Virtual Conference Agenda

<table>
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<tr>
<th>Start (GMT)</th>
<th>Finish (GMT)</th>
<th>Presenter details</th>
</tr>
</thead>
</table>

**Tuesday 2 November 2021**

**12:00**  **12:10**  **Welcome**

**Scientific Programme Committee:**
- Marta Mirazon Lahr, University of Cambridge, UK
- Lluis Quintana-Murci, Institut Pasteur & Collège de France, France
- Carina Schlebusch, Uppsala University, Sweden
- Michael Westaway, The University of Queensland, Australia

**12:10**  **13:00**  **Keynote lecture 1**

Introduction to the session
Chair: Lluis Quintana-Murci

**12:10**  **12:40**  **The history of human functional evolution: adaptations to high altitude**
Anna Di Rienzo, University of Chicago, USA

**12:40**  **13:00**  **Q&A**
Chair: Lluis Quintana-Murci
Moderator: Marta Mirazon Lahr

**13:00**  **13:20**  **Break**

**13:20**  **14:50**  **Session 1: Human adaptation**

Introduction to the session
Chair: Lluis Quintana-Murci

**13:20**  **13:40**  **Humans adapting to their new homes: the fine-scale evolution of cold receptor TRPM8 in Europe**
Aida Andres, UCL, UK

**13:40**  **14:00**  **The Middle Pleistocene cranium from Harbin establishes a new human lineage in China**
Chris Stringer, Natural History Museum, UK

**14:00**  **14:10**  **Human-chimp hybrid cells reveal gene regulatory evolution underlying skeletal divergence**
David Gokhman, The Weizmann Institute of Science, Israel
14:10 14:20 The genomic signatures of natural selection in recently admixed human populations
Sebastian Cuadros Espinoza, Institut Pasteur, France

14:20 14:50 Q&A
Chair: Lluis Quintana-Murci
Moderator: Marta Mirazon Lahr

14:50 16:50 Poster session I
14:50 15:05 Poster session I lightning talks
15:05 15:35 Poster session I

15:35 17:25 Session 2: Human evolution and disease
Introduction to the session
Chair: Marta Mirazon Lahr

15:35 15:55 The relevance of life history hypotheses to nutrition intervention promoting child
growth and development
Rihlat Said Mohamed, University of Cambridge, UK

15:55 16:15 Changing patterns in health and disease: Insights into complex hunter-gatherers and
farmers on the periphery of Southeast Asia
Marc Oxenham, University of Aberdeen, UK

16:15 16:35 Using ancient and present-day DNA to infer the changing landscape of natural selection
Iain Mathieson, University of Pennsylvania, USA

16:35 16:45 The architecture of gene regulation in Indonesia identifies QTLs associated with global and
local ancestries
Irene Gallego Romero, University of Melbourne, Australia

16:45 16:55 The impact of demography in functional variation: whole-exome analysis in Tunisian
Imazighen and Arabs
Marcel Lucas-Sánchez, Universitat Pompeu Fabra, Spain

16:55 17:25 Q&A
Chair: Marta Mirazon Lahr
Moderator: Lluis Quintana-Murci
Wednesday 3 November 2021

**Session 3: Ancient and modern genetic admixture**

**12:00**  **13:30**  Introduction to the session  
Chair: Carina Schlebusch

**12:00**  **12:20**  Genomic insights into the population history and biological adaptation in Pacific Islands  
Etienne Patin, Institut Pasteur, France

**12:20**  **12:40**  The population history of northern and southern East Asia  
Qiaomei Fu, Chinese Academy of Sciences, China

**12:40**  **12:50**  A Philippine ethnic group with the most Denisovan DNA  
Maximilian Larena, Uppsala University, Sweden

**12:50**  **13:00**  A Genetic History of Continuity and Mobility in the Iron Age Central Mediterranean  
Hannah Moots, University of Chicago, USA

**13:00**  **13:30**  Q&A  
Chair: Carina Schlebusch  
Moderator: Michael Westaway

**13:30**  **13:50**  Break

**Session 4: Inferring human demography from genomic data**

**13:50**  **15:20**  Introduction to the session  
Chair: Lluis Quintana-Murci

**13:50**  **14:10**  Human germline mutation and the erratic evolutionary clock  
Priya Moorjani, UC Berkeley, USA

**14:10**  **14:30**  The phenotypic impact of Neandertal introgression in modern humans  
Michael Dannemann, Tartu University, Estonia

