

International Symposium

Insights into Human History in the Eurasian Stone Age: Recent Developments in Archaeology, Palaeoanthropology, and Genetics

Date: September 27 – 29, 2022

Venue: TOKYO ELECTRON House of Creativity, Tohoku University

Organizers: Katsuhiko Sano, Masami Izuho, Kohei Tamura, & Stefano Benazzi

PROGRAM

SEPTEMBER 27 (TUESDAY)

11:00 – 13:00 Registration

13:00 – 13:10 Opening address

Katsuhiko Sano (Deputy Director, Center of Northeast Asian Studies, Tohoku University)

13:10 – 13:20 Greetings

Akira Ono (Honorary President of Asian Palaeolithic Association/ Emeritus Professor, Tokyo Metropolitan University)

Session 1: Migration of archaic humans into Central and Northeast Asia (Chair: Stefano Benazzi)

13:20 – 14:20 Keynote lecture: Neanderthal migration to the East

Kseniya A. Kolobova

14:20 – 14:40 Coffee break

14:40 – 15:00 *Viviane Slon*

Genetic studies on Denisovans and Neanderthals

15:00 – 15:20 *Viviane Slon*

Inferences on the genetic history of Eurasia based on sedimentary ancient DNA

15:20 – 15:40 *Olaf Jöris & Marcel Weiss*

The spatio-temporal patterning of *Keilmessergruppen* assemblages: Implications for Neanderthal dispersal and migrations

15:40 – 16:00 *Yoshihiro Nishiaki*

Teshik-Tash Neanderthal lithic industry in the context of Neanderthal dispersals

16:00 – 16:20 Coffee break

16:20 – 16:40 *Xing Song*

Discussion on the evolutionary status of mainland East Asian late Middle Pleistocene archaic *Homo* [online]

16:40 – 17:00 *Dongju Zhang, Frido Welker, Chuan-Chou Shen, Bo Li, Jean-Jacques*

Hublin, Svante Pääbo, Qiaomei Fu, & Fahu Chen

Denisovans from Baishiya Karst Cave on the Tibetan Plateau [online]

- 17:00 – 17:20 *Xing Gao*
The complexity of the Middle and Upper Paleolithic industries in China and implications for trajectories of hominid evolution in the region [online]
- 17:20 – 17:40 *Katerina Douka*
What we know about Denisovans: An overview of current fossils, archaeology, chronology and geographic spread [online]
- 17:40 – 18:00 *Frido Welker*
Palaeoproteomics for human evolution
- 18:00 – 18:10 Coffee break
- 18:10 – 18:50 Discussion

SEPTEMBER 28 (WEDNESDAY)

- 08:50 – 9:00 Greetings
Motoko Kotani (Executive Vice President for Research, Director of Tohoku Forum for Creativity, Tohoku University)
- Session 2: Origin and expansion of *Homo sapiens* in western Eurasia** (Chair: Masami Izuhou)
- 09:00 – 10:00 Keynote lecture: Origin and expansion of *Homo sapiens* in western Eurasia
Jean-Jacques Hublin
- 10:00 – 10:20 Coffee break
- 10:20 – 10:40 *Israel Hershkovitz*
Pre-Neanderthals and modern humans in the Levant during the late Middle Pleistocene: A perspective from the Neshar Ramla *Homo* fossil
- 10:40 – 11:00 *Seiji Kadowaki*
Multiple pathways to the Upper Paleolithic? Geographic variability in the Middle to Upper Paleolithic transition in the Levant
- 11:00 – 11:20 *Andrea Columbu*
MIS3 palaeoclimate and palaeoenvironment in western Eurasia
- 11:20 – 11:40 *Cosimo Posth*
The genomic profile of Upper Paleolithic European hunter-gatherers
- 11:40 – 12:00 *Tsenka Tsanova*
The Initial Upper Palaeolithic at Bacho Kiro Cave and in the Eastern Balkan area [online]
- 12:00 – 13:30 Lunch
- 13:30 – 13:50 *Andrea Picin*
Cultural perspectives on early dispersals of *Homo sapiens* in Central Europe and Eastern European Plains
- 13:50 – 14:10 *Stefano Benazzi*
ERC project SUCCESS: The earliest migration of *Homo sapiens* in southern Europe

- 14:10 – 14:30 *Katsuhiro Sano, Simona Arrighi, Lisa Vaccari, Stefano Benazzi, & Adriana Moroni*
Advanced projectile technology of the earliest *Homo sapiens* in Europe
- 14:30 – 14:50 *Sahra Talamo*
What a precise clock! ERC project RESOLUTION provides more refine chronology of the Initial and Early Upper Palaeolithic in Europe [online]
- 14:50 – 15:00 Coffee break
- 15:00 – 15:40 Discussion

Special Session: The Japanese Palaeolithic: Isolation and cultural exchanges (Chair: Kohei Tamura)

- 16:00 – 16:40 Special lecture: Another Palaeolithic frontier: Modeling the earliest seafaring in East Asia
Yousuke Kaifu
- 16:40 – 17:00 *Katsuhiro Sano, Shunsuke Totsuka, Masami Izuhō, & Kazuki Morisaki*
The spatio-temporal patterns of early Upper Palaeolithic assemblages in the Japanese islands
- 17:00 – 17:20 *Kazuki Morisaki*
Middle and late Upper Palaeolithic in the Japanese archipelago: Local development and continental influence
- 17:20 – 17:40 *Fumie Iizuka*
Ecosystem change and decisions for pottery using foraging: Late Pleistocene cases from the Japanese archipelago
- 17:40 – 18:00 *Hiroki Oota*
Ancient genome analysis of human remains in the Japanese archipelago
- 18:00 – 18:10 Coffee break
- 18:10 – 18:40 Discussion

SEPTEMBER 29 (THURSDAY)

Session 3: The earliest migration of *Homo sapiens* into Central and Northeast Asia (Chair: Katsuhiro Sano)

- 09:30 – 9:50 *Ted Goebel*
Problems and prospects in the study of modern-human dispersal in Northern Asia
- 9:50 – 10:10 *Masami Izuhō*
Early adaptations into tundra landscape by modern humans: A case study of the Initial Upper Paleolithic in Mongolia and Transbaikal, Russia
- 10:10 – 10:30 *Nicolas Zwyns*
Exploring the variability of IUP assemblages using a techno-economic approach: The example of Tolbor-16, Mongolia
- 10:30 – 10:50 Coffee break
- 10:50 – 11:10 *Evgeny Rybin, Kseniya Kolobova, & Arina Khatsenovich*

Initial Upper Paleolithic of Southern Siberia and Central Asia: Continuity and variability

11:10 – 11:30 *Feng Li*

Understanding the Initial Upper Paleolithic of China in a regional context of Eastern Eurasia
[online]

11:30 – 11:50 *Fei Peng, Huimin Wang & Xing Gao*

New progress on the excavation and research of Shuidonggou site complex [online]

11:50 – 12:10 *Xiaowei Mao*

Genetic insight into northern East Asia during the period of Ice Age and Paleolithic-Neolithic
transition [online]

12:10 – 14:00 Lunch

14:00 – 14:20 *Steven Kuhn*

The Initial Upper Paleolithic in Asia: Is it still a useful concept?

14:20 – 15:20 Keynote lecture: Pitfalls and progress in dating the earliest appearance of *Homo sapiens* in Central
and Northeast Asia [online]

Tom Higham

15:20 – 16:00 Discussion

Poster Session 16:30 – 18:00