

Hybrid Conference Programme

Start (BST)	Finish (BST)	Presenter details
Monday 3 June 2024		
12:00	13:00	Registration, lunch and networking
12:45	13:00	<i>Briefing for Keynote & Session 1 speakers, microphone runners, chair, moderator & committee - Auditorium</i>
13:00	13:10	Welcome Scientific Programme Committee: Selina Brace, Natural History Museum, UK Hernán A Burbano, UCL, UK Greger Larson, Oxford University, UK Anne Stone, Arizona State University, USA
13:10	14:10	Keynote 1 <i>Chair: Greger Larson</i> <i>Moderator: Anne Stone</i> Palaeoproteomics in Archaeology: Recent Applications and Perspectives Jessica Hendy, University of York, UK
14:10	14:15	Comfort break
14:15	15:45	Session 1: Ancient Proteins <i>Chair: Greger Larson</i> <i>Moderator: Anne Stone</i>
14:15	14:45	Evolutionary proteomics: opportunities and challenges Enrico Cappellini, University of Copenhagen, Denmark
14:45	15:15	Spectral shadows in the dark proteome Matthew Collins, University of Cambridge, UK
15:15	15:30	10 million years of ancient proteins from equids of the Iberian peninsula <i>Johanna Krueger, Universitat Pompeu Fabra (IBE), Spain</i>
15:30	15:45	Revealing Ritual Sacrifices in Sanxingdui: Ancient Protein Insights from Bronze Age China SE <i>Xuekai Qi, Northwest University, China</i>
15:45	16:30	Refreshment break and networking
16:15	16:30	<i>Briefing for Session 2 speakers, microphone runners, chair & moderator - Auditorium</i>
16:30	18:00	Session 2: Ancient Animals <i>Chair: Anne Stone</i> <i>Moderator: Hernán A Burbano</i>
16:30	17:00	Ancient Cattle Genomics and the imprint of human agency Victoria Mullin, Trinity University, Ireland
17:00	17:30	Evolutionary history of collared lemmings across the Pleistocene Edana Jean Lord, Stockholm University, Sweden
17:30	17:45	Ancient RNA expression profiles from the extinct woolly mammoth <i>Emilio Mármo Sánchez, University of Copenhagen, Denmark</i>
17:45	18:00	First insights into the population genomics of the extinct Darwin's ground sloth (<i>Mylodon darwini</i>) from Cueva del Milodón, Chile <i>Maria Zicos, Natural History Museum, UK</i>
18:00	21:00	Dinner
18:00		Bar open (card payments only)

