domingo Sanz, Ines (ICREA; Universitat de Barcelona) - Marshall, Melissa (Nulungu Research Institute. The University of Notre Dame Australia) - Rodríguez, Irene (Universitat de Barcelona)

### ABSTRACTS

#### 14:00 TRIALS AND TRIBULATIONS OF ARTIFICIAL SILICON DRIPLINES IN KAKADU NATIONAL PARK, AUSTRALIA

Marshall, Melissa (Nulungu Research Institute, University of Notre Dame Australia) - O'Loughlin, Gabrielle - May, Kadeem - Lee, Jeffrey (Kakadu National Park)

#### 14:15 MURUJUGA: A CLASH OF CULTURES AND PRIORITIES PUTS AT RISK A SACRED LANDSCAPE

Mulvaney, Ken (Rio Tinto; University of Western Australia)

#### 14:30 DISCUSSION SLOT

#### 14:45 MULTIDISCIPLINARY AND INTEGRAL APPROACHES TO ROCK ART AS A STRATEGY FOR ROCK ART CONSERVATION: LA COVATINA SITE AS CASE STUDY

Domingo Sanz, Ines (ICREA; University of Barcelona / SERP) - Roman, Didac (University of Barcelona / SERP) - Zalbidea, M<sup>a</sup> Antonia (Universitat Politècnica de València) - Barreda, Gemma (Conservation and restoration consultant) - Lerma, José Luis (Universitat Politècnica de València) - Vendrell, Marius (University of Barcelona) - Ballester, Laura - Guillament, Eudald (Conservation and restoration consultant) - Rodríguez, Irene (University of Barcelona / SERP)

#### 15:00 PREVENTIVE ANALYSIS FOR THE CONSERVATION AND RESTORATION OF OUTDOOR ROCK PAINTINGS. BARRANCO DE LAS OLIVANAS (ALBARRACÍN, TERUEL)

Zalbidea, Maria Antonia (Polytechnic University of Valencia) - Rasque, Rosa (UPV)

#### 15:15 EVALUATING THERMAL-HYGROMETRIC DYNAMICS AT A LEVANTINE ROCK ART SITE: LA COVATINA (VILAFRANCA, CASTELLÓ)

Rodríguez Ruiz, Irene Mael (University of Barcelona / SERP) - Domingo Sanz, Inés (ICREA; University of Barcelona / SERP)

#### 15:30 DISCUSSION SLOT

#### 16:30 NANOPARTICULATE CONSOLIDATING MATERIALS OF INORGANIC ORIGIN BASED ON CALCIUM HYDROXIDE. TESTING OF MATERIALS FOR THE CONSOLIDATION OF THE COVA REMIGIA

Zalbidea, Maria Antonia (Polytechnic University of Valencia) - Barreda, Gemma (Diputació de Castelló. Servei de Restauració. Partida Penyeta Roja)

## 16:45 DOCUMENTING YUCATÁNS MAYA HERITAGE – RESCUE EXCAVATIONS AT CUEVA DE LA ESTRELLA

Nessel, Bianka (Department of Prehistory, Protohistory and Near Eastern Archaeology, Heidelberg University; Institute of Earth Science, Heidelberg University) - Hildenbrand, Anne - Austermann, Gregor (Institute of Earth Science, Heidelberg University) - Gómez Cobá, Maria Jose (Fundación Ajau, Grupo espeleológico/ bioarqueología en cuevas) - Rosario Tec Pool, Fátima (Fundación Ajau, Grupo espeleológico/expresión gráfico rupestre en cuevas) - Rojo, Roberto (Planetario Sayab Playa del Carmen / bioespeleología) - Avilés, Jerónimo (Instituto de la Prehistoria de América) - Lasés, Fernanda (Río Secreto) - Stinnesbeck, Sarah (Naturkundemuseum Karlsruhe) - Stinnesbeck, Wolfgang (Institute of Earth Science, Heidelberg University)

## 17:00 DISCUSSION SLOT

## 639 THE VALUE OF OBJECTS IN MEDIEVAL RURAL SETTLEMENT

ROOM: UB207

TIME: 14:00 - 18:30

THEME: The archaeology of material culture, bodies and landscapes

FORMAT: Regular session

ORGANISERS: Forward, Alice (Cardiff University) - Haggren, Georg (University of Helsinki) - Jervis, Ben (Cardiff University)



### ABSTRACTS

#### 14:00 OBJECTS FROM MEDIEVAL RURAL SETTLEMENTS: MORE THAN JUST NAILS?

Forward, Alice - Jervis, Ben (Cardiff University)

#### 14:15 THE CONSUMPTION OF EVERYDAY OBJECTS IN RURAL WESTERN NORWAY, C. AD 1100-1350

Nesset, Therese (University Museum of Bergen)

#### 14:30 WHAT DO THE FINDS FROM PETERSBORG REVEAL? SMALL FINDS FROM A DESERTED RURAL SETTLEMENT, 12TH – 14TH CENTURIES AD

Hartvig, Anders (Museum Sonderjylland)

#### 14:45 DISCUSSION SLOT

#### 15:00 TWO WORLDS APART? A COMPARISON OF MATERIAL CULTURE FROM URBAN AND RURAL MEDIEVAL HOUSEHOLDS IN DENMARK

Dahlström, Hanna (UrbNet, Aarhus University; Museum of Copenhagen)

#### 15:15 URBAN LIFESTYLE IN RURAL PERIPHERY? THE MATERIAL CULTURE OF MEDIEVAL COASTAL SETTLEMENTS IN FINLAND

Haggren, Georg (University of Helsinki)

**15:30 MEDIEVAL AND MODERN RURAL SETTLEMENT AND MATERIAL CULTURE IN THE GUADIANA RIVER VALLEY (PORTUGAL)**

Marques, João (Directorate General for Cultural Heritage - DGPC; CEAACP / Universidade de Coimbra)

**15:45 DISCUSSION SLOT**

**16:30 TORRE VELHA 1 (ALENTEJO, PORTUGAL), RURAL SETTLEMENT AND THE TRANSICION BETWEEN LATE ANTIQUITY AND THE ISLAMIC PERIOD: SOME CERAMIC CONTEXTS**

Nunes da Ponte, Teresa (CEAACP/FCT)

**16:45 CHARACTERIZATION OF THE CERAMIC PRODUCTIONS IN A RURAL MOZARABIC VILLAGE OF THE EARLY ISLAMIC PERIOD IN THE SOUTH OF AL-ANDALUS**

Martinez Alvarez, Cristina - Mattei, Luca (University of Granada)

**17:00 DETECTING RURAL SETTLEMENT COMPLEXITY**

Borake, Trine (Museum of Western Zealand; Aarhus University)

**17:15 DISCUSSION SLOT**

**17:30 BUCK(L)ING THE TREND? NATIONAL VERSUS REGIONAL TRENDS IN DRESS ACCESSORIES IN RURAL AREAS IN LATE MEDIEVAL ENGLAND**

Burnett, Laura (Portable Antiquities Scheme; South West Heritage Trust) - Webley, Robert (British Museum; University of York)

**17:45 VALUE OF MEDIEVAL DRESS ACCESSORIES FROM RURAL SETTLEMENTS. CENTRAL EUROPEAN PERSPECTIVE**

Sawicki, Jakub - Levá, Kateřina (AU - Institute of Archaeology of the Academy of Sciences of the Czech Republic)

**18:00 DISCUSSION SLOT**

**POSTERS**

**a. MEDIEVAL RURAL SITE RAZVILKA (CHRONOLOGY, STRATIGRAPHY, MATERIAL CULTURE)**

Chirkov, Maksim - Fatkov, Alexey - Anikin, Ilya - Polyakov, Fedor (Institute of Archaeology Russian Academy of Sciences)



## 646 WHAT'S THE USE? USING ARTEFACTS FOUND BY PRIVATE METAL DETECTING FOR RESEARCH, OUTREACH, AND EXHIBITION

ROOM: UB303

TIME: 8:30 - 12:00

THEME: The archaeology of material culture, bodies and landscapes

FORMAT: Regular session

ORGANISERS: Pentz, Peter (National Museum, Denmark) - Dobat, Andres (Aarhus University, Institut for Kultur og Samfund) - Lewis, Michael (The British Museum)

### ABSTRACTS

#### 8:30 **DECODING THE CODE: ENCOURAGING BEST PRACTICE AMONG METAL-DETECTOR USERS**

Lewis, Michael (British Museum; Portable Antiquities Scheme)

#### 8:45 **METAL DETECTING IN SOUTHERN NORWAY BETWEEN SERIOUS AMATEURS AND TREASURE HUNTERS**

Sajej, Ghattas (Vest-Agder County Council)

#### 9:00 **100 YEARS LATER: MATERIAL MEMORIES OF A PRISONER OF WAR CAMP IN CZERSK (POLAND) BETWEEN TREASURE HUNTING AND ARCHAEOLOGY**

Kobialka, Dawid (Institute of Archaeology and Ethnology Polish Academy of Sciences)

#### 9:15 **DISCUSSION SLOT**

#### 9:30 **METAL DETECTING AS PARTICIPATORY HERITAGE - ENGAGING AMATEUR DETECTORISTS IN FIND RECORDING, RESEARCH AND EXHIBITION**

Dobat, Andres (Department of Archaeology, Aarhus University)

#### 9:45 **VIKING VIRTUAL REALITY: INSIDE THE GREAT ARMY'S WINTER CAMP**

Hadley, Dawn - Richards, Julian - Murphy, Damian (University of York) - Beale, Gareth (University of Glasgow) - Beale, Nicole - Schofield, Guy - Hook, Jonathan (University of York)

#### 10:00 **DISCUSSION SLOT**

#### 11:00 **CULTURAL HERITAGE WITHOUT CONTEXT? A BROAD DISTRIBUTION ANALYSIS OF METAL-DETECTING FINDS IN NORWAY**

Axelsen, Irmelin (Museum of Cultural History, University of Oslo)

#### 11:15 **ROSE-COLOURED GLASSES; ARCHAEOLOGISTS, METAL-DETECTORISTS AND TREASURE-HUNTING FORUMS**

Beaulieu, Kiara (University of Birmingham)

#### 11:30 **DISCUSSION SLOT**

**b. A TIGER ON THE PLOUGH-FIELD**

Szabó, Dénes (Ópusztaszer National Heritage Park)

**653 BEYOND THE STEREOTYPE - THE DIVERSITY OF BEAKER BURIALS**

**ROOM:** UB306

**TIME:** 8:30 - 16:00

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** McVeigh, Thor (National University of Ireland Galway) - Jones, Carleton (National University of Ireland Galway) - Ó Maoldúin, Ros (National University of Ireland Galway; The Irish Fieldschool of Prehistoric Archaeology) - Scholma-Mason, Owain (Independent Researcher; University of Edinburgh)

**ABSTRACTS****8:30 SESSION INTRODUCTION: BEYOND THE STEREOTYPE - THE DIVERSITY OF BEAKER BURIALS**

McVeigh, Thor (National University of Ireland Galway)

**8:45 BEAKERLESS BEAKER BURIALS AND OTHER REGIONAL BURIAL PRACTICES IN MID-THIRD MILLENNIUM IRELAND**

O Maolduin, Ros (The Irish Fieldschool of Prehistoric Archaeology; IT Sligo; NUI Galway) - Jones, Carleton (NUI Galway)

**9:00 SPERM-WHALE V-PERFORATED BUTTONS FROM GALERIA DA CISTERNA (ALMONDA KARST SYSTEM, POTUGAL)**

Zilhao, Joao (Univ de Barcelona, Fac de Geografia i Historia; UNIAHQ - Centro de Arqueologia da Universidade de Lisboa) - Monge Soares, António - Pereira Gonçalves, António (Campus Tecnológico e Nuclear, Instituto Superior Técnico, Universidade de Lisboa)

**9:15 BEYOND THE BURIAL VASE, THE PERSONAE? NETWORK ANALYSIS OF BELL BEAKER DECORATION DIVERSITY IN CAMINO DE LAS YESERAS (MADRID, SPAIN)**

Caraglio, Agnès (Lampea - UMR 7269, Aix Marseille Université; Departamento de Prehistoria y Arqueologia - Universidad Autonoma de Madrid) - Rios Mendoza, Patricia - von Lettow-Vorbeck, Corina (Departamento de Prehistoria y Arqueologia - Universidad Autonoma de Madrid)

**9:30 BELL BEAKER FUNERAL PRACTICES IN THE SOUTHERN PLAIN OF THE UPPER RHINE**

Vergnaud, Luc (ANTEA Archéologie; UMR 7044 Archimède) - Roth-Zehner, Muriel (Archéologie Alsace; UMR 7044 Archimède)

**9:45 'ADDING INSULT TO INJURY': VIOLENT DEATH FOLLOWED BY GRAVE ROBBING OF A BEAKER BURIAL AT KNOWLE HILL FARM, DORSET, UK**

Delbarre, Gabrielle (Bournemouth University) - Pollard, Joshua (University of Southampton) - Green, Martin (Down Farm Museum, Dorset) - Smith, Martin - Allen, Michael (Bournemouth University) - Endicott, Phillip (Musée de l'Homme, Paris)

**10:00 (RE)DISCOVERING AVA: THE IDENTITY OF A FEMALE BEAKER BURIAL FROM ACHAVANICH, CAITHNESS, SCOTLAND**

Hoole, Maya (HES Historic Environment Scotland)

**10:15 DISCUSSION SLOT**

**11:00 ARE WE DOING THE SAME THING? TRAJECTORIES OF BEAKER USE IN THE SCOTTISH HIGHLANDS**

Scholma-Mason, Owain (Independent Researcher)

**11:15 BELL BEAKER BURIAL CUSTOMS IN NORTHWEST FRANCE**

Favrel, Quentin (UMR 8215 Trajectoires; Université Paris 1 Panthéon-Sorbonne) - Nicolas, Clément (UMR 8215 Trajectoires)

**11:30 KEEPING UP APPEARANCES: THE ROLE OF SOCIAL FRONTS IN BELL BEAKER EUROPE**

Wentink, Karsten (Leiden University)

**11:45 QUINTESSENTIAL AND TYPICAL OR ECCENTRIC AND UNORTHODOX? RETHINKING BEAKER BURIAL PRACTICES IN SOUTHERN BRITAIN**

Gibson, Catriona (University of Reading)

**12:00 DISENTANGLING DIVERSITY: ATYPICAL BRITISH BEAKER BURIALS IN THEIR EUROPEAN CONTEXT**

Bloxam, Anna (University College London)

**12:15 BEAKER-ASSOCIATED BURIAL ACTIVITY AND IDENTITY CONSTRUCTION FROM AN IRISH PERSPECTIVE**

Carlin, Neil (University College Dublin)

**12:30 DISCUSSION SLOT**

**14:00 THE BEAKER PEOPLE PROJECT - AN OVERVIEW**

Montgomery, Janet (Durham University) - Sheridan, Alison (National Museums Scotland)

