

Thursday.14.2023

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09:00 Welcome & Introduction
Katerina Harvati, Gerhard Jäger, and Cosimo Posth

Session: Biological adaptation in humans
Chaired by *Cosimo Posth*

09:30 **Iain Mathieson**, University of Pennsylvania (in person)
“Genetics, environment, culture and the evolution of human stature”

10:00 **Anna di Rienzo**, University of Chicago (in person)
“The history of human functional evolution: adaptations to high altitude”

10:30 Coffee Break

11:00 **Aida Andrés**, University College London (via zoom)
“Human local genetic adaptation to life in cold habitats”

11:30 **Lara R. Arauna**, University of Tübingen (in person)
“Biological adaptive history of Oceanians”

12:00 **Guy Sella**, Columbia University (in person)
“Simple scaling laws control the genetic architectures of human complex traits”

12:30 Plenum Discussion

13:00 - 14:30 Lunch

Session: Genetics of human phenotype variation
Chaired by *Katerina Harvati*

14:30 **Ruth Ley**, MPI Tübingen (in person)
“Integrating host-microbiota interactions into human evolution”

15:00 **Tesla Monson**, Western Washington University (in person)
“Investigating the evolution of phenotype:genotype patterning requires spanning scales from molecular to geological”

15:30 **George Perry**, Pennsylvania State University (via zoom)
“An integrative skeletal and paleogenomic analysis of stature variation suggests relatively reduced health for early European farmers”

16:00 Coffee Break

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- 16:30 **Brenna Henn**, UC Davis (in person)
“Global Population Genomics for Genetic Architecture”
- 17:00 **Mashaal Sohail**, Uni Nacional Autónoma de México (in person)
“Mexican Biobank advances population and medical genomics of diverse ancestries”
- 17:30 **Alicia Martin**, Massachusetts General Hospital (via zoom)
“Genomics for the world: a comprehensive framework for genetic studies in diverse modern humans”
- 18:00 Plenum Discussion

Friday.15.2023

Friday 15.12.2023

Session: Archaic hominins: genetics and morphology

Chaired by *Katerina Harvati*

- 09:00 **David Gokhman**, Weizmann Institute of Science (via zoom)
“Identifying Denisovan Specimens using DNA Methylation Maps”
- 09:30 **Philipp Gunz**, MPI Leipzig (in person)
“Decoding the evolution of human cranial shape”
- 10:00 **Katerina Harvati**, University of Tübingen (in person)
“Exploring the relationship between skeletal phenotype and neutral genetic variation”

10:30 Coffee Break

- 11:00 **Tony Capra**, University of California (in person)
“Resurrecting ancient molecular phenotypes using machine learning”
- 11:30 **Janet Kelso**, MPI Leipzig (in person)
“Hominin gene flow in the Pleistocene”
- 12:00 **Fernando Racimo**, University of Copenhagen (via zoom)
“Adaptation in human societies: from the Holocene to the Capitalocene”
- 12:30 Plenum Discussion

13:00 - 14:30 Lunch

Friday.15.2023

Session: Cognitive evolution and language
Chaired by *Gerhard Jäger*

14:30 **Dan Dediu**, ICREA/University of Barcelona (in person)
“Genes and cultural evolution influence language at multiple levels:
focusing on the vocal tract and speech”

15:00 **Wolfgang Enard**, LMU München (in person)
“A molecular perspective on speech and language evolution”

15:30 Coffee Break

16:00 **Cedric Boeckx**, ICREA/University of Barcelona (in person)
“How did we become hunter-gatherers of words: Seeking to link
genotype and phenotype”

16:30 **Brian Hare**, Duke University (via zoom)
“Dogs and humans evolved cooperative-communication through
self-domestication”

17:00 Discussion