

Thursday 18th of March

- 08:30** **Registration and coffee (Room M0, Earth and Life Sciences Building)**
- 09:45** **Opening session (room D 107, Earth and Life Sciences Building):**
Henk Kars, Director of the Institute for Geo- and Bioarchaeology, Vrije Universiteit, Amsterdam
Wil Roebroeks, Director of the Research School for Archaeology, Archon, Leiden
- 10:00** **Session: New approaches and techniques.**
26 Martin Jones, Keynote speaker*
Retrieving past human ecosystems: changing questions and emerging answers
- 10:40** **Session: Diet**
13 Copley, Mark., Jim, S., Jones, V., Horton, M. and Evershed, R.P.
Short- and long-term changes in the diet of domesticated animals from Qasr Ibrim, Egypt
- 11:00** **Coffee Break**
- 11:20** **15** Grimes, V. and Richards, M.P.
Determining diet using oxygen isotope ratios of bone and tooth apatite
- 11:40** **14** Corr, L., Sealy, J.C., Richards, M.P. and Evershed, R.P.
A novel marine dietary indicator utilising compound-specific bone collagen amino acid $d^{13}C$ measurements of ancient humans
- 12:00** **16** Jay, M. and Fuller, B.
Nitrogen and carbon stable isotope data from infant bone collagen: can we interpret more than just weaning age?
- 12:20** **Lunch and Poster Session**
- 14:00** **17** McPherson, P., Chenery, C.A. and Chamberlain, A.T.
From milk to meals, variation in childhood diet from the Anglo-Saxon Blackgate Cemetery, Newcastle upon Tyne
- 14:20** **Session: Domestication**
05 Bradley, D (Keynote speaker), Freeman, R., Edwards, C., Juha Kantannen, J. and Hanotte, O.
Haplotype analyses and cattle origins
- 15:00** **07** Götherstrom, A., Svensson, E., Anderung, C., Hellborg, L., Babliene, J., Persson, P. and Ellegren, H.
Cattle husbandry and ancient DNA SNPs
- 15:20** **Coffee break**

* Due to personal circumstances the keynote speaker for the diet session (T. Douglas Price) is unable to attend the meeting on Thursday; his presentation has been moved to Friday morning 9:30.

- 15:40 **06 Bollongino, R.**, Alt, K. and Burger, J.
The origin of European cattle – ancient DNA analyses on Neolithic bones
- 16:00 **08 Larson, G.**, Cooper, A. and Dobney, K.
Ancient DNA and domestication: new Samples, new genes, new techniques, same old questions
- 16:20 **Session: Technology**
01 Carl Heron, Keynote speaker
Biomolecular archaeology and technological process
- 17:00 **02 Buckley, S.**
A black art in the Blackland: a systematic approach to Egyptian mummification
- 17:20 Reception at the venue and Poster Session**

Friday 19th of March

- 09:00 Registration and coffee (Room M0, Earth and Life Sciences Building)**
- 09:30 **Session: Diet (Room D 107, Earth and Life Sciences Building)**
12 Douglas Price, Keynote speaker
Bone chemistry and paleodiet: retrospect and prospect
- 10:10 **Session: New approaches and techniques.**
28 Bunce, M., Shapiro, B., Gilbert, T. and Cooper, A.
Determining template copy number from ancient DNA extracts
- 10:30 **29 Oudemans, T.**, Boon, J.J. and Botto, R.E.
Preservation of biomolecules in carbonized organic residues on ceramics from indigenous Roman settlements – a combined DTMS and solid-state ¹³C CP/MAS NMR spectroscopic study TBA
- 10:50 **27 Balasse, M.** and Tresset, A.
Documenting seaweed foddering in the Neolithic of North-western Europe using tooth enamel carbon and oxygen isotope ratios
- 11:10 Coffee break**
- 11:30 **Session: Degradation.**
36 Collins, M.J., Keynote speaker
Tracking degradation: multiple approaches to the study of the deterioration of archaeomaterials
- 12:10 **39 Landy, E.**, Bjordal, C.G., Nilsson, T., Mitchell, J.I. and Eaton, R.A.
Estimation of the diversity of bacterial communities in wooden foundation poles across Europe using molecular biology techniques
- 12:30 Lunch and Poster Session**

- 14:00 **38 Hofreiter, M.**, Rohland, N., Serre, D. and Paabo, S.
DNA damage in 100 – 100,000 year-old ancient DNA
- 14:20 **37 Barnes, I.**
Recovering ancient pathogen DNA from skeletal material
- 14:40 **Session: Migration**
45 Shapiro, B. (Keynote speaker), Drummond, A. and Cooper, A.
Using mitochondrial DNA to reconstruct the dynamics of ancient populations
- 15:20 Coffee Break**
- 15:40 **46 Barnett, R.**, Barnes, I. and Cooper, A.
The phylogeography of the extinct cave and American lions (Panthera spelaea and Panthera atrox)
- 16:00 **53 Bentley, R.A.**
To be announced
- 16:20 **47 Cappers, R.T.J.**
Tracing the origin of ancient wheat in Egypt: new prospects by looking at ancient DNA
- 16:40 **48 Hofreiter, M.**, Rabeder, G. and Paabo, S.
Population stability, migration and ecological differentiation in cave bears
- 17:00 Closing session**
Poster Prize