**14:15 WOMEN AND MEN IN BELL BEAKER FUNERARY CONTEXTS: CHALLENGING GENDER PATTERNS' INTERPRETATION THROUGH RITUAL PROCESSES**

Bailly, Maxence (Aix-Marseille Université)

**14:30 'EXTRAORDINARY' BELL BEAKER BURIALS FROM THE NETHERLANDS**

Drenth, Erik (BAAC)

**14:45 THE PLACE OF THE BELL BEAKER TRADITION IN THE BURIAL PRACTICES OF THE NORTH EUROPEAN LOWLANDS**

Czebreszuk, Janusz (Adam Mickiewicz University, Poznań) - Mueller, Johannes (Christian Albrechts University, Kiel) - Szmyt, Marzena (Adam Mickiewicz University, Poznań) - Matuszewska, Agnieszka (University of Szczecin) - Teska, Sebastian - Jaeger, Mateusz (Adam Mickiewicz University, Poznań) - Bock, Annalena (Christian Albrechts University, Kiel) - Ławniczak, Marcin (Adam Mickiewicz University, Poznań) - Raese, Hendrik (Christian Albrechts University, Kiel)

**15:00 VARIABILITY OF BURIAL RITES AND BEAKER COSMOLOGY**

Turek, Jan (Institute of Archaeology, Czech Academy of Sciences, Prague)

**15:15 DISCUSSION SLOT**

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**660 ENGAGING THE PUBLIC. THE IMPACT OF VOLUNTEERS IN ARCHAEOLOGICAL OUTREACH**

**ROOM:** UB102

**TIME:** 8:30 - 10:30

**THEME:** Museums and the challenges of archaeological outreach in the 21st century

**FORMAT:** Session with presentations of 6 slides in 6 minute

**ORGANISERS:** Woltering, Marjolein (ArcheoHotspots) - Veldman, Anouk (Huis van Hilde) - Jennings, David (York Archaeological Trust) - Høst-Madsen, Lene (Museum Skanderborg)

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**ABSTRACTS**

**8:30 TOWARDS A PROFESSIONAL ARCHAEOLOGY: PUBLIC ARCHAEOLOGY IS MORE THAN TO LET VOLUNTEERS PLAY ARCHAEOLOGISTS!**

Kars, Eva - Vanderhoeven, Timo (EARTH Integrated Archaeology B.V.)

**8:36 COMMUNITY ARCHAEOLOGY AS PART OF THE ROUTINE? VOLUNTARY ENGAGEMENT AS A KEY ELEMENT IN THE DEMOCRATIZATION OF MALTA ARCHAEOLOGY**

Deckers, Pieterjan (Department of History, Archaeology, Art, Philosophy and Ethics, Vrije Universiteit Brussel; Centre for Urban Network Evolutions - UrbNet, School of Culture and Society, Aarhus University) - Marchal, Clémence - Tys, Dries (Department of History, Archaeology, Art, Philosophy and Ethics, Vrije Universiteit Brussel)

**8:42 NOTHING IS AS IT SEEMS: A VALUE-ORIENTED APPROACH FOR THE PARTICIPATION OF VOLUNTEERS IN ITALIAN ARCHAEOLOGICAL OUTREACH**

Ripanti, Francesco (University of Pisa)

**8:48 DREAMS COME TRUE WHEN DOING ARCHAEOLOGY**

Johnston, Helen (Thames Discovery Programme, MOLLA)

**8:54 DISCUSSION SLOT**

- 9:10 THE IMPORTANCE OF COMMUNITY ENGAGEMENT IN RECORDING AND MONITORING COASTAL HERITAGE AT RISK**  
Kearns, Therese - Hutchinson, Oliver (CITiZAN, Museum of London Archaeology)
- 9:16 THE VALUE OF VOLUNTEERS IN COLLABORATIVE RESEARCH AND RESOURCE MANAGEMENT: AN EXAMPLE FROM COASTAL HERITAGE AT RISK IN SCOTLAND**  
Hambly, Joanna - Dawson, Tom - Graham, Ellie (University of St Andrews; The SCAPE Trust)
- 9:22 DIGGING THE ORIGINS OF SURIA WITH VOLUNTEERS: THE GUIXERES SUMMER CAMP**  
Belmonte, Cristina (iPAT Serveis Culturals)
- 9:28 ARCHEOHOTSPOTS: A NEW CONCEPT OF PARTICIPATORY ARCHAEOLOGY**  
Woltering, Marjolein (ArcheoHotspots)
- 9:34 DISCUSSION SLOT**
- 9:50 HUIS VAN HILDE; HILDES HOME FOR / BY VOLUNTEERS**  
Veldman, Anouk (NMF Huis van Hilde)
- 9:56 ARCHAEOLOGICAL OUTREACH AND THE ROLE OF VOLUNTEERS IN JAPAN**  
Bausch, Ilona (Sainsbury Institute for Japanese Arts and Cultures)
- 10:02 WHEN CO-CREATION CREATES IDENTITY - ESCAPE AND PUBLIC OUTREACH**  
Mollerup, Lene - Høst-Madsen, Lene (Museum Skanderborg) - Bangsbo Dissing, Nina (Skanderborg Kommune) - Purup, Marianne (Visit Skanderborg)
- 10:08 DISCUSSION SLOT**

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## 663 ARCHAEOLOGICAL DATA CLINIC. PERSONALISED CONSULTING TO GET THE BEST OF YOUR DATA

**ROOM:** UB105

**TIME:** 8:30 - 10:30

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Other - workshop

**ORGANISERS:** Prignano, Luce (University of Barcelona; UBICS - Universitat de Barcelona Institute of Complex Systems) - Romanowska, Iza (BSC - Barcelona Supercomputing Center) - Lozano, Sergi (IPHES - Institut Català de Paleoecologia Humana i Evolució Social) - Fulminante, Francesca (University Roma Tre; Durham University; Cambridge University) - Witcher, Rob (Durham University) - Brughmans, Tom (Oxford University)

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### ABSTRACTS

- 8:30 ANALYSING TEMPORAL SERIES: FROM AMB OUTCOMES TO THE RADIOCARBON RECORD**  
Cucart-Mora, Carolina (Institut Català de Paleoecologia Humana i Evolució Social)

**8:45 ROUTING ANCIENT MARITIME BEHAVIORS. SHORTCOMINGS AND CHALLENGES IN PREDICTIVE MODELLING**

Ritondale, Manuela (University of Groningen; IMT School for Advanced Studies Lucca)

**9:00 POTENTIALITY OF SIMULATIONS TO INVESTIGATE ANCIENT AGRICULTURE AND SETTLEMENT PATTERNS IN NORTHERN ESTONIA**

Kimber, Andres (University of Tartu)

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**671 THERE IS MORE THAN MEETS THE EYE: UNVEILING THE HISTORIES OF ARCHAEOLOGICAL COLLECTIONS**

**ROOM:** UB210

**TIME:** 8:30 - 18:30

**THEME:** Museums and the challenges of archaeological outreach in the 21st century

**FORMAT:** Regular session

**ORGANISERS:** Coltofean, Laura (Brukenthal National Museum, Sibiu) - Mihajlović, Vladimir V. (Institute for Balkan Studies SASA, Belgrade) - Gustavsson, Anna (University of Gothenburg)

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**ABSTRACTS**

**8:30 GIFTS OF THE NILE - TRANSNATIONALISM, ARCHAEOLOGY AND COLD WAR POLITICS AT THE VICTORIA MUSEUM IN SWEDEN**

Berg, Ingrid (Stockholm University)

**8:45 THE IRON AGE ABROAD: COLLECTIONS FROM THE SITE OF LA TÈNE IN US MUSEUMS**

Arnold, Bettina - Kubicek, Richard - Hruby, Thomas (University of Wisconsin Milwaukee)

**9:00 COLLECTION OF DUCHESS CZARTORYSKA IN PUŁAWY (POLAND) - ITS HISTORY, CONTENT AND IMPACT ON POLISH CULTURE**

Rekowska, Monika (University of Warsaw, Institute of Archaeology)

**9:15 OBJECT HABITS: TRANSCULTURED COLLECTIONS FROM BRITISH EXCAVATIONS IN EGYPT**

Stevenson, Alice (UCL)

**9:30 THE LEGACY OF COURLAND PROVINCE MUSEUM**

Broka-Lace, Zenta (Institute of Latvian History, University of Latvia)

**9:45 THE UNWANTED HERITAGE OR THE TASTY BITE? HISTORY OF ARCHAEOLOGICAL COLLECTIONS IN WEST POMERANIA, NW POLAND, AFTER WW2 (UNTIL 1989)**

Migdalski, Pawel (University of Szczecin)

**10:00 DISCUSSION SLOT**

**11:00 SEXOLOGISTS AS COLLECTORS OF ARCHAEOLOGICAL EROTICA IN THE LATE NINETEENTH AND TWENTIETH CENTURY**

Grove, Jen (University of Exeter)

**11:15 CYCLES OF (S)ELECTION: FROM COLLECTING TO EXHIBITING**

Cvjeticanin, Tatjana (National Museum in Belgrade) - Babic, Stasa (Faculty of Philosophy, University of Belgrade)

**11:30 TWO COLLECTIONS AND TWO GREEK OBSESSIONS**

Palavestra, Aleksandar (University of Belgrade, Faculty of Philosophy)

**11:45 THE DEVELOPMENT OF ARCHAEOLOGICAL COLLECTIONS IN MALTA IN THE EARLY 1900S - SIR THEMISTOCLES ZAMMIT AND HIS LEGACY**

Sultana, Sharon (Heritage Malta)

**12:00 SAME COLLECTION, DIFFERENT ATTITUDES: THE SCIENTIFIC INTEREST RAISED BY ZSÓFIA TORMA'S ARCHAEOLOGICAL COLLECTION**

Coltofean, Laura (Brukenthal National Museum, Sibiu)

**12:15 NATIONAL COLLECTIONS AND KNOWLEDGE EXCHANGE BETWEEN SCANDINAVIA AND ITALY IN THE LATE 19TH CENTURY**

Gustavsson, Anna (Dep of Historical Studies, Gothenburg University)

**12:30 DISCUSSION SLOT**

**14:00 THE GYANTSE MONASTERY BONE APRON: A SACRED JOURNEY FROM TIBET TO A NORFOLK MUSEUM**

Morrison, Wendelin (Bournemouth University)

**14:15 THE AGAMEMNON MASK – THE GREAT HISTORY TRANSFORMED TO THE CONTEMPORARY WORLD**

Dudlik, Katarzyna (Adam Mickiewicz University)

**14:30 SOLICITATION AND SALES OF CASTED OBJECTS: CASE STUDY OF A LATE-19TH CENTURY CRETAN CIRCULAR FOR ARCHAEOLOGICAL REPLICAS**

Genova, Aimee (University of Chicago; American School of Classical Studies at Athens)

**14:45 FROM THE MUSEUM BACK TO THE COLLECTION: THE EXAMPLE OF THE ANTIQUITIES COLLECTION OF VILLA WOLKONSKY IN ROME**

Bucolo, Raffaella (Università degli Studi di Roma Sapienza; British School at Rome)

**15:00 WILLIAM THE SECOND EARL OF LONSDALE'S COLLECTION OF ANCIENT SCULPTURE**

Fadda, Salvatore (Università degli studi di Sassari)

**15:15 MECKLENBURG COLLECTION: TOO LARGE TO BE CONSIDERED**

Novakovic, Predrag (University of Ljubljana)

**15:30 DISCUSSION SLOT**

**16:30 A MARITIME COLLECTION SAILING TOWARDS THE FUTURE**

Heamagi, Christin (Maritime Archaeology Trust; Shipwreck Centre and Maritime Museum)

**16:45 UNVEILING THE “CHERNAYA MOGILA” (“BLACK MOUND”) COMPLEX: PAST DEVELOPMENTS AND NEW FINDS**

Murasheva, Veronika - Zozulia, Sergey - Shevtsov, Alexey (State Historical Museum, Moscow) - Yatsishina, Ekaterina (National Research Center «Kurchatov Institute») - Kashkarov, Pavel (National Research Center «Kurchatov Institute»; Moscow Institute of physics and technology) - Tereschenko, Elena (National Research Center «Kurchatov Institute»; FSRC «Crystallography and Photonics» RAS) - Loboda, Anastasiya (National Research Center «Kurchatov Institute»)

**17:00 PHOTOGRAPHY AND ARCHAEOLOGICAL COLLECTIONS: DOCUMENTING AND ARCHIVING TREASURES OF THE PAST**

Cetin, Seyda (Koc University's Research Center for Anatolian Civilizations)

**17:15 THE HARLYN BAY COLLECTION: REDISCOVERING CORNWALL'S LARGEST IRON AGE CEMETERY**

Jordan, Alexis (University of Wisconsin-Milwaukee)

**17:30 THE GRAVITATE PLATFORM - A NEW WAY TO APPROACH AND STUDY DISPERSED COLLECTIONS OF CULTURAL OBJECTS**

Polig, Martina (STARC) - Hermon, Sorin - Vassallo, Valentina - Sorrentino, Giusi (STARC, the Cyprus Institute) - Modafferi, Stefano (IT-Innovation)

**17:45 GIS AND THE CURATING OF COLLECTIONS ACCESSING KNOWLEDGE AND EXPANDING INTERACTION**

Villajos, Santiago (Madrid Autonomous University; Alumnus, University College London)

**18:00 DISCUSSION SLOT**

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**678 EXPLORING FUTURE METHODS FOR UNDERSTANDING THE PAST WITHIN LARGE SCALE INFRASTRUCTURE PROJECTS**

**ROOM:** UB205

**TIME:** 8:30 - 10:30

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Regular session

**ORGANISERS:** Wass, Helen (High Speed Two Limited) - Swan, Ronan (Transport Infrastructure Ireland)

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**ABSTRACTS**

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**8:30 QUESTION LED APPROACHES TO THE ARCHAEOLOGY OF LARGE SCALE INFRASTRUCTURE: THE HS2 HISTORIC ENVIRONMENT RESEARCH AND DELIVERY STRATEGY, UK**

Halsted, John (High Speed Two Limited)



- 8:45 THE FORGOTTEN GRAVEYARD: EXCAVATIONS AT RANELAGH, CO. ROSCOMMON AND THE RANELAGH OSTEOARCHAEOLOGY PROJECT**  
Delaney, Shane (IAC Ltd) - Murphy, Eileen (QUB)
- 9:00 GO EAST! LARGE SCALE INFRASTRUCTURE PROJECTS - AN EASTERN PERSPECTIVE. HIGHWAY D4R7 IN SLOVAKIA**  
Zitnan, Andrej (Private Company VIA MAGNA, ltd)
- 9:15 WAR, DISEASE AND INDUSTRY**  
Dennehy, Emer (Transport Infrastructure Ireland)
- 9:30 DEFINING THE PALAEOENVIRONMENTAL RESOURCE AND ASSESSING OPPORTUNITIES FOR INVESTIGATION DURING MAJOR INFRASTRUCTURE PROJECTS: THE APPROACH TAKEN BY HS2**  
Howard, Andrew (Landscape Research & Management) - Hopla, Emma-Jayne - Halsted, John (HS2 Ltd) - Williams, Jim (Historic England)
- 9:45 RESEARCH PERSPECTIVES ON DATA FROM INFRASTRUCTURAL SCHEMES IN IRELAND**  
Becker, Katharina (Department of Archaeology, University College Cork) - Eogan, James (TII) - McClatchie, Meriel (University College Dublin) - Ltd., TVAS (TVAS Ltd) - Hegarty, Susan (Dublin City University)
- 10:00 DISCUSSION SLOT**

