



Maximising data from Palaeolithic bone: methods, integration and application

Online workshop, Tuesday 10th March 2026

Time (GMT)	Speaker	Title
09:20	Ruebens, Karen	Introduction
Chronology and dating		Chair: Karen Ruebens
09:30	Adams, Neil	Dating historically collected material in museums: the case of the Upnor elephant
09:40	Talamo, Sahra	Back to Zero: Where do we stand with the Châtelperronian?
09:50	Casaccia, Nicole	A multidisciplinary approach redefining Central Europe's earliest complex toolmaking: the case of the ivory boomerang from Oblazowa Cave (Poland)
10:00	Discussion	
10:30	Coffee break (20 mins)	
Taphonomy and human behaviour		Chair: Anna Wagner
10:50	Raymond, Pauline	Integrating ZooMS and taphonomy further highlights differential butchery strategies and Neandertal cannibalism in the Quina Mousterian of Les Pradelles (southwest France)
11:00	Jallon, Anaëlle	Don't judge a bone by its color! A taphonomical investigation of bone faunal material from Amud Cave (Israel)
11:10	Peters, Carl	The impact of heating on bone protein preservation and its implications for palaeoproteomics
11:20	Brotos, Lisa	Applying palaeoproteomics to Middle Palaeolithic faunal assemblage from the Adriatic Region
11:30	Discussion	
12:00	Lunch break (50 mins)	
Method advancements		Chair: Frankie Tait
12:50	Collins, Matthew	A High-Fidelity Language for Mapping the Modified Proteome in Ancient Bone
13:00	Tait, Frankie	Assessing the effect of NaOH for humic acid removal in palaeoproteomic analyses of archaeological bone
13:10	Rimon, Oded	Optimising methods for maximising evolutionary information content in palaeoproteomics
13:20	Discussion	
13:50	Coffee break (20 mins)	
Subsistence and environment		Chair: Geoff M Smith
14:10	Wagner, Anna	Refining Taxonomic Resolution in an Upper Palaeolithic Faunal Assemblage at Korman' 9 (Ukraine): An Integrated ZooMS Approach
14:20	Agras, Kenan	A Geometric Morphometric Approach to Assessing Morphological Variation in Fallow Deer Astragali from Uçağızlı I and Uçağızlı II Caves
14:30	Briatico, Giuseppe	From fossil teeth to environments and climate: implications for the Pleistocene archaeological records of the Ethiopian highlands
14:40	McCartin, Madison	Early human subsistence in northeast Asia: Preliminary results from Tolbor-17 and Tarvagatain Am (Mongolia)
14:50	Discussion	
15:15	Conclusion	End 15:45

Free to attend, but please register in advance through our website:

<https://research.reading.ac.uk/coexist/workshop/>