

Mathematical Models in Prehistoric Cultural Evolution

2024 Nov 26th - 28th

TOKYO ELECTRON House of Creativity, Tohoku University, Sendai, Japan

Program

Nov 26th

1400-1415 Joe Wakano

Opening

1430-1530 Alex Mesoudi

An introduction to the theory of cultural evolution

1530-1630 Joe Wakano

Eco-cultural range expansion model of modern humans

Nov 27th

0930-1030 Kohei Tamura

PaleoAsiaDB and toward a simulation study of the replacement of archaic humans by modern humans

1030-1130 Jonathan Paige

Developing infrastructure to help integrate cultural evolution models with the Pleistocene archaeological record

lunch break

1300-1400 Yutaka Kobayashi

Exploratory statistical analyses of Mode presence/absence data in PaleoAsiaDB and a GUI tool

1400-1500 Bret Beheim

The Problem of Missingness in Historical, Evolutionary and Ethnographic Datasets

1500-1600 Adam Powell

DeMIGOD: A gene-culture coevolution simulation framework for human

prehistory

1800- workshop dinner

Nov 28th

0930-1030 Alfredo Cortell-Nicolau

Demographic interactions for the last hunter-gatherers and the first farmers

1030-1130 Mathias Currat

Inferring Population Interactions During Range Expansion Using
Paleogenomic Data

1130-1230 Joaquim Fort

Cultural transmission in human range expansions and Neolithic estimations

lunch break

1300-1700

General Discussion