## 686 SILVER, STATUS AND SOCIETY - TRANSITION FROM LATE ROMAN TO EARLY MEDIEVAL EUROPE

**ROOM:** UB212

**TIME:** 16:30 - 18:30

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Goldberg, Martin (National Museums Scotland) - Rau, Andreas (Stiftung Schleswig-Holsteinische Landesmuseen Schloss Gottorf)



### ABSTRACTS

- 16:30 THE FATE OF ROMAN AND SASANIAN SILVER PLATE IN LATE ANTIQUITY**  
Hobbs, Richard (The British Museum)
- 16:45 THE ROLE OF SILVER COINS IN THE TRANSITION PERIOD**  
Bursche, Aleksander - Dymowski, Arkadiusz - Myzgin, Kyrilo - Więcek, Tomasz (University of Warsaw)
- 17:00 PRE-VIKING AGE HACKSILBER HOARDS IN SCANDINAVIA - A VALUING OF INTERPRETATIONS**  
Rau, Andreas (Centre for Baltic and Scandinavian Archaeology)

- 17:15 SILVER, STATUS AND SOCIETY IN THE TRANSITION FROM LATE ROMAN TO EARLY MEDIEVAL NORTHERN BRITAIN**  
Goldberg, Martin (National Museums Scotland)
- 17:30 RETHINKING SCEATTA'S AND THE ECONOMY OF NORTHWESTERN EUROPE IN THE 8TH CENTURY**  
Theuws, Frans (Leiden University)
- 17:45 THE FLOW OF SILVER IN THE EARLY MEDIEVAL BALTIC REGION — PROVENANCE DETERMINATION OF DIRHAMS, PERM'/GLAZOV AND DUESMINDE RINGS**  
Hrnjic, Mahir (Centre for Urban Network Evolutions - UrbNet)
- 18:00 SILVER FROM HOARDS OF VI-VII CC FROM EUROPEAN RUSSIA: THE RESULTS OF PB-PB ISOTOPE ANALYSIS**  
Saprykina, Irina (Institute of Archaeology Russian Academy of Sciences)
- 18:15 DISCUSSION SLOT**

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## 688 “THE HEAD AND THE HAND”: SKILLS, LEARNING AND KNOWLEDGE IN PREHISTORIC PRODUCTIONS

**ROOM:** UB308

**TIME:** 8:30 - 15:30

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Forte, Vanessa (McDonald Institute for Archaeological Research, Cambridge University) - Zupancich, Andrea (DANTE Laboratory, Department of Oral and Maxillo Facial Sciences, Sapienza University)

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### ABSTRACTS

- 8:30 THE CULTURAL TRANSMISSION OF STONE TOOL TECHNOLOGY AS A WINDOW TO PALAEOLITHIC COGNITION**  
Stade, Cory (University of Southampton)
- 8:45 IDENTIFYING THE IDENTITY**  
Baysal, Adnan (Trakya University)
- 9:00 BIFACIAL SKILLS: WHICH KIND OF KNOWLEDGE IS NEEDED?**  
Castañeda, Nuria - Torres, Concepción (Universidad Autonoma de Madrid; Experimental Archaeology Laboratory - LAEX)
- 9:15 DISCUSSION SLOT**
- 9:30 PERFECTION IN LITHIC PRODUCTION: EXAMPLE OF NEOLITHIC GOUGES (CENTRAL SUDAN)**  
Kapustka, Katarína (AU - Institute of Archaeology of the Academy of Sciences of the Czech Republic)

**9:45 MATTER-DISCOURSE-MOVEMENT: MAKING, SHARING, AND LOCATING MEANING IN PREHISTORY**

Govier, Eloise (University of Wales Trinity Saint David)

**10:00 MORE THAN A POT SHERD: NEOLITHIC ÇATALHÖYÜK**

Tarkan, Duygu (Koç University - Research Center for Anatolian Civilizations - ANAMED)

**10:15 BEYOND MOTOR-SKILL: CONSIDERING SKILL AS KNOWLEDGE OF LANDSCAPE, RHYTHM, AND PROCESS**

Michelaki, Kostalena (Arizona State University) - Braun, Gregory V. (University of Toronto) - Hancock, Ronald G.V. (McMaster University)

**11:00 THE HAND, THE SIGHT, AND THE HEAD. TOWARDS AN ARCHAEOLOGY OF VISUAL COGNITION**

Criado-Boado, Felipe (Institute of Heritage Sciences - Incipit, CSIC) - Martínez, Luis (Institute of Neurosciences - IN, CSIC)

**11:15 DISCUSSION SLOT**

**11:30 THE CRAFT OF PREHISTORIC COLOURS. WHITE AND RED ON EARLY ENEOLITHIC POTTERY FROM SOUTHERN ROMANIA**

Opris, Vasile (Bucharest Municipality Museum) - Simion, Corina - Mirea, Dragos - Cozac, Mihaela - Ilie, Maria Valentina (Horia Hulubei National Institute for Physics and Nuclear Engineering)

**11:45 SPECIALIZED CRAFT SKILLS AND VARIABILITY OF FINISHED PRODUCTS: A CONUNDRUM FOR EXPLAINING SOUTHERN LEVANT CHALCOLITHIC WHEEL SHAPED BOWLS**

Roux, Valentine (Maison de l'Archeologie et de l'Ethnologie) - Haruch, Ortal (Hebrew University of Jerusalem)

**12:00 CRAFT IDENTITIES IN COPPER AGE COMMUNITIES: RESULTS FROM A MULTIDISCIPLINARY APPROACH TO THE POTTERY PRODUCTION OF CENTRAL ITALY**

Forte, Vanessa (McDonald Institute for Archaeological Research, University of Cambridge)

**12:15 DISCUSSION SLOT**

**12:30 SIGNATURE STYLES OF THE EURASIAN STEPPE LATE BRONZE AGE GOLDSMITHS: 'LIFE STORY' OF SILVER SPEARHEADS FROM THE BORODINO HOARD**

Shishlina, Natalia Ivanova (Archaeological Department) - Loboda, Anastasiya (Reseracher)

**12:45 PITHOI ON THE WHEEL: THE SHARE OF A NEW TECHNOLOGY IN LBA CENTRAL MEDITERRANEAN**

Porta, Francesca (La Sapienza-Università di Roma; Ghent University)

**14:00 EVERY POT HAS ITS POTTER - PERSONAL STYLE IN ANTIQUITY**

Harush, Ortal (The Hebrew University of Jerusalem)

**14:15 A SERIES OF REFLECTIONS ON NOMADIC LEATHER AND TEXTILE PRODUCTIONS IN THE 1ST MILLENNIUM BC**

Busova, Varvara (Institute for the History of Material Culture, RAS)

**14:30 GESTURES OF CHANGE: CULTURAL TRANSMISSION AND THE MESOLITHIC-NEOLITHIC TRANSITION IN THE BALKANS**

Cristiani, Emanuela (University of Rome La Sapienza) - Boric, Dusan (Columbia University)

**14:45 DISCUSSION SLOT****694 PREVENTIVE CONSERVATION AND VALORIZATION OF ARCHAEOLOGICAL HERITAGE: OPEN ISSUES AND BEST PRACTICES**

ROOM: UB405

TIME: 8:30 - 13:00

THEME: Archaeology and the European Year of Cultural Heritage

FORMAT: Regular session

ORGANISERS: López Prat, Mònica (University of Barcelona; Dept. Conservation and restoration; Polytechnic University of Valencia; Dept. Conservation and restoration) - Mantellini, Simone (University of Bologna) - Font Pagès, Lúdia (History Museum of Barcelona)

**ABSTRACTS****8:30 CONSERVING THE CITY UNDER THE CITY: ARCHAEOLOGICAL SITE OF PLAÇA DEL REI IN BARCELONA**

Pagès, Lúdia - Puerto, Carla - Lázaro, Anna - Beltran de Heredia, Julia (Barcelona History Museum)

**8:45 THE JOINT WORK OF ARCHAEOLOGISTS AND CONSERVATORS AT EL BORN CCM ARCHAEOLOGICAL SITE IN BARCELONA: AN EXAMPLE OF COOPERATION OVER TIME**

Fernandez Espinosa, Antoni (Freelance Archaeologist) - Bort Tena, Eugènia (El Born CCM. Ajuntament de Barcelona)

**9:00 THE CONSERVATION OF ARCHEOLOGICAL REMAINS UNDER THE REFORM OF SANT ANTONI MARKET OF BARCELONA**

Gamarra, Agustín (Archaeological conservation-restoration) - Hinojo, Emiliano (Archeologist)

**9:15 URBAN ARCHAEOLOGY - A LITTLE CHAPEL AND THE TRAMWAY IN LUXEMBOURG-CITY**

Colling, Cynthia (CNRA - Centre National de Recherche Archeologique)

**9:30 STUMBLING IN THE UPSIDE DOWN. EXPERIENCES OF MUSEALIZATION AND ENHANCEMENT OF ARCHAEOLOGICAL ITALIAN METRO STATIONS**

D'Eredità, Astrid (High Institute for Conservation and Restoration - ISCR MiBACT)

**9:45 ARCHAEOLOGISTS AND CONSERVATOR-RESTORERS, A NECESSARY COLLABORATION. TWO EXAMPLES FROM CATALONIA**

Bertral, Anna (Institut Català d'Arqueologia Clàssica)

**10:00 THE ROLE OF SERVICE OF ARCHAEOLOGY AND PALEONTOLOGY ABOUT PREVENTIVE CONSERVATION AND VALORIZATION OF ARCHAEOLOGICAL HERITAGE IN CATALONIA**

Miró Alaix, Maria Teresa (Servei d'Arqueologia i Paleontologia, Generalitat de Catalunya)

**10:15 DISCUSSION SLOT**

**11:00 ARCHAEOLOGICAL SITES BETWEEN CONSERVATION AND OPPORTUNITY FOR LOCAL DEVELOPMENT: KAFIR KALA IN THE SAMARKAND REGION (UZBEKISTAN)**

Mantellini, Simone (University of Bologna) - Pipan, Tommaso (University College London UCL) - Berdimuradov, Amriddin (Institute of Archaeology, Academy of Sciences of Uzbekistan)

**11:15 CONSERVATION AND RESTORATION IN ABASSEYA B SITE (KARIMA, SUDAN)**

Domínguez, Margarita - Alcobe, Margarita - Bermejo, Eva (conservador restaurador)

**11:30 PROJECT LA BASTIDA (TOTANA, MURCIA). EFFICIENT DRAINAGE AS A PREVENTIVE CONSERVATION STRATEGY IN STEEP SLOPE ARCHAEOLOGICAL SITES**

Escanilla, Nicolau (Universitat Autònoma de Barcelona-ASOME) - Escalas-Vallespir, Maria Magdalena (Independent Curator)

**11:45 THE SISSI ARCHAEOLOGICAL CONSERVATION PROGRAM (CRETE) – TOWARDS A DIGITAL TOOL FOR A STRONGER SYNERGY BETWEEN ARCHAEOLOGY, PRESERVATION AND PRESENTATION**

Claeys, Thérèse (UCL)

**12:00 CONSERVATION OF EARTHEN ARCHAEOLOGICAL SITES WITH DECORATED SURFACES**

López Prat, Mònica (University of Barcelona; Dept. Conservation and restoration; Polytechnic University of Valencia; Dept. Conservation and restoration)

**12:15 DISCUSSION SLOT**

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**696 RE-THINKING “INTERACTION” IN IRON AGE EUROPE: COMPARING RESEARCH TRADITIONS TO EXPLORE ALTERNATIVE WAYS TO INTERPRET ARCHAEOLOGICAL DATA**

**ROOM:** UB405

**TIME:** 14:00 - 18:30

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Saccoccio, Fabio (University of Nottingham, Department of Classics and Archaeology) - Bernard, Loup (Université de Strasbourg CNRS UMR 7044 ArcHiMedE) - Danielisova, Alzbeta (Institute of Archaeology CAS, Prague) - Fogliazza, Silvia (Université Paris Nanterre, Ecole Doctorale “Milieux, cultures et sociétés du passé et du présent”) - Vecchi, Elisa (University of Nottingham, Department of Classics and Archaeology) - Zamboni, Lorenzo (University of Pavia, Department of Humanities)

- 14:00 THINKING ABOUT INTERACTION: TRADE, COLONISATION AND SOCIAL CHANGE**  
Pearce, Mark (Department of Classics and Archaeology, University of Nottingham)
- 14:15 FROM THE BALTIC TO THE MEDITERRANEAN: ANCIENT LIGURIA AND THE AMBER EXCHANGE NETWORK**  
Vecchi, Elisa (University of Nottingham)
- 14:30 PAINT IT BLACK (AND RED)! RETHINKING IRON AGE INTERACTION BETWEEN THE CENTRAL PO PLAIN AND THE EASTERN ADRIATIC COAST**  
Saccoccio, Fabio (University of Nottingham, Department of Classics and Archaeology) - Zamboni, Lorenzo (University of Pavia, Department of Humanities)
- 14:45 CERAMICS IN IRON AGE THRACE: AN OVERVIEW OF TRADITIONAL AND INNOVATIVE APPROACHES IN INTERACTION STUDIES**  
Hart, Ashlee (University at Buffalo, SUNY)
- 15:00 THRACIAN-GREEK INTERACTIONS: POST-COLONIAL PERSPECTIVES ON AEGEAN IMPORTS IN THE BALKANS**  
Dimova, Bela (University of Cambridge)
- 15:15 BLURRED LINES: TRIBAL IDENTITIES AND MATERIAL INTERACTIONS BETWEEN NORTHERN THRACIANS AND SCYTHIANS**  
Crystal, Donald (Cardiff University)
- 15:30 CHANGES OF MORTUARY PRACTICES IN THE IRON AGE OF THE CENTRAL BALKAN REGION**  
Kuzmanovic, Zorica (Faculty of Philosophy, Department of Archaeology)
- 15:45 WER BIN ICH? UND WENN JA, WIE VIELE?**  
Scheffler, Sarah (University of Leicester)
- 16:30 PATHOLOGIES DURING THE IRON AGE - A COMPARATIVE STUDY OF HUMAN REMAINS FROM SWITZERLAND**  
Moghaddam, Negahnaz (Unit of Forensic imaging and Anthropology, University Center of Legal Medicine - CURML, University Hospitals Lausanne-Geneva; Department of Physical Anthropology, Institute of Forensic Medicine, University of Bern) - Arenz, Gabriele (Department of Physical Anthropology, Institute of Forensic Medicine, University of Bern) - Müller, Felix - Hafner, Albert (Department of Prehistory, Institute of Archaeological Sciences, University of Bern) - Lösch, Sandra (Department of Physical Anthropology, Institute of Forensic Medicine, University of Bern)
- 16:45 BELT PLATES AND DAGGERS. SIGNS OF INTERACTION IN THE EARLY IRON AGE COMMUNITY OF THE MAGDALENENBERG NEAR THE BLACK FOREST**  
Koch, Julia Katharina (Kiel University)