**14:30**  **14:40**  The mixed genetic origin of the first farmers of Europe  
Nina Marchi, Institute for Ecology and Evolution, Switzerland

**14:40**  **14:50**  Population diversity of Austroasiatic speakers: Complex substructure, multiple admixture and language replacement  
Debashree Tagore, National Institute of Biomedical Genomics, India

**14:50**  **15:20**  Q&A  
Chair: Lluis Quintana-Murci  
Moderator: Carina Schlebusch
### 16:05 - 17:35  Session 5: Population structure

**Introduction to the session**
Chair: Carina Schlebusch

**16:05 - 16:25** Population structure and demographic history of Bantu speakers from South Africa  
*Dhriti Sengupta, University of the Witwatersrand, South Africa*

**16:25 - 16:45** Reconstructing human migrations from genomic data across Latin America and the Pacific  
*Andres Moreno Estrada, Langebio, Cinvestav, Mexico*

**16:45 - 16:55** Haplotype-based recent ancestry sharing methods reveal fine-scale genetic structure in West and Central Africa  
*Nancy Bird, University College London, UK*

**16:55 - 17:05** Population structure in Europe has been stable from the Iron Age onward, despite high mobility  
*Margaret Antonio, Stanford University, USA*

**17:05 - 17:35** Q&A  
Chair: Carina Schlebusch  
Moderator: Marta Mirazon Lahr
# Thursday 4 November 2021

<table>
<thead>
<tr>
<th>Time</th>
<th>Session 6: Palaeoanthropology/human evolution</th>
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<tbody>
<tr>
<td>12:00</td>
<td>Introduction to the session</td>
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<td>Chair: Marta Mirazon Lahr</td>
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<tr>
<td>12:00</td>
<td>New Neanderthal remains from Shanidar Cave, Iraqi Kurdistan</td>
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<td><em>Emma Pomeroy, University of Cambridge, UK</em></td>
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<td>12:20</td>
<td>The Paleobiology, paleoecology, and biogeography of the earliest Australopithecus: New insights from Woranso-Mille (Ethiopia)</td>
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<td><em>Yohannes Haile-Selassie, Cleveland Museum of Natural History, USA</em></td>
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<td>12:40</td>
<td>A revision of the Border Cave 1 cranium</td>
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<td><em>Amelie Beaudet, University of Cambridge, UK</em></td>
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<td>12:50</td>
<td>Deciphering the biological bases of endocranial globularity in modern humans</td>
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<td><em>Barbara Molz, Max Planck Institute for Psycholinguistics, The Netherlands</em></td>
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<tr>
<td>13:00</td>
<td>The Developmental Impacts of Natural Selection on Human Pelvic Morphology</td>
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<td><em>Terence Capellini, Harvard University, USA</em></td>
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<td>13:10</td>
<td>Q&amp;A</td>
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<td>Chair: Marta Mirazon Lahr</td>
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<td>Moderator: Michael Westaway</td>
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<td>13:40</td>
<td>Break</td>
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<tr>
<th>Time</th>
<th>Session 7: Languages, culture and history</th>
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<td>14:00</td>
<td>Introduction to the session</td>
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<td>Chair: Carina Schlebusch</td>
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<tr>
<td>14:00</td>
<td>Language and human history</td>
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<td><em>Michael Dunn, Uppsala University, Sweden</em></td>
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<td>14:20</td>
<td>The roles of contact and inheritance in generating the linguistic diversity of pre-Bantu southern Africa</td>
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<td><em>Anne-Maria Fehn, CIBIO, Portugal</em></td>
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<td>14:40</td>
<td>Assessing human genome-wide variation in the Massim region of Papua New Guinea and implications for the Kula trading tradition</td>
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<td><em>Dang Liu, Max Planck Institute for Evolutionary Anthropology, Germany</em></td>
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<td>Time</td>
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<td>14:50</td>
<td>Q&amp;A</td>
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<td>15:20</td>
<td>Break</td>
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<td>15:40</td>
<td><strong>Keynote lecture 2</strong></td>
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<td>Introduction to the session</td>
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<td>15:40</td>
<td><strong>The Sapiens-Neandertal Connection</strong></td>
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<td>16:10</td>
<td>Q&amp;A</td>
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<td>16:30</td>
<td>Closing remarks</td>
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