Tuesday 4 June 2024		
07:30	09:00	Breakfast
09:15	09:30	Briefing for Session 3 speakers, microphone runners, chair & moderator - Auditorium
09:30	11:00	Session 3: Ancient Microbes and Marine Fauna
		<i>Chair: Anne Stone</i> <i>Moderator: Selina Brace</i>
09:30	10:00	Exploring temporal and geographic microbial diversity with <i>de novo</i> assembled genomes from ancient metagenomes Irina Velsko, Max Planck Institute for Evolutionary Anthropology (MPI-EVA), Germany
10:00	10:30	Functional palaeogenomics reveals how industrial farming drove the evolution of virulence in a ubiquitous chicken virus Laurent Frantz, Ludwig Maximilian University of Munich, Germany
10:30	10:45	A century of history in clonal lineages of the rice blast fungus <i>Sergio Latorre, University College London, UK</i>
10:45	11:00	Temporal change and human impacts in marine ecosystems revealed by ancient DNA and genomics <i>Bastiaan Star, University of Oslo, Norway</i>
11:00	11:45	Refreshment break and networking
11:30	11:45	Briefing for Session 4 speakers, microphone runners, chair & moderator - Auditorium
11:45	13:15	Session 4: Ancient Plants
		<i>Chair: Herman Burbano</i> <i>Moderator: Greger Larson</i>
11:45	12:15	Tracking molecular mechanisms of plant adaptation to climate change with herbaria Patricia Lang, University of California, Berkeley, USA
12:15	12:45	Unravelling the origins and discovering signatures of selection in historical European tomato genomes Simon Aeschbacher, University of Zurich, Switzerland
12:45	13:00	Exploring the Negev Highlands' Wine Legacy through Ancient DNA Analysis in Late Antiquity <i>Meirav Meiri, Tel Aviv University, Israel</i>
13:00	13:15	Exploring past diversity of the wild relatives of rice endemic to the Americas <i>Maria Navarrete Rodriguez, King Abdullah University of Science and Technology, Saudi Arabia</i>
13:15	14:30	Lunch and networking
14:15	14:30	Briefing for Session 5 speakers, microphone runners, chair & moderator - Auditorium
14:30	16:00	Session 5: Ancient Environmental DNA
		<i>Chair: Selina Brace</i> <i>Moderator: Anne Stone</i>
14:30	15:00	Human pre-history from environmental DNA Ben Vernot, Max Planck Institute for Evolutionary Anthropology, Germany
15:00	15:30	Ancient DNA from deep-time sediments Peter Heintzman, University of Stockholm, Sweden
15:30	15:45	Uncovering the long-term sensitivity of Southern Ocean phytoplankton to Antarctic climate change using novel geochemical and ancient DNA proxies <i>Charlotte Greenall, University of Exeter, UK</i>
15:45	16:00	The use of sedimentary ancient DNA to study biotic responses to past climate warming in the Central Arctic Ocean <i>Flore Wijnands, Stockholm University, Sweden</i>
16:00	16:30	Refreshment break and networking
16:30	17:30	Session 6: Better methods more resolution
		<i>Chair: Selina Brace</i> <i>Moderator: Greger Larson</i>
16:30	16:45	Expanding Pleistocene bone proteome size and coverage by consecutive digestion with multiple proteases <i>Zandra Fagermäs, University of Copenhagen, Denmark</i>
16:45	17:00	What's (read) size got to do with it?: An assessment of reference bias and spurious mapping <i>Stephanie Dolenz, Stockholm University, Sweden</i>
17:00	17:15	How to paint a dog: limits of local ancestry inference in ancient genomes <i>Katia Bougiouri, Globe Institute, University of Copenhagen, Denmark</i>
17:15	17:30	aMeta: a computational method for data-driven ancient metagenomic analysis <i>Nikolay Oskolkov, Lund University, Sweden</i>

17:30	18:10	Poster pitch talks for even number posters
		<i>Chair: Selina Brace</i>
18:10	19:30	Poster session 2 - even number posters
19:30	21:00	Dinner
19:30		Bar open (card payments only)

Wednesday 5 June 2024

07:30	09:00	Breakfast
09:15	09:30	Briefing for Session 6 speakers, microphone runners, chair & moderator - Auditorium
09:30	11:00	Session 7: Conservation and Extinction <i>Chair: Greger Larson</i> <i>Moderator: Hernan Burbano</i>
09:30	10:00	Colonial Conservation: Diachronic Genomic Analysis of the Lions from the Roosevelt Expedition Ellie Armstrong, Washington Research Foundation, USA
10:00	10:30	Museum enabled conservation of the Galapagos giant tortoises Evelyn Jensen, University of Newcastle, UK
10:30	10:45	Genetic and ecological characterisation of the extinct hartebeest (<i>Alcelaphus</i> sp.) population in the Levant <i>Uri Wolkowski, University of Haifa, Israel</i>
10:45	11:00	Spatiotemporal Phylogeography of the African Wild Dog <i>Amelia Ramage, Zoological Society of London, UK</i>
11:00	11:45	Refreshment break and networking
11:30	11:45	Briefing for Keynote, microphone runners, chair, moderator & committee - Auditorium
11:45	12:45	Keynote 2 <i>Chair: Selina Brace</i> <i>Moderator: Hernan Burbano</i> The role of climate in shaping the past demography of animals and humans Andrea Manica, University of Cambridge, UK
12:45	13:00	Closing remarks and prize presentation Scientific Programme Committee: Selina Brace, Natural History Museum, UK Hernán A Burbano, UCL, UK Greger Larson, Oxford University, UK Anne Stone, Arizona State University, USA
13:00	13:50	Lunch and departures
13:50		Coach departures for Stansted and Heathrow airports
14:00		Coach departures for Cambridge train station and city centre