**17:00 BETWEEN WEAPON EXCHANGES AND SOCIAL PRACTICES, THE STUDY OF WARFARE INTERACTIONS IN WESTERN EUROPE DURING THE LAST CENTURIES BC**

Bertaud, Alexandre (University Bordeaux Montaigne; Ausonius Laboratory)

**17:15 HOW THE CELTS OF SOUTHERN FRANCE CHANGED AFTER THE FOUNDATION OF MARSEILLES**

Loup, Bernard (Université de Strasbourg; CNRS UMR 7044 Archimede)

**17:30 CHANGING LANDSCAPES AND CHANGING PLACES IN SOUTH-EASTERN SLOVENIA IN THE FIRST MILLENNIUM BC**

Mason, Philip (Zavod za varstvo kulturne dediščine Slovenije)

**17:45 NEW METHODS IN RE-THINKING THE IRON AGE: ARE WE THERE YET? A NETWORK-EXAMPLE OF LATE IRON AGE OPPIDA**

Schneider, Agnes (Philipps-Universität Marburg)

**18:00 DISCUSSION SLOT**

**POSTERS**

**a. ANALYSIS OF WETLAND DEPOSITION IN IRON AGE WALES AND SCOTLAND**

Treadway, Tiffany (Cardiff University, SHARE)

**698 JUST ADD WATER AND MIX: HERITAGE AND CLIMATE CHANGE - CHALLENGES AND NOVEL APPROACHES**

**ROOM:** UB4G

**TIME:** 8:30 - 16:00

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Regular session

**ORGANISERS:** Dawson, Tom (University of St Andrews; SCAPE) - Corns, Anthony (The Discovery Programme; CHERISH) - Ostrich, Stephanie (CITIZAN; MOLA) - Driver, Toby (RCAHMW; CHERISH)

**ABSTRACTS**

**8:30 LOSING THE EDGE - GAINING GROUND. MAPPING CLIMATE CHANGE AND COASTAL CLIFF LOSS AT HERITAGE SITES IN WALES**

Driver, Toby (Royal Commission; CHERISH Project)

**8:45 ARCHAEOLOGICAL SITES AFFECTED BY SEA EROSION IN ASTURIAS, SPAIN**

Alonso Rodríguez, Nicolás (Arqueobañugues)

**9:00 ASSESSING NATURAL HAZARD RISK FROM WATER ON THE HISTORIC ENVIRONMENT SCOTLAND ESTATE**

Davies, Mairi - Harkin, David (HES Historic Environment Scotland)

- 9:15 CLIMATE CHANGE, FLOODS AND HERITAGE SITES. THE RELEVANCE OF PALEOFLOOD RESEARCH FOR HERITAGE MANAGEMENT IN ALPINE AND BETIC BASINS**  
Schulte, Lothar - Sánchez-García, Carlos - Carvalho, Filipe (Department of Geography, University of Barcelona) - Gómez-Bolea, Antonio (Faculty of Biology, University of Barcelona) - Burrull-Gimeno, Rosa (Department of Geography, University of Barcelona) - Peña, Juan Carlos (Meteorological Service of Catalonia)
- 9:30 BUOYANT FOUNDATION RETROFITS AS A CLIMATE ADAPTATION AND FLOOD MITIGATION SOLUTION FOR HERITAGE SITES**  
English, Elizabeth (University of Waterloo) - Wisner, Jeana (Buoyant Foundation Project)
- 9:45 CITIZAN SCIENCE: COMMUNITY-LED SURVEYING ON THE COAST**  
Ostrich, Stephanie (CITIZAN - Coastal and Intertidal Zone Archaeological Network; MOLA - Museum of London Archaeology)
- 10:00 DISCUSSION SLOT**
- 11:00 'FORTUITOUS ARRANGEMENTS OF BOULDERS' - THE CHALLENGES OF IDENTIFICATION AND INTERPRETATION OF COASTAL ARCHAEOLOGY**  
Kearns, Therese - Hutchinson, Oliver (CITIZAN, Museum of London Archaeology)
- 11:15 CLIMATE CHANGE AND CHALLENGE TO HERITAGE IN MAJULI, ASSAM, INDIA**  
Kumar, M. Satish (Queen's University Belfast SNBE; Director for Internationalisation) - Megarry, William (Queen's University Belfast - SNBE)
- 11:30 SCHEDULED DANISH MONUMENTS AT RISK OF COASTAL EROSION - MAPPING AND ACTIONS**  
Frederiksen, Pernille (Danish Agency for Culture and Palaces)
- 11:45 THE HOUSES ARE ALL GONE UNDER THE SEA: COASTAL HERITAGE IN NORTH ALASKA**  
Jensen, Anne (University of Alaska Fairbanks; Bryn Mawr College)
- 12:00 JUST ADD PEOPLE: WATER, HERITAGE AND CLIMATE CHANGE**  
Dawson, Tom (University of St Andrews) - Hambly, Joanna (The SCAPE Trust; University of St Andrews; The SCAPE Trust) - Graham, Elinor (The SCAPE Trust; University of St Andrews)
- 12:15 LIQUID HISTORY: ARCHAEOLOGY, CLIMATE CHANGE AND EROSION ON THE TIDAL THAMES**  
Frost, Josh - Johnston, Helen (Thames Discovery Programme; MOLA)
- 12:30 DISCUSSION SLOT**
- 14:00 HERITAGE MONITORING SCOUTS (HMS FLORIDA) AND INCREASING OCEAN LITERACY IN FLORIDA**  
Miller, Sarah - Ayers-Rigsby, Sara - Moates, Jeffrey (Florida Public Archaeology Network)



**14:15 A PREHISTORIC ROCK SHELTER IN THE MIDDLE OF THE CHANNEL (BRITTANY, FRANCE): MARITIME THREATS AND ARCHAEOLOGICAL SOLUTIONS**

Marchand, Gregor (UMR 6566 du CNRS – CREA AH - Laboratoire Archéosciences -) - Olmos Benlloch, Pau (ICAC Tarragona) - Bernard, Yann (Virtual-Archeo) - Hamon, Caroline (CNRS) - Laforge, Marine (EVEHA) - Martin, Chloë (Rennes University) - Onfray, Marylise - Quesnel, Laurent - Ravon, Anne-Lyse (CNRS) - Roué, Daniel (Santec)

**14:30 AMBIGUOUS LANGUAGE AND DIFFICULT DECISIONS: FACING UP TO THE COASTAL FUTURE**

MacLeod Rivett, Mary (HES Historic Environment Scotland)

**14:45 FACING THE TEMPEST: UNDERSTANDING PATTERNS OF COASTAL CHANGE**

Momber, Garry (Maritime Archaeology Trust; University of York; Maritime Archaeology Ltd) - Satchell, Julie (Maritime Archaeology Trust; Maritime Archaeology Ltd) - Mason, Brandon (Maritime Archaeology Ltd; Maritime Archaeology Trust)

**15:00 ABOVE & BELOW: EVALUATING THE VISIBLE AND HIDDEN EFFECTS OF CLIMATE CHANGE IN THE COASTAL AND MARINE HISTORIC ENVIRONMENT**

Corns, Anthony - Shaw, Robert - Devlin, Gary - Henry, Sandra - Pollard, Edward (The Discovery Programme/CHERISH) - Driver, Toby - Barker, Louise - Hunt, Daniel (RCAHMW/CHERISH) - Davies, Sarah (Aberystwyth University/CHERISH) - Barry, James (Geological Survey Ireland/CHERISH)

**15:15 DISCUSSION SLOT**

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**699 CAN WE DEVELOP A EUROPEAN NETWORK OF LINKED RESEARCH AGENDAS?**

**ROOM:** UB102

**TIME:** 11:00 - 16:00

**THEME:** Archaeology and the European Year of Cultural Heritage

**FORMAT:** Discussion session

**ORGANISERS:** Miles, Daniel (Historic England) - van der Jagt, Inge (The Cultural Heritage Agency of the Netherlands) - O'Riordan, Emma Jane (Society of Antiquaries of Scotland) - Lee, Edmund (Historic England)

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**ABSTRACTS**

**DISCUSSION 1 - SETTING THE SCENE - MAKING DECISIONS IN EUROPE**

**11:00 HOW ARE DEVELOPMENT-LED RESEARCH DECISIONS MADE ACROSS EUROPE**

Miles, Daniel (HE - Historic England) - González, Matilde (Independent)

**11:10 ANSWERS TO QUESTIONS. THE NEW NATIONAL ARCHAEOLOGICAL RESEARCH AGENDA OF THE NETHERLANDS**

van der Jagt, Inge (Cultural Heritage Agency of the Netherlands)

**11:20 PRIORITIES, RESEARCH AGENDAS AND PLANNING-LED INVESTIGATIONS IN CZECH ARCHAEOLOGY**

Marik, Jan (AU - Institute of Archaeology of the Academy of Sciences of the Czech Republic)

**11:30 DISCUSSION SLOT**

**DISCUSSION 2 - (THE BENEFITS OF) CROSSING BORDERS**

**12:00 BUILDING EUROPEAN RESEARCH AGENDAS FOR INVESTIGATING AND PROTECTING THE BURIED ARCHAEOLOGY OF CASTLE SITES**

Banerjea, Rowena (University of Reading) - Huisman, D. J. (Cultural Heritage Agency of the Netherlands; Groningen Institute of Archeology, Groningen University) - Nicosia, Cristiano (Università di Padova) - Borderie, Quentin (Département d'Eure-et-Loir, CNRS - UMR 7041 ArScAn „Archéologies Environnementales“) - Colenberg, Jesper (Independent) - Béguier, Irène (Service départemental d'archéologie du Calvados)

**12:10 THINKING GLOBALLY: LINKING UK RESEARCH FRAMEWORKS ACROSS EUROPE**

Knight, David (York Archaeological Trust)

**12:20 BUILDING A RESEARCH FRAMEWORK FOR EUROPEAN INDUSTRIAL ARCHAEOLOGY**

Nevell, Michael (University of Salford)

**12:30 DISCUSSION SLOT**

**DISCUSSION 3: PRACTICAL ISSUES TO CONSIDER**

**14:00 JOINING RESEARCH FRAMEWORKS THROUGH TERMINOLOGIES - THOUGHTS FROM THE CELTIC FRINGE**

McKeague, Peter (Historic Environment Scotland) - Binding, Ceri (Hypermedia Research Group, University of South Wales)

**14:10 MULTI-SCALAR, ISLAND APPROACHES TO ARCHAEOLOGICAL RESEARCH AGENDAS - EARLY INSIGHTS FROM A THREE-ISLAND FRAMEWORK IN SCOTLAND**

Rennell, Rebecca - Downes, Jane (Archaeology Institute, University of the Highlands and Islands) - Murphy, Kevin (Comhairle nan Eilean Siar) - Gibson, Julie (Orkney Islands Council) - Turner, Val (Shetland Amenity Trust)

**14:20 DISCUSSION SLOT**

**DISCUSSION 4 POTENTIAL WAYS FORWARD - IT CAN BE DONE!**

**15:00 SCOTLAND'S PLACE IN EUROPE: ARCHAEOLOGICALLY SPEAKING**

O'Riordan, Emma Jane (Society of Antiquaries of Scotland)

**15:10 DEVELOPING AN ONLINE PLATFORM TO SUPPORT RESEARCH AGENDA DEVELOPMENT AND MANAGEMENT IN ENGLAND**

Lee, Edmund (HE - Historic England)

**15:20 BUILDING THE RESEARCH FRAMEWORK PLATFORM**

Rocks-Macqueen, Doug (Landward Research Ltd.; Archaeology Scotland; Recording Archaeology)

**15:30 DISCUSSION SLOT**

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**703 REPRESSED BODIES AS A RESEARCH THEME: ARCHAEOLOGY, MEMORY AND POLITICAL USES**

**ROOM:** UB406

**TIME:** 8:30 - 13:00

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Solé Barjau, Queralt (Universitat de Barcelona) - Marín, Carlos (Universidad de la República, Uruguay) - Gallego Vila, Laia (Universitat de Barcelona) - Herrasti, Lourdes (Universidad del País Vasco)

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**ABSTRACTS**

**8:30 CITIZEN FORENSICS: GRASSROOTS MOVEMENTS AND THE UNEARTHING OF BODIES**

Renshaw, Layla (Kingston University London)

**8:45 INDIGENOUS BONES AND ETHICAL DILEMMAS. A CASE STUDY IN THE CANARY ISLANDS**

Farrujia de la Rosa, Jose (Sociedad Española de Historia de la Arqueología) - Hernández-Ojeda, María (City University, New York)

**9:00 FORENSIC ARCHAEOLOGY IN ROMANIA**

Cozma, Elena („Alexandru Ioan Cuza“ University, Iasi)

**9:15 THE GERMAN-RUSSIAN FRONT IN SOUTHERN POLAND, WINTER 1945: HISTORY AND ARCHAEOLOGY**

Niebylski, Jakub - Tunia, Krzysztof (Polish Academy of Sciences, Institute of Archaeology and Ethnology)

**9:30 REPRESSED IDENTITIES DURING STATE VIOLENCE: A PERSPECTIVE FROM BUREAUCRACY**

Hattori, Márcia (Institute of Heritage Sciences - Incipit)

**9:45 JUSTICE, HUMAN RIGHTS AND EXHUMATIONS. OBSERVATIONS ON THE SEARCH FOR DISAPPEARED DETAINEES FROM ARGENTINA AND URUGUAY**

Marín, Carlos (Universidad de la República - UdelaR) - Rosignoli, Bruno (CONICET)

**10:00 IDENTIFICATION AND THE ROLE OF ARCHAEOLOGY IN COMPLEX CONTEXTS: A PERSPECTIVE FROM BRAZIL AND THE SEARCHES OF DISAPPEARED PEOPLE**

Hattori, Márcia (Institute of Heritage Sciences - Incipit) - Barrio Martínez, Candela - Moreli Tauhyl, Ana Paula (Comissão Especial sobre Mortos e Desaparecidos Políticos) - Inglês,

Mariana (Laboratorio de estudos ecológicos evolutivos humanos. Universidade de São Paulo) - Gratão, Marina (Comissão Especial sobre Mortos e Desaparecidos Políticos)

**10:15 FROM THE EXHUMATION OF BODIES TO HISTORICAL KNOWLEDGE. ANALYSIS OF IRREGULAR FRANCOIST REPRESSION FROM THE EXCAVATION OF MASS GRAVES (1936-1948)**

Muñoz-Encinar, Laura (Extremadura University)

**11:00 HOW DO WOMEN DIE? ARCHAEOLOGY OF THE REPRESSION TOWARDS WOMEN**

Herrasti, Lourdes (Sociedad de Ciencias Aranzadi) - Solé, Queralt (Universitat Barcelona)

**11:15 INDIVIDUALS AS MEN: A GENDERED ARCHAEOLOGICAL APPROACH ON MASCULINITIES AND REPRESSION IN THE SPANISH CIVIL WAR**

Santamarina-Otaola, Josu (University of the Basque Country - UPV-EHU)

**11:30 VALUATIONS AND EXPERIENCES IN ARCHAEOLOGICAL INTERVENTIONS IN THE BATTLEFIELDS AND SPACES OF REPRESSION OF THE SPANISH CIVIL WAR IN CATALONIA**

Busquets, Cesc (Atics SL; Arqueologia UAB) - Ramos, Jordi (Atics SL)

**11:45 EXCAVATION OF THE MASS GRAVE OF THE SPANISH CIVIL WAR LOCATED OUTSIDE THE FIGUEROLA D'ORCAU CEMETERY (LLEIDA)**

Busquets, Cesc (Atics SL; Arqueologia UAB) - Ramos, Jordi (Atics SL) - Armentano, Núria - Nociarová, Dominika (Antropòlegs.lab; GROB-UAB) - Gutiérrez, Aida (GROB-UAB)

**12:00 A GRAVEYARD FOR TWO ARMIES: THE MASS GRAVES AT EL SOLER'S (1938-1939)**

Camats, Anna - Escala, Oscar (Itirta Arqueologia SL) - Fernandez-Vilela, Andrea - Lopez-Onaindia, Diego - Montes, Nuria (Itirta Arqueologia SL; Grup de Recerca Aplicada al Patrimoni Cultural - GRAPAC. Unitat d'Antropologia Biològica; Departament de Biologia Animal, Biologia Vegetal i Ecologia; Universitat Autònoma de Barcelona) - Moya i Garra, Andreu - Riudor, Noemi (Itirta Arqueologia SL) - Subirà, Eulàlia (Grup de Recerca Aplicada al Patrimoni Cultural - GRAPAC. Unitat d'Antropologia Biològica; Departament de Biologia Animal, Biologia Vegetal i Ecologia; Universitat Autònoma de Barcelona) - Tartera, Enric - Vidal, Ares (Itirta Arqueologia SL)

**12:15 THE VALLEY OF THE FALLEN, WHERE HUMAN REMAINS DISAPPEAR. A FUNERARY MONUMENT FOR THE DICTATOR**

Solé Barjau, Queralt - Gallego, Laia (Universitat de Barcelona)

**12:30 DISCUSSION SLOT**

## 706 ART AS MATERIAL CULTURE

ROOM: UB304

TIME: 8:30 - 16:00

THEME: The archaeology of material culture, bodies and landscapes

FORMAT: Regular session

ORGANISERS: López-Bertran, Mireia (Universitat de Valencia) - Horcajada-Campos, Patricia (Universidad Autónoma de Campeche) - Vidal-Lorenzo, Cristina (Universitat de València)

### ABSTRACTS

#### 8:30 INTRODUCTION: DIALOGUING WITH THE PAST THROUGH THE ARTS

Horcajada Campos, Patricia (Universidad Autónoma de Campeche) - Vidal Lorenzo, Cristina - López-Bertran, Mireia (Universidad de Valencia)

#### 8:45 ANCIENT AMERICAN ART: AN APPROACH FROM ARCHAM ARCHAEOLOGICAL PROJECTS (CNRS & UNIVERSITÉ PARIS 1 PANTHÉON-SORBONNE, FRANCE)

Testard, Juliette (CNRS)

#### 9:00 ART AND GENDER IN ANCIENT NEAR EASTERN STUDIES

Garcia-Ventura, Agnes (IPOA, Universitat de Barcelona)

#### 9:15 THE TEOTIHUACÁN CERAMIC TRADITION IN THE ACÁMBARO'S REGION (GUANAJUATO). AN ICONOGRAPHIC APPROXIMATION

Faugere, Brigitte (Paris 1 University)

#### 9:30 MATERIAL CULTURE VS ARTISTIC REPRESENTATION: A VIEW FROM THE ATHENIAN KERAMEIKOS

Rodríguez Pérez, Diana (University of Oxford - Wolfson College)

#### 9:45 POLYCHROME CERAMICS FROM NAKUM: THE HISTORICAL AND STYLISTIC SIGNIFICANCE OF VESSELS WITH HIEROGLYPHIC TEXTS

Zralka, Jaroslaw (Institute of Archaeology, Jagiellonian University in Krako) - Helmke, Christophe (Department of Cross-Cultural and Regional Studies, University of Copenhagen) - Hermes, Bernard (The Nakum Archaeological Project)

#### 10:00 ART FOR EVERYONE? PRODUCTION, FORM AND SYMBOLISM OF EARTHENWARE, 1500-1800

Witte, Frauke (Museum Sønderjylland)

#### 10:15 DISCUSSION SLOT

#### 11:00 THE EARLY MYCENAEAN ICONOGRAPHY OF POWER - THE METAL VESSELS AND ITS SOCIO-POLITICAL CONTEXT

Dudlik, Katarzyna (Adam Mickiewicz University)

- 11:15 IMAGES FOR THE HEREAFTER: THE ICONOGRAPHY RELATED TO FUNERAL FOOD IN THE PUNIC IBIZA (V-II CENTURIES A.E.)**  
Vendrell-Betí, Alicia (Universitat de València)
- 11:30 DEFINING FIGURES: ATHENIAN POTTERY AT HOME AND ABROAD**  
Langridge-Noti, Elizabeth (American College of Greece)
- 11:45 ULUA TRADITION FIGURINES AS ART, AS MATERIAL CULTURE, AND AS PERSONS: A BIOGRAPHICAL AND RELATIONAL ANALYSIS**  
Hendon, Julia (Gettysburg College)
- 12:00 PHOENICIAN BOTTLE-SHAPED REPRESENTATIONS (7TH-3RD CENTURIES BCE): ICONOGRAPHY AND SYMBOLISM**  
López-Bertran, Mireia (Universitat de Valencia)
- 12:15 CERAMIC FIGURINES FROM CALAKMUL (CAMPECHE, MEXICO): ARCHAEOMETRIC STUDY**  
Horcajada, Patricia - Domínguez Carrasco, M<sup>a</sup> del Rosario (Universidad Autónoma de Campeche)
- 12:30 MODELLING IBERIAN ANCESTORS. NEW EVIDENCE OF TERRACOTTA HEADS AND RITUAL PRACTICES IN EASTERN IBERIA IRON AGE**  
Grau, Ignacio (Universitat d'Alacant) - Amorós, Iván (Museu de Prehistòria de València. SIP)
- 12:45 DISCUSSION SLOT**
- 14:00 ARCHAEOLOGICAL FLINT AND OBSIDIAN ARTIFACTS OF PREHISTORIC RUSSIAN SITES WITH UNUSUAL SHAPES, UNKNOWN FUNCTION(S) AND AN OLD FASHION NAME: „ECCENTRICS“**  
Coskunsu, Güner (Centro Internazionale di Sperimentazione, di Documentazione e di Studio per la Preistoria e l'Etnografia dei Popoli Primitivi) - Skakun, Natalia (Institute for the Material Culture History, Russian Academy of Sciences, Saint-Petersburg)
- 14:15 MEMORY AND MIMETIC PRACTICES IN ANCIENT IBERIA: THE ENGRAVED PLAQUES AND BELL BEAKERS**  
Lillios, Katina (University of Iowa) - Kohring, Sheila (University of Cambridge)
- 14:30 ART OR ACTIVITY? RECONSIDERING INTERPRETATIONS OF THE NASCA GEOGLYPHS IN SOUTHERN PERU**  
Reindel, Markus (German Archaeological Institute)
- 14:45 ARCHITECTURAL CULTURE AS ART: TECHNIQUES OF CONSTRUCTION, REPRESENTATION AND MEANING IN BALEARIC PROTOHISTORY (BALEARIC ISLANDS, SPAIN)**  
Torres Gomariz, Octavio (University of Alicante)
- 15:00 ART AND COMMERCE IN THE ROMAN CITY**  
Lauritsen, Taylor (Christian-Albrechts-Universität zu Kiel)

## 15:15 NARRATIVE SPACES AND IMAGES IN THE MAYA BUILT ENVIRONMENT

Salazar-Lama, Daniel (Universidad Nacional Autónoma de México, UNAM; Centro de Estudios Mexicanos y Centroamericanos, CEMCA)

## 15:30 DISCUSSION SLOT

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## 708 DATA-DRIVEN CHRONOLOGY

ROOM: UB412

TIME: 8:30 - 10:30

THEME: Theories and methods in archaeological sciences

FORMAT: Regular session

ORGANISERS: McLaughlin, Rowan (Queen's University Belfast) - Hannah, Emma (Queens University Belfast) - Fernández López de Pablo, Javier (Catalan Institute of Human Paleoeology and Social Evolution - IPHES)

### ABSTRACTS

#### 8:30 ADD AND CONQUER. WHEN JOINING CURRENT RADIOCARBON DATABASES AND USING DATA DRIVEN KNOWLEDGE RETRIEVING INFORMATION SYSTEMS ALLOW NEW KNOWLEDGE CREATION

Colobran, Miquel - Barcelo, Juan Anton - Capuzzo, Giacomo - Morell, Berta - Bogdanovic, Igor (UAB - Autonomous University of Barcelona)

#### 8:45 BEYOND SINGLE DATES - DATABASE OF ARCHAEOLOGICAL EVENTS

Bogdanovic, Igor - Barceló, Juan Antonio - Colobran Huguet, Miquel (Quantitative Archaeology Lab, UAB)

#### 9:00 FROM DEEP LAKES TO MOUNTAIN TOPS: EXPLORING LONG AND SHORT CHRONOLOGIES WITH BAYESIAN STATISTICS

Brunner, Mirco (Institute of Archaeological Sciences, University of Bern; Oeschger Centre for Climate Change Research - OCCR, University of Bern; Graduate School «Human Development in Landscapes», Christian Albrechts University Kiel) - Heitz, Caroline (Institute of Archaeological Sciences, University of Bern; Oeschger Centre for Climate Change Research - OCCR, University of Bern) - Steuri, Noah (Institute of Archaeological Sciences, University of Bern) - Hinz, Martin (Institute of Prehistoric and Protohistoric Archaeology, Christian Albrechts University Kiel) - Hafner, Albert (Institute of Archaeological Sciences, University of Bern; Oeschger Centre for Climate Change Research - OCCR, University of Bern)

#### 9:15 TRENDY ARCHAEOLOGY: EXPLORING PATTERNS IN SPACE AND TIME

McLaughlin, Rowan (Queen's University Belfast)

#### 9:30 CRAFT AND CHRONOLOGY IN IRELAND 400-1200 CE

Hannah, Emma (Queen's University Belfast)

- 9:45 RDF BASED MODELLING OF RELATIVE AND ABSOLUTE CHRONOLOGICAL DATA: EXAMPLES FROM THE CENTRAL AFRICAN RAINFOREST AND ROMAN PERIODISATION**  
Seidensticker, Dirk (Gent University) - Thiery, Florian (Römisch-Germanisches Zentralmuseum Mainz) - Schmid, Clemens (University of Kiel)
- 10:00 RECALIBRATING GRAVE GOOD CHRONOLOGIES: NEW AMS 14C DATES FROM BRONZE-IRON AGE BURIALS IN LIKA, CROATIA**  
Zavadny, Emily - Culleton, Brendan - McClure, Sarah - Kennett, Douglas (The Pennsylvania State University) - Balen, Jacqueline (Archaeological Museum in Zagreb)
- 10:15 DISCUSSION SLOT**

## 715 ARCHAEOLOGIES OF UNFREE LABOR IN EUROPE AND THE MEDITERRANEAN

**ROOM:** UB303

**TIME:** 14:00 - 16:00

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Gomes Coelho, Rui (Cultural Heritage and Preservation Studies, Department of Art History, Rutgers University) - Dikkaya, Fahri (Basic Sciences Unit, TED University)

### ABSTRACTS

- 14:00 OBLIGATORY CITIZENSHIP AS COMMODITY FOR THE KINGS IN IRON AGE NORTH SYRIA AND MESOPOTAMIA**  
Denel, Elif (American Research Institute in Turkey)
- 14:15 IDENTIFYING THE AFRICAN SLAVE PRESENCE IN PORTUGAL: ARCHAEOLOGY AS AN AGENT FOR A DECOLONIZATION OF THOUGHTS AND KNOWLEDGE**  
Simões, Sara (Cambridge Archaeological Unit, University of Cambridge)
- 14:30 DISCUSSION SLOT**
- 14:45 OTTOMAN BLACKS: ARCHAEOLOGY, SLAVERY AND SETTLEMENTS**  
Dikkaya, Fahri (TED University)
- 15:00 DISCARDED IN THE DUMP: SLAVES' BURIALS IN VALLE DA GAFARIA, LAGOS (PORTUGAL; 15TH - 17TH CENTURIES)**  
Ferreira, Maria Teresa - Coelho, Catarina - Rufino, Ana - Navega, David - Coelho, João - Cunha, Eugénia (University of Coimbra) - Almeida, Miguel (Dryas Octopetala) - Wasterlain, Sofia (University of Coimbra)
- 15:15 FORTUNATE NO MORE. ARCHAEOLOGICAL AND BIOANTHROPOLOGICAL EVIDENCE OF SLAVERY FROM THE SITE OF FINCA CLAVIJO (CANARY ISLANDS, SPAIN)**  
Santana, Jonathan (Durham University) - Fregel, Rosa (Department of Genetics, University of La Laguna) - Lightfoot, Emma (Department of Archaeology, Cambridge University) - Ala-



món, Martha - Moreno, Marco (Tibicena, Arqueología y Patrimonio) - Guillén, José (Cabildo de Gran Canaria) - Morales, Jacob (Department of Historical Sciences, University of Las Palmas de Gran Canaria) - Pino, Miguel (Department of Archaeology, Sheffield University) - Kacki, Sacha (Department of Archaeology, Durham University) - Rodríguez, Amelia (Department of Historical Sciences, University of Las Palmas de Gran Canaria)

**15:30 THE ARCHAEOLOGIST ADRIFT: PSYCHOGEOGRAPHIES OF UNFREE LABOR IN THE ATLANTIC WORLD**

Gomes Coelho, Rui (Cultural Heritage and Preservation Studies, Rutgers University)

**15:45 DISCUSSION SLOT**

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**740 GLOCAL IDENTITIES - DIFFERENT VALUES OF CULTURAL HERITAGE SITES**

**ROOM:** UB209

**TIME:** 14:00 - 18:00

**THEME:** Archaeology and the European Year of Cultural Heritage

**FORMAT:** Regular session

**ORGANISERS:** Loew, Carmen (Kuratorium Pfahlbauten - UNESCO World Heritage Prehistoric Pile Dwellings around the Alps) - Dworsky, Cyril (Kuratorium Pfahlbauten - UNESCO World Heritage Prehistoric Pile Dwellings around the Alps) - Veranić, Dejan (UNESCO kolišćica na Igu, JZ Krajski park, Ljubljansko barje) - Granier, Fanny (Ministère de la Culture, DRAC Auvergne-Rhône-Alpes)

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**ABSTRACTS**

**14:00 HERITAGE SHALL BE OUR LEITMOTIF!**

Dworsky, Cyril - Loew, Carmen (Kuratorium Pfahlbauten)

**14:15 WARHORSES TO BE PROUD OF**

Soeters, Gilbert (Municipality of Maastricht)

**14:30 IF ROME COSTS THE PRICE OF A TICKET, HOW MUCH WOULD YOU SPEND?**

Facchin, Giulia (University of Roma Tre) - D'Eredità, Astrid (High Institute for Conservation and Restoration - ISCR MiBACT)

**14:45 DISCUSSION SLOT**

**15:00 EAST MEETS WEST - THE SEARCH FOR COMMON ROOTS**

Duran Kremer, Maria de Jesus (Institut of History of the Art/FCSH/University NOVA Lisbon)

**15:15 SPATIALISED EXPERIENCES AND SOCIAL IMAGINARIES: NEOLITHIC CULTURAL HERITAGE IN THE EASTERN MEDITERRANEAN**

Souvatzi, Stella (Hellenic Open University)

**15:30 DISCUSSION SLOT**

**16:30 HOTSPOTS, HYBRIDITY AND HERITAGE**

Paludan-Muller, Carsten (Independent)

**16:45 ARCHAEOLOGY, CULTURAL LANDSCAPES AND INTERCULTURAL DYNAMICS AT A UNESCO WORLD HERITAGE SITE; THE CASE OF EPHEBUS**

Ganciu, Iulian (Österreichisches Archäologisches Institut; University of Applied Arts Vienna)

**17:00 CONNECTING WORLD HERITAGE SERIAL PROPERTIES: A CASE-STUDY OF “LOCAL TO GLOCAL” TRANSITION DYNAMICS**

Brancelj, Ana (Laboratoire EDYTEM - UMR5204, Université Savoie Mont Blanc; Laboratoire IREGE - EA 2426, Université Savoie Mont Blanc) - Duval, Mélanie (Laboratoire EDYTEM - UMR5204, Université Savoie Mont Blanc)

**17:15 A PILE DWELLERS’ TALE: SHARED HERITAGE AND THE ROLE OF ARCHAEOLOGY; THE CASE OF PILE DWELLINGS IN SLOVENIA**

Veranic, Dejan (Krajinski park Ljubljansko barje)

**17:30 DISCUSSION SLOT****POSTERS**

- a. **KNOWING, OBSERVING AND IMAGINING IN THE SACRED CITY OF CARAL-SUPE (PERU)**  
Barreiro, David - Varela-Pousa, Rocío (Institute of Heritage Sciences - Spanish National Research Council) - Leyva-Arroyo, Carlos Alberto (Caral Archaeological Zone)
- b. **PROJEKT NAVIS - PRESENTATION AND PROMOTION OF CULTURAL (ARCHAEOLOGICAL) HERITAGE THROUGH THE CONSTRUCTION AND USE OF HISTORIC VESSELS**  
Draksler, Matej (Skupina STIK; Institute for Underwater Archaeology)

**742 SOUTH-EASTERN ANATOLIA AT A CROSSROADS: A MULTICULTURAL MEDITERRANEAN AREA FROM THE HELLENISTIC TO THE EARLY BYZANTINE PERIOD**

**ROOM:** UB206

**TIME:** 14:00 - 18:30

**THEME:** Mediterranean seascapes

**FORMAT:** Regular session

**ORGANISERS:** Borgia, Emanuela (Sapienza Università di Roma) - Polla, Silvia (Freie Universität Berlin - Institut für Klassische Archäologie)

- 14:00 CILICIA : TWO DIFFERENT LANDSCAPES, ONE PROVINCE BETWEEN TAURUS AND MEDITERRANEAN SEA**  
Sayar, Mustafa (Istanbul University)
- 14:15 CILICIAN CITY-COINS AS MIRROR OF HISTORICAL AND CULTURAL CHANGES (V C. BCE - III C. CE)**  
Dabrowa, Edward (Jagiellonian University in Kraków, Institute of History)
- 14:30 THE DORIC ORDER IN SOUTH-EASTERN ANATOLIA: LOCAL IDENTITIES OR CULTURAL INTERACTIONS?**  
Fochetti, Beatrice (Università di Pisa)
- 14:45 URBAN NETWORKS IN ROMAN CYPRUS AND CILICIA**  
Summerer, Latife (University of Kastamonu)
- 15:00 LOCAL PATTERNS AND SYRIAN INFLUENCES IN THE COLONNADED STREETS OF ROMAN CILICIA AND PAMPHYLIA**  
Borgia, Emanuela (Università di Roma Sapienza)
- 15:15 TINY KINGDOMS OF PROPHETIC IDEALS**  
Tevdovski, Ljuben (University Goce Delcev - Shtip)
- 15:30 DISCUSSION SLOT**
- 16:30 ANTIOCHIA AD CRAGUM IN WESTERN ROUGH CILICIA: FROM PIRATE BASE TO IMPERIAL CITY**  
Hoff, Michael (University of Nebraska)
- 16:45 THE NORTHEAST TEMPLE AT ANTIOCHIA AD CRAGUM**  
Townsend, Rhys (Clark University)
- 17:00 THE BATH BUILDINGS OF CILICIA AND PAMPHYLIA IN ROMAN TIMES. CHARACTERISTICS, LAYOUT AND PECULIARITIES**  
Casagrande Cicci, Emanuele (Sapienza University of Rome)
- 17:15 MARBLE IN SOUTH-EASTERN ANATOLIA: AN EVIDENCE OF IMPORT OF BUILDING-MATERIAL AND ARCHITECTURAL INTERACTION**  
Spanu, Marcello (Università degli Studi Roma Tre)
- 17:30 BUILDING TECHNIQUES AND PROCESSES IN ROUGH CILICIA FROM HELLENISTIC TO EARLY BYZANTINE PERIOD**  
Fornace, Chiara (Sapienza Università di Roma)
- 17:45 TRADING NETWORKS OF LATE ROMAN CYPRUS AND CILICIA. REVISITING THE EVIDENCE OF AMPHORAE PRODUCTION**  
Soyluoglu, Mehmetcan (Eastern Mediterranean University)
- 18:00 DISCUSSION SLOT**

## 754 INTEGRATIVE APPROACHES TO THE STUDY OF ANIMAL HUSBANDRY, PLANT RESOURCE MANAGEMENT AND THEIR IMPACT ON THE LANDSCAPE

**ROOM:** UB208

**TIME:** 14:00 - 18:00

**THEME:** Theories and methods in archaeological sciences

**FORMAT:** Regular session

**ORGANISERS:** Dal Corso, Marta (Institute for Prehistoric and Protohistoric Archaeology, Kiel University; CRC1266 Scales of Transformation, Kiel University) - Égüez, Natàlia (Instituto Universitario de Bio-Orgánica Antonio González, Universidad de La Laguna, Tenerife; Institute for Prehistoric and Protohistoric Archaeology, Kiel University) - Gillis, Rosalind E. (Institute for Prehistoric and Protohistoric Archaeology, Kiel University)

### ABSTRACTS

#### 14:00 THE ISOTOPE ECOLOGY OF EARLY FARMING ON CROATIA'S DALMATIAN COAST: INTEGRATING PLANTS, ANIMALS, AND HUMANS IN A NEOLITHIC LANDSCAPE

McClure, Sarah (The Pennsylvania State University) - Reed, Kelly (University of Warwick) - Podrug, Emil (Sibenik City Museum) - Zavodny, Emily (The Pennsylvania State University) - Ebert, Claire (University of Pittsburgh) - Triozzi, Nicholas - Welker, Martin (The Pennsylvania State University) - Jovic, Jelena (Sibenik City Museum) - Kennett, Douglas (The Pennsylvania State University)

#### 14:15 A MULTI-PROXY APPROACH TO THE MULTIPLE EPISODES OF ANIMAL PENNING AT CAN SADURNÍ CAVE (NE IBERIA) DURING THE POSTCARDIAL NEOLITHIC

Gascón, Mireia (CIPAG - Col·lectiu per la investigació de la prehistòria i arqueologia de Garraf, Begues; ERAAUB, Dept. d'Història i Arqueologia, Universitat de Barcelona) - Bergadà, M. Mercè (SERP, Dept. d'Història i Arqueologia, Universitat de Barcelona) - Antolín, Ferran (Integrative Prehistory and Archaeological Science, University of Basel; CIPAG - Col·lectiu per la investigació de la prehistòria i arqueologia de Garraf, Begues) - Albert, Rosa Maria (ICREA; ERAAUB, Dept. d'Història i Arqueologia, Universitat de Barcelona) - Martínez, Héctor (SERP, Dept. d'Història i Arqueologia, Universitat de Barcelona; CIPAG - Col·lectiu per la investigació de la prehistòria i arqueologia de Garraf, Begues) - Saña, Maria - Piqué, Raquel (Departament de Prehistòria, Universitat Autònoma de Barcelona) - Martínez, Pablo (SERP, Dept. d'Història i Arqueologia, Universitat de Barcelona; CIPAG - Col·lectiu per la investigació de la prehistòria i arqueologia de Garraf, Begues) - Edo, Manel (CIPAG - Col·lectiu per la investigació de la prehistòria i arqueologia de Garraf, Begues)

#### 14:30 BONE DIAGENESIS IN FUMIER CONTEXTS: ASSESSING POSTDEPOSITIONAL PROCESSES

Valle Blanco, Héctor (Universitat Rovira i Virgili - URV) - Cáceres, Isabel (Universitat Rovira i Virgili - URV; IPHES, Institut Català de Paleoecologia Humana i Evolució Social) - Tornero, Carlos (IPHES, Institut Català de Paleoecologia Humana i Evolució Social; Universitat Rovira i Virgili - URV) - Burguet-Coca, Aitor (IPHES, Institut Català de Paleoecologia Humana i Evolució Social) - Vergès, Josep Maria (IPHES, Institut Català de Paleoecologia Humana i Evolució Social; Universitat Rovira i Virgili - URV)

**14:45 DISCUSSION SLOT****15:00 LOOKING INTO A NEOLITHIC-BRONZE AGE FUMIER AT ABRIC DEL XICOTÓ (SPAIN): A MICROMORPHOLOGICAL AND BIOMOLECULAR INVESTIGATION**

Égüez, Natalia (Archaeological Micromorphology and Biomarkers -AMBI Lab, Universidad de La Laguna; SERP. Dept. of History and Archaeology, Universitat de Barcelona) - Sánchez De la Torre, Marta (UNIZAR. Dept. of Sciences of Antiquity, Universidad de Zaragoza; SERP. Dept. of History and Archaeology, Universitat de Barcelona) - Oms, Xavier - Martínez Grau, Héctor - Mangado Llach, Javier (SERP. Dept. of History and Archaeology, Universitat de Barcelona)

**15:15 MICROARCHAEOLOGY AS A TOOL TO RECOGNIZE HUSBANDRY PRACTICES DURING THE NEOLITHIC IN THE NORTH OF THE IBERIAN PENINSULA**

Alonso-Eguiluz, Mónica (ERAAUB, Dept. d'Història i Arqueologia, Universitat de Barcelona) - Albert, Rosa María (Catalan Institution for Research and Advanced Studies, ICREA; ERAAUB, Dept. d'Història i Arqueologia, Universitat de Barcelona) - Fernández-Eraso, Javier (IT622/13 Facultad de Letras, Departamento de Geografía, Prehistoria y Arqueología, Universidad del País Vasco UPV/EHU)

**15:30 A COMBINED PHYTOLITHS AND STABLE ISOTOPIC APPROACH TO STUDYING CATTLE FODDERING PRACTICES DURING THE LINEARBANDKERAMIK**

Gillis, Rosalind (Institut für Ur- und Frühgeschichte, Christian-Albrechts-Universität; CNRS - Muséum National d'Histoire Naturelle - Sorbonne Universités, Archéozoologie, Archéobotanique: Sociétés, Pratiques et Environnement, UMR 7209) - Dal Corso, Marta - Makarewicz, Cheryl (Institut für Ur- und Frühgeschichte, Christian-Albrechts-Universität)

**15:45 DISCUSSION SLOT****16:30 ANIMALS, PLANTS, AND LANDSCAPE IN THE POLISH LOWLANDS NEOLITHIC**

Marciniak, Arkadiusz (Adam Mickiewicz University)

**16:45 UNDERSTANDING THE EARLIEST NEOLITHIC FARMING IN SOUTHERN SCANDINAVIA**

Gron, Kurt (Durham University)

**17:00 HUSBANDRY, CULTIVATION AND LANDSCAPE IN THE TRB OF WESTERN SWEDEN. RESULTS FROM RECENT WORK IN FALBYGDEN**

Sjögren, Karl-Göran - Axelsson, Tony (Dep of historical studies, Göteborg university)

**17:15 DISCUSSION SLOT****POSTERS****a. SOIL MICROBIOLOGICAL INDICATORS OF PREHISTORIC AND MEDIEVAL CATTLE CORRALS**

Chernysheva, Elena - Borisov, Alexandr (Institute of Physicochemical and Biological Problems in Soil Science RAS) - Korobov, Dmitry (Institute of Archaeology RAS)

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## 758 HUMAN-WATER INTERCONNECTIONS IN THE DRY ENVIRONMENTS OF THE NEAR EAST AND CENTRAL ASIA

**ROOM:** UB408

**TIME:** 14:00 - 18:30

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Bulawka, Nazarij (University of Warsaw, Faculty of History, Institute of Archaeology, Department of Near Eastern Archaeology) - Arciero, Roberto (Leiden University, Faculty of Archaeology, Department of World Archaeology, Archaeology of the Near East) - Holguin, Leah (University of Southampton, Faculty of Humanities, Department of Archaeology) - Al Karaimeh, Sufyan (Leiden University, Faculty of Archaeology, Department of World Archaeology, Archaeology of the Near East) - Mantellini, Simone (University of Bologna, Department of History and Cultures - DiSci) - Markofsky, Steven (Universitat Pompeu Fabra, Barcelona)

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### ABSTRACTS

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**14:00 HUMAN-WATER INTERCONNECTIONS IN THE DRY ENVIRONMENTS OF THE NEAR EAST AND CENTRAL ASIA**

Arciero, Roberto (Leiden University)

**14:15 THERE'S SAND IN THE SENSOR! REMOTE SENSING APPROACHES TO INTERPRETING DELTA-DESERT TRANSITIONAL ENVIRONMENTS**

Markofsky, Steven (Independent researcher)

**14:30 HOW TO COPE WITH DESERT ENVIRONMENTS. THE MANAGEMENT OF THE WATER RESOURCES IN THE MURGHAB (TURKMENISTAN) DURING THE BRONZE AGE**

Arciero, Roberto (Leiden University)

**14:45 CLIMATE CHANGE AND THE SOCIOCULTURAL EVOLUTION OF THE OXUS CIVILIZATION: AN OVERVIEW**

Luneau, Elise (Deutsches Archäologisches Institut, Eurasien-Abteilung)

**15:00 IT'S ALL ABOUT LOCATION... THE WATER ADAPTATIONS IN THE OASES OF TEDJEN RIVER IN THE IRON AGE (TURKMENISTAN)**

Bulawka, Nazarij (University of Warsaw, Faculty of History, Institute of Archaeology, Department of Near Eastern Archaeology)

**15:15 WHERE YOUR MEANS ARE LIMITED: WATER MANAGEMENT IN STEPPE OF THE SOUTHERN UZBEKISTAN**

Stanco, Ladislav (Charles University)

**15:30 IRRIGATION MANAGEMENT, LABOR INVESTMENT AND ENVIRONMENTAL CONSTRAINTS IN THE SEMI-ARID STEPPE OF SAMARKAND (UZBEKISTAN)**

Mantellini, Simone (University of Bologna)

**15:45 DISCUSSION SLOT**

**16:30 EVALUATION OF HOLOCENE HUNTER-GATHERER LAND USE ALONG PALAEOHYDROLOGICAL CORRIDORS IN THE ULAAN NUUR REGION OF THE GOBI DESERT, MONGOLIA**

Holguin, Leah (University of Southampton)

**16:45 EXPLORING EARLY WATER MANAGEMENT IN CENTRAL ASIA THROUGH ARCHAEOBOTANY**

Spengler, Robert (Max Planck Institute for the Science of Human History)

**17:00 WATER MANAGEMENT IN PAST PASTORALIST SOCIETIES ON THE TERRITORY OF ARMENIA - A LOOK ON HUMAN-ENVIRONMENT INTERACTION AND SOCIO-CULTURAL MEANING**

Kasperkiewicz, Kornelia (University of Warsaw, Institute of Archaeology)

**17:15 RAINWATER HARVESTING SYSTEMS IN SOUTHERN TRANSJORDAN: THE SITE OF SELA**

Marsal, Roser (Department of History and Archaeology, University of Barcelona; Water Research Institute - IdRA, University of Barcelona; PROA-GRACPE)

**17:30 FALAJ AL-MUTARIDH AND ITS IRRIGATED FIELDS**

Al Karameh, Sufyan - Düring, Bleda (Leiden University)

**17:45 DISCUSSION SLOT**

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**763 CULTURAL PROPERTY: FROM LOOTING AND ILLEGAL TRADE TO RESTITUTION**

**ROOM:** UB220

**TIME:** 8:30 - 13:00

**THEME:** Archaeology and the European Year of Cultural Heritage

**FORMAT:** Regular session

**ORGANISERS:** Kairiss, Andris (Latvian Academy of Culture) - Borş, Corina (National History Museum of Romania) - Bernard, Elisa (IMT School for Advanced Studies Lucca) - Munawar, Nour (University of Amsterdam - UvA) - Musteată, Sergiu (Institute of Archaeology, Romanian Academy, Iasi branch)

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**ABSTRACTS**

**8:30 INTER-INSTITUTIONAL COOPERATION IN PROTECTION OF ARCHAEOLOGICAL HERITAGE: LATVIAN CASE STUDY**

Kairiss, Andris (Latvian Academy of Culture)

**8:45 CRIME AGAINST ARCHAEOLOGICAL HERITAGE IN POLAND – NEW STRATEGIES FOR PREVENTING AND COMBATING LOOTING AND ILLEGAL TRADE**

Byszewska, Agata (Narodowy Instytut Dziedzictwa / National Heritage Board of Poland)

- 9:00 INTERNATIONAL AND NATIONAL LAW FOR THE PROTECTION AND RESTITUTION OF LOOTED ART – THE GERMAN CASE**  
Weiler-Esser, Julia (HerA - Heritage Advisors)
- 9:15 DISCUSSION SLOT**
- 9:30 WORLD HERITAGE SITES BETWEEN PRESERVATION, LOOTING, AND ILLEGAL TRAFFIC. A CASE FROM ROMANIA**  
Musteata, Sergiu (Institute of Archaeology, Romanian Academy, Iasi branch)
- 9:45 WHO OWNS THE PAST AND WHO CARES ABOUT IT? ABOUT THE ROLE OF A MUSEUM FOR PROTECTING THE CULTURAL HERITAGE**  
Bors, Corina Ioana (National History Museum of Romania - MNIR)
- 10:00 HERITAGE FOR SALE! THE ROLE OF MUSEUMS IN PROMOTING METAL DETECTING AND LOOTING IN ROMANIA**  
Ganciu, Iulian (Österreichisches Archäologisches Institut; University of Applied Arts Vienna)
- 10:15 DISCUSSION SLOT**
- 11:00 MORGANTINA 1977-2017. ILLEGAL EXCAVATIONS AND RESTITUTIONS BETWEEN THE UNESCO AND THE FARO CONVENTION**  
Raffiotta, Serena (Independent researcher)
- 11:15 MAGIC MOMENTS (IN ARCHAEOLOGICAL HERITAGE PROTECTION)**  
Karl, Raimund (School of History, Welsh History and Archaeology)
- 11:30 DISCUSSION SLOT**
- 11:45 HEDAP (HERITAGE DOCUMENTATION AND PROTECTION): A TOOL TO FIGHT THE ILLICIT TRAFFIC OF LIBYAN AND TUNISIAN ANTIQUITIES**  
Nebbia, Marco - Leone, Anna (Durham University) - Belzic, Morgan (Ecole Pratique des Hautes Etudes; Mission Archéologique Française pour la Libye Antique) - Brennan, John - Roberts, Matthew (Durham University) - Hamdi, Rached (Institut National de Patrimoine de Tunisie - INP) - Hadia, Mahmoud (Department of Antiquities of Libya) - Obara, Boguslaw (Durham University)
- 12:00 NO QUESTIONS ASKED - EMOTIONAL STORIES AND MONETARY VALUES IN THE TRADE OF ARCHAEOLOGICAL OBJECTS**  
Modarress-Sadeghi, Mirette (University of Oulu)
- 12:15 DISCUSSION SLOT**



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## 770 SUSTAINABLE TOURISM IN WORLD HERITAGE LANDSCAPES: PROBLEMS AND POTENTIALS

ROOM: UB305

TIME: 16:30 - 18:30

THEME: Archaeology and the European Year of Cultural Heritage

FORMAT: Regular session

ORGANISERS: Davis, Stephen (University College Dublin) - Greaney, Susan (Historic England; University of Cardiff) - Cave, Claire (University College Dublin) - Smyth, Jessica (University College Dublin)

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### ABSTRACTS

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**16:30 BEYOND THE 'BUCKET LIST': HELPING VISITORS TO EXPLORE THE STONEHENGE LANDSCAPE**

Greaney, Susan (English Heritage/ Cardiff University)

**16:45 PUBLIC-PRIVATE COLLABORATION IN ARCHAEOLOGICAL HERITAGE MANAGEMENT WITHIN A WORLD HERITAGE SITE - A BRÚ NA BÓINNE CASE STUDY**

Ni Lionain, Clíodhna (Devenish Nutrition; UCD School of Archaeology) - Davis, Stephen (UCD School of Archaeology)

**17:00 VISITOR EXPERIENCE OF EPHEBUS MULTI-LAYERED ARCHAEOLOGICAL LANDSCAPE AS AN ANCIENT ROMAN CITY: A CRITICAL APPRAISAL FROM A MUSEOLOGICAL PERSPECTIVE**

Akture, Zeynep (Izmir Institute of Technology, Department of Architecture)

**17:15 THE BRÚ NA BOINNE WORLD HERITAGE SITE RESEARCH FRAMEWORK - (NEARLY) 10 YEARS ON...**

Smyth, Jessica (University College Dublin)

**17:30 CHALLENGES AND POTENTIALS IN WORKING WITH THE COMMUNITY AT THE BRÚ NA BÓINNE WHS, CO. MEATH, IRELAND**

Davis, Stephen (University College Dublin) - Lionáin, Clíodhna (Devenish)

**17:45 A VICTIM OF ITS OWN SUCCESS? SUSTAINABLE MANAGEMENT OF THE ICONIC SITE OF STONEHENGE IN THE 21ST CENTURY**

Sebire, Heather - Davis, Kate (English Heritage)

**18:00 DISCUSSION SLOT**

## 778 EXAMINING THE DIFFERENT APPROACHES, THEORIES, AND METHODOLOGY BOTH CULTURALLY AND IN THE APPLICATION OF EUROPEAN COMMERCIAL FIELD ARCHAEOLOGY

ROOM: UB409

TIME: 14:00 - 18:00

THEME: Theories and methods in archaeological sciences

FORMAT: Regular session

ORGANISERS: Forrester, Colin (Universitat Rovira i Virgili) - Clark, Peter (Canterbury Archaeological Trust)



### ABSTRACTS

#### 14:00 INTRODUCTION TO SESSION 778: ALONG WITH A QUICK INTRODUCTION TO CIFA, AND NEW GENERATION AND THE INTERNATIONAL PRACTICE GROUPS

Forrester, Colin (CIFA; Erasmus Mundi - IPHES at URV) - Clark, Peter (CIFA; Canterbury Archaeological Trust)

#### 14:15 SEYİTÖMER HÖYÜK RESCUE EXCAVATION PROJECT

Bilgen, A. Nejat (Dumlupınar University, Tavsanlı yolu 10. km Fen-Edebiyat Fakültesi Arkeoloji Bölümü-KUTAHYA)

#### 14:30 A NEW LEGISLATION AND A NEW ROLE FOR COMMERCIAL ARCHAEOLOGY IN FLANDERS, BELGIUM

Vandeveldel, Jessica (Flemish Heritage Agency)

#### 14:45 DISCUSSION SLOT

#### 15:00 LEGAL MINIMUM FOR ARCHAEOLOGICAL DOCUMENTATION IN POLAND

Wisniewski, Mariusz (Mazowiecki Wojewódzki Urząd Ochrony Zabytków)

#### 15:15 CONFRONTING HERITAGE CRIME: REACTION AND RESPONSE

Clark, Peter R (Canterbury Archaeological Trust; CIFA; Society of Antiquaries of London)

#### 15:30 PREVENTIVE ARCHAEOLOGY IN THE CZECH REPUBLIC

Kucharík, Milan - Olhava, Richard (Labrys o.p.s.)

#### 15:45 DISCUSSION SLOT

#### 16:30 ADAPTIVE PHOTOGRAMMETRY: THE USE OF PHOTOGRAMMETRY WITHIN THE EXCAVATION ENVIRONMENT OF INFRASTRUCTURAL ARCHAEOLOGY

Kimball, Justin - Åstveit, Leif Inge (Universitetet i Bergen)

#### 16:45 THE CONSOLIDATION OF THE PROFESSION OF ARCHAEOLOGIST IN SPAIN: THE ROLE OF PROFESSIONAL ASSOCIATIONS

Lizalde, José Ignacio (1951)

**17:00 STARTING IN THE UK COMMERCIAL ARCHAEOLOGY SECTOR: OR I THOUGHT I WAS AN ARCHAEOLOGISTS NOT JUST A DIGGER**

Forrestal, Colin (Erasmus Mundi - IPHES at URV; ClFA)

**17:15 DISCUSSION SLOT**

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**779 BOYNE TO BRODGAR: RESEARCHING NEOLITHIC MONUMENTALITY IN IRELAND AND NORTHERN BRITAIN**

**ROOM:** CCCB11A

**TIME:** 8:30 - 13:00

**THEME:** The archaeology of material culture, bodies and landscapes

**FORMAT:** Regular session

**ORGANISERS:** Sheridan, Alison (National Museums Scotland) - Cooney, Gabriel (University College Dublin)

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**ABSTRACTS**

**8:30 BOYNE TO BRODGAR: RESEARCHING NEOLITHIC MONUMENTALITY IN IRELAND AND NORTHERN BRITAIN**

Cooney, Gabriel (University College Dublin) - Sheridan, Alison (National Museums Scotland)

**8:45 A DECADE OF REMOTE SENSING IN BRÚ NA BÓINNE, CO. MEATH, IRELAND: PUTTING THE PIECES TOGETHER**

Davis, Stephen (University College Dublin) - Rassmann, Knut - Beusing, Ruth - Banffy, Eszter (Romano-Germanic Commission, Frankfurt)

**9:00 INVESTIGATIONS IN LANDSCAPE ARCHAEOLOGY IN THE BOYNE VALLEY, IRELAND AND IN ORKNEY, 2016-2018 - PRELIMINARY RESULTS OF PROSPECTIONS**

Rassmann, Knut - Bánffy, Eszter (RGK - Romano-Germanic Commission DAI) - Downes, Jane - Gibson, Julie (University of the Highlands and Islands) - Sheridan, Alison (National Museums Scotland)

**9:15 PASSAGE TOMBS LOST - RECENT (RE-)DISCOVERIES ON THE DEVENISH LANDS AT DOWTH, CO. MEATH, IRELAND**

Ni Lionain, Cliodhna (Devenish Nutrition; UCD School of Archaeology) - Davis, Stephen (UCD School of Archaeology)

**9:30 SEQUENCING MEGALITHIC ART AT KNOWTH AND OTHER PASSAGE TOMBS FROM BOYNE TO BRODGAR**

Twohig, Elizabeth (University College Cork)

**9:45 PASSAGE TOMB PEOPLE - IDENTIFYING THE SOCIAL DRIVERS OF PASSAGE TOMB CONSTRUCTION**

Smyth, Jessica (University College Dublin)

**10:00 EXPLORING AN INTERCONNECTED WEB: ORKNEY, THE BOYNE VALLEY, GROOVED WARE AND THE PASSAGE TOMB TRADITION**

Carlin, Neil (University College Dublin)

**10:15 DISCUSSION SLOT**

**11:00 MATERIAL PASTS: THE EARLIER PREHISTORIC MONUMENT COMPLEX OF BRYN CELLI DDU. RECENT RESEARCH AND COMPARISONS**

Griffiths, Seren (UCLan) - Edwards, Ben (MMU) - Reynolds, Ffion (Cadw) - Stanford, Adam (Aerial Cam)

**11:15 DARK DAYS & BRIGHT NIGHTS: THE ISLE OF ARRAN, SCOTLAND, A BOYNE TO BRODGAR CASE STUDY**

MacGregor, Gavin (Northlight Heritage) - Brophy, Kenneth (University of Glasgow)

**11:30 FROM BOYNE TO BRODGAR - BUT WHAT HAPPENED IN BETWEEN?**

Gannon, Angela (Historic Environment Scotland)

**11:45 REVISITING ORKNEY'S CHAMBERED CAIRNS**

Anderson-Whymark, Hugo (National Museums Scotland) - Ritchie, Georgina - Farrar, Steve (Historic Environment Scotland)

**12:00 CONNECTED COMMUNITIES: NEOLITHIC MONUMENTS AND LANDSCAPE IN ORKNEY AND BEYOND**

Downes, Jane - Card, Nick (University of the Highlands and Islands) - Dockrill, Stephen - Bond, Julie (University of Bradford) - Banffy, Eszter - Rassmann, Knut (RGK - Romano-Germanic Commission DAI) - Mainland, Ingrid - Gibson, Julie - Lee, Dan (University of the Highlands and Islands)

**12:15 STUDYING STONE ELEVATIONS: A NEW WAY TO COMPARE NEOLITHIC CONSTRUCTIONS**

Cousseau, Florian (UMR6566-CReAAH)

**12:30 EARLY MONUMENTALITY AND SOCIAL DIFFERENTIATION ON THE NORTH EUROPEAN PLAIN**

Mueller, Johannes (Institut fuer Ur- und Fruehgeschichte Kiel)

**12:45 DISCUSSION SLOT**

**POSTERS**

**a. TRANSECTS OF TIME: A MULTIDISCIPLINARY APPROACH TO INVESTIGATE NEOLITHIC MEGALITHIC TOMBS THROUGH GENETICS, ISOTOPES, AND RADIOCARBON DATING**

Fraser, Magdalena (Dept. Archaeology and ancient history; Dept. Organismal Biology, Evolutionary Biology Centre, Uppsala University)

## 788 TEXTILE ICONOGRAPHY FROM EUROPE AND ASIA

ROOM: UB306

TIME: 16:30 - 18:30

THEME: The archaeology of material culture, bodies and landscapes

FORMAT: Regular session

ORGANISERS: Makin, Alexandra (University of Manchester) - Rammo, Riina (University of Tartu) - Cuomo, Marianna (Università degli Studi Suor Orsola Benincasa, Napoli; LATEM - Late Antiquity and Medieval Archeology Laboratory)

### ABSTRACTS

#### 16:30 DRESSED TO DIFFER: ARTISTS, MERCHANTS, AND OTHER FIGURES IN THE PAINTINGS OF KUČA

Klein, Astrid (Leipzig University)

#### 16:45 FABRICS IN THE EARLY MIDDLE AGES AND THEIR PICTORIAL IMITATIONS: SOME CASES FROM CAMPANIA

Cuomo, Marianna (Università degli Studi Suor Orsola Benincasa)

#### 17:00 THE STITCHED ART OF TEXTILES: DEPICTIONS OF LITURGICAL GARMENTS ON TWO EARLY MEDIEVAL EMBROIDERED PRIESTLY VESTMENTS

Makin, Alexandra (University of Manchester)

#### 17:15 CARVED IN STONE: UNIQUE MEDIEVAL DEPICTIONS OF RURAL DRESS IN ESTONIA

Rammo, Riina (Researcher at the University of Tartu) - Ratas, Jaana (University of Tartu, Viljandi Culture Academy)

#### 17:30 THE OLD RUSSIAN SHIRT IN GRAPHIC AND ARCHAEOLOGICAL MATERIALS OF 11TH-17TH CENTURIES

Stepanova, Iuliia (Tver State University)

#### 17:45 DISCUSSION SLOT

## 789 FOOD AND DRINK IN ARCHAEOLOGY: MULTIDISCIPLINARY APPROACHES TO PAST FOOD PRACTICES (PART 2)

ROOM: UB408

TIME: 8:30 - 13:00

THEME: Theories and methods in archaeological sciences

FORMAT: Regular session

ORGANISERS: Delaney, Sarah (University of York) - Hondelink, Merit (University of Groningen) - Champion, Louis (University College of London - UCL, Royal Museum of Central Africa Tervuren; MRAC) - Mayor, Anne (Laboratoire Archéologie et Peuplement de l'Afrique - APA, Unité d'anthropologie du Département de génétique et évolution de l'Université de Genève - GENEV) - Vieugue, Julien (UMR CNRS 7055 Préhistoire & Technologie)



- 8:30 IDENTIFYING EPIPALEOLITHIC AND NEOLITHIC FOODSTUFFS IN SOUTHWEST ASIA: ARCHAEOBOTANICAL METHODS, RESULTS AND CHALLENGES**  
Arranz Otaegui, Amaia (University of Copenhagen) - Gonzalez Carretero, Lara (University College London) - Richter, Tobias (University of Copenhagen)
- 8:45 NEW METHOD TO TRACE CEREAL AGRICULTURE THROUGH ANALYSIS OF PRESERVED LIPIDS IN ARCHAEOLOGICAL CERAMICS**  
Hammann, Simon - Cramp, Lucy (University of Bristol)
- 9:00 PALEODIETARY RECONSTRUCTION OF THE BÜKKÁBRÁNY - BÁNYA POPULATION (EASTERN HUNGARY) THROUGH NOVEL APPLICATION OF DENTAL MICROWEAR AND STABLE ISOTOPES APPROACHES**  
Hernando, Raquel (IPHES. Institut Català de Paleoeologia Humana i Evolució Social; Area de Prehistoria, Universitat Rovira i Virgili - URV) - Gamarra, Beatriz (School of Archaeology and Earth Institute, University College Dublin) - Lozano, Marina (IPHES. Institut Català de Paleoeologia Humana i Evolució Social; Area de Prehistoria, Universitat Rovira i Virgili - URV) - Tutkovics, Eszter K. (Rétközi Museum) - Kalli, András (Budavári Ingatlanfejlesztő és Üzemeltető Nonprofit Ltd., Régészeti Szolgáltatási Főosztály) - Köhler, Kitti (Research Centre for the Humanities, Institute of Archaeology, Hungarian Academy of Sciences) - Szeniczey, Tamás - Hajdu, Tamás (Department of Biological Anthropology, Institute of Biology, Faculty of Science, Eötvös Loránd University) - Feeney, Robin N. M. (School of Medicine, University College Dublin) - Pinhasi, Ron (Department of Anthropology, University of Vienna)
- 9:15 TYPOLOGICAL AND ANALYTICAL STUDY OF TWO COMBUSTION STRUCTURES FROM THE EARLY IRON AGE SETTLEMENT OF THE SANT JAUME COMPLEX (CATALUNYA)**  
Saorin, Carme (GRAP - Universitat de Barcelona)
- 9:30 BEER PRODUCTION AND CONSUMPTION IN ANCIENT CHINA**  
Wang, Jiajing - Liu, Li (Stanford University)
- 9:45 POWER, PROVISIONING, POTS, AND PIGS AT PETSAS HOUSE, MYCENAE**  
Trusty, Debra (University of Iowa) - Meier, Jacqueline (Trent University) - Price, Gypsy (Appalachian State University) - Shelton, Kim (University of California, Berkeley)
- 10:00 DISCUSSION SLOT**
- 11:00 CUISINE IN TRANSITION: ORGANIC RESIDUE ANALYSIS OF SICILIAN COOKING POTS**  
Lundy, Jasmine (University of York)
- 11:15 FISH CONSUMPTION AT VILNIUS LOWER CASTLE (13TH-17TH C.)**  
Blaževicius, Povilas (National Museum – Palace of the Grand Dukes of Lithuania; Vilnius University, Faculty of History, Department of Archaeology) - Piličiauskienė, Giedrė (Vilnius University, Bioarchaeology Research Centre) - Tetereva, Diana (Vilnius Toy museum)

**11:30 LET'S GET EXPERIMENTAL: USING EXPERIMENTAL ARCHAEOLOGY TO ASSESS ORAL INHALATION OF STARCH GRANULES DURING CEREAL PROCESSING**

Delaney, Sarah - Alexander, Michelle - Radini, Anita (University of York)

**11:45 EXPLORING TRANSFORMING DIETS IN INDUSTRIALIZED SOCIETIES (LATE 18TH TO 19TH CENTURY): A DIRECT ISOTOPIC APPROACH**

Chidimuro, Blessing - Alexander, Michelle (University of York) - Collins, Matthew (University of York; Natural History Museum, University of Copenhagen)

**12:00 THE INFLUENCE OF THERMAL PROCESSING OF DRINKING WATER ON ISOTOPIC COMPOSITION OF OXYGEN IN BONE APATITES- ANIMAL-BASED MODEL**

Lisowska-Gaczorek, Aleksandra (Institute of Zoology and Biomedical Research Jagiellonian University; Institute of Ecology and Bioethics Cardinal Stefan Wyszyński University in Warsaw) - Cienkosz-Stepańczyk, Beata - Szostek, Krzysztof (Institute of Zoology and Biomedical Research Jagiellonian University)

**12:15 THE TRUTH LIES WITHIN THE POT: EXPERIMENTAL APPROACHES TO THE RECONSTRUCTION OF PREHISTORIC CULINARY PRACTICES THROUGH MICROBOTANICAL ANALYSES**

García-Granero, Juan José (School of Archaeology, University of Oxford) - Urem-Kotsou, Dushka - Lymperaki, Marianna (Department of History and Ethnology, Democritus University of Thrace) - Stagkidis, Yiannis (Traditional potter) - Bogaard, Amy (School of Archaeology, University of Oxford)

**12:30 DISCUSSION SLOT****POSTERS****a. BONE GREASE RENDERING OR MEAL BOILING? AN INTEGRATED ARCHAEOZOOLOGICAL AND BIOCHEMICAL APPROACH TO THE STUDY OF FOOD AND CULINARY PRACTICES**

Tornero, Carlos - Ferratges - Kwekel, Eloísa (Departament de Prehistòria. Universitat Autònoma de Barcelona) - Villarroya, Ignacio (Servei d'Anàlisis Químiques. Universitat Autònoma de Barcelona) - Saña, Maria (Departament de Prehistòria. Universitat Autònoma de Barcelona)

**b. CHEMICAL DETERMINATION OF ANCIENT DAIRY PRODUCTS AND MILLET IN THE CORDER WARE BURIAL LATE ENEOLITHIC CONTEXT FROM MORAVIA (CZECH REPUBLIC)**

Peška, Jaroslav (Archeologické centrum Olomouc)

**c. CURRENT ETHNOBOTANY FOR INTERPRETING ARCHAEOBOTANICAL REMAINS: THE CASE OF "GRÜNKERN" (TRITICUM SPELTA)**

Berihuete-Azorin, Marian - Stika, Hans-Peter (Institut für Botanik, Hohenheim Universität) - Valamoti, Sultana (Dept of Archaeology, School of History and Archaeology, Aristotle University of Thessaloniki)

- d. MORPHOMETRIC ANALYSIS OF ROMAN GRAPE SEEDS FROM THE ARCHAEOLOGICAL SITE OF TORRES DOS NAMORADOS (FUNDÃO, PORTUGAL)**  
 Coradeschi, Ginevra (Laboratório HERCULES, Universidade de Évora) - Ucchesu, Mariano - Bacchetta, Gianluigi (Banca del Germoplasma della Sardegna - BG-SAR, Hortus Botanicus Karalitanus - HBK, Università degli Studi di Cagliari) - Alegria Ribeiro, Carla (Independent Archaeologist) - Angelo, Maria João (4CEAACP: Centro de Estudos em Arqueologia Artes e Ciências do Património, Faculdade de Letras da Universidade de Coimbra | Fundação para a Ciência e Tecnologia - FCT) - Eiras Dias, José Eduardo - Cunha, Jorge - Baleiras-Couto, M. Margarida (Instituto Nacional de Investigação Agrária e Veterinária / INIAVPólo de Dois Portos) - Sadori, Laura (Università La Sapienza, Dipartimento di Biologia Ambientale) - Barrocas Dias, Cristina (Laboratório HERCULES, Universidade de Évora)
- e. UNDERSTANDING RITUALS IN GRAVISCA SITE: A MULTIDISCIPLINARY APPROACH**  
 Patrizi, Giulia (Laboratory of Archaeobotany and Palaeoecology, University of Salento) - Pennetta, Antonio (Laboratory of Chemical Analyses for Cultural Heritage, University of Salento) - Fiorini, Lucio (University of Perugia) - De Benedetto, Giuseppe Egidio (Laboratory of Chemical Analyses for Cultural Heritage, University of Salento) - Debono Spiteri, Cynthianne (University of Tübingen, Institute for Prehistory and Early History and Medieval Archaeology) - Fiorentino, Girolamo (Laboratory of Archaeobotany and Palaeoecology, University of Salento)
- f. MILKTEETH: CALCIUM ISOTOPE ANALYSIS OF HUMAN DENTAL ENAMEL FROM MODERN AND ARCHAEOLOGICAL PERMANENT TEETH**  
 Wright, Carrie (BioArCh, Department of Archaeology, University of York; Department of Geosciences, Stony Brook University; Department of Anthropology, Stony Brook University) - Rasbury, E. Troy (Department of Geosciences, Stony Brook University) - Kucine, Allan (Department of Oral & Maxillofacial Surgery, Stony Brook University) - Twiss, Katheryn (Department of Anthropology, Stony Brook University) - Collins, Matthew (BioArCh, Department of Archaeology, University of York; Natural History Museum of Denmark, University of Copenhagen)
- g. WEST LITHUANIAN SUBADULT DIET DURING LATE ROMAN AND EARLY MIGRATION PERIODS BASED ON ISOTOPIC DATA FROM HUMAN TEETH**  
 Simcenka, Edvardas (Department of Archaeology, Faculty of History, Vilnius University) - Bliujienė, Audronė (The Institute of Baltic Region History and Archaeology, Klaipėda University) - Skipitytė, Raminta - Garbaras, Andrius (Mass Spectrometry Laboratory, Department of Nuclear Research, Center for Physical Sciences and Technology) - Miliauskienė, Žydrūnė (Department of Anatomy, Histology and Anthropology, Faculty of Medicine, Vilnius University) - Šapolaitė, Justina - Ežerinskis, Žilvinas (Mass Spectrometry Laboratory, Department of Nuclear Research, Center for Physical Sciences and Technology) - Masiulienė, Ieva (The Institute of Baltic Region History and Archaeology, Klaipėda University) - Piličiauskienė, Giedrė (Bioarchaeology Research centre, Vilnius University) - Čeponkus, Justinas (Institute of Chemical Physics, Faculty of Physics, Vilnius University)



