

Symposium (June 7)

**New Zooarchaeology: New Perspectives on Past
Human-Animal Relationships**

Workshop (June 8)

Geometric Morphometrics in Zooarchaeology

An ARCHON Event at the



**university of
 groningen**

Co-organized by

The Amsterdam School for
Heritage, Memory and
Material Culture (AHM)



UNIVERSITY OF AMSTERDAM

As a species, our position *within*--and impacts *on*--the Anthropocene compels us to adopt a more nuanced understanding of human/nonhuman relationships. The importance of these relationships in the archaeological past is well-established, and is regularly highlighted in groundbreaking studies. What becomes clear is that merging theoretical insights beyond archaeology with innovative archaeological techniques is crucial for renewal in social zooarchaeology. Exciting new avenues for this type of research includes the relationships between, for example, (1) animal cultures and livestock biodiversity, (2) animal aesthetics and shifts in zoogeographic regions, (3) domestication and ritual, (4) social organization and pastoralism, and (5) hunting and niche construction. This new paradigm compels zooarchaeologists trained primarily in quantitative approaches to look well beyond the association between bones and diet toward Middle Range theories bridging vastly different sets of data. How can we integrate these constructive perspectives into the classroom, the lab, research designs and the field?

On **Thursday, June 7, a symposium** will provide the opportunity for researchers and postgraduate students to learn about exciting new approaches in the field. Talks will address the human/non-human animal past through diverse methodologies--including isotope analysis, GMM, aDNA, rock art, textual analysis, historical archaeology and ethnography. As a group, we will examine the 'state of the art' of social zooarchaeology, as well as recent developments in related subjects, such as biology, ecology, history, anthropology and sociology. Our keynote speaker is Prof. Naomi Sykes (University of Exeter), author of *Beastly Questions: Animal Answers to Archaeological Issues*.

On **Friday June 8, a hands-on Geometric Morphometrics (GMM) workshop** will be led by Dr. Carly Ameen (University of Exeter) and Dr. Julie Daujat (Nottingham University). For ARCHON students attending the workshop for ECTS points*, readings will be circulated beforehand, as will a list of open-access programs to download. Space in the workshop is limited to 15 people and attendees must bring their own laptops!

*Both events will be held at the University of Groningen. The **deadline for registration is June 1** (please register by sending an email to Safoora Kamjan s.kamjan@rug.nl).*

The attendance fee for non-speakers: €10 euro for 1 day, 15 euro for 2, and can be paid at the registration. (For ARCHON members, this fee will be reimbursed.)

* ARCHON students can obtain

1 ECTS by participating in the symposium, and writing a report and,

2 ECTS by participating in the symposium and the workshop and writing a report.

Programme

Thursday June 7, Heymanszaal Academy Building

8:30	Registration	
9:15	Welcome	
9:30	Prof. Naomi Sykes (University of Exeter)	Crossing boundaries, shifting baselines and changing perspectives - the new zooarchaeological landscape
10:30	Coffee break	
11:00	Dr. Max Price (Massachusetts Institute of Technology/Humboldt Fellow)	Thinking through the Pig Taboo: A Critical Approach to the Zooarchaeology of Pork Consumption in the Middle East from 3000 BC to AD 500
11:30	Kathryn O'Neil Weber (Cornell University)	Companionship and Power: A social zooarchaeology of the Bronze Age Southern Caucasus
12:00	Dr. Chiara Cavallo (University of Amsterdam)	Dichotomy between pastoral and sedentary people? What animal bones can tell
12:30	Lunch	
13:30	Nathalie Brusgaard (Leiden University)	Camels & carnivores: rock art and pastoralist human-animal relationships in the Black Desert, Jordan.
14:00	Jan Bakker and Prof. James Symonds (University of Amsterdam)	The foodways of Ashkenazi and Sephardi Jews in post-medieval Amsterdam
14:30	Youri van den Hurk (University College London)	Whales and People in the Middle Ages: Optimizing zooarchaeological research on cetaceans

15:00	Coffee	
15:30	Dr. Kurt Gron (Durham University)	Cattle, deer, and an Early Neolithic event: Revisiting the Coneybury 'Anomaly'
16:00	Dr. Canan Çakırlar (University of Groningen)	Old taboos, new technologies: studying cultural hesitance through zooarchaeology
16:30	Dr. Sean Desjardins (University of Groningen)	Zooarchaeology, traditional ecological knowledge (TEK) and climate change: a case study from the Canadian Arctic
17:00	Dr. Carly Ameen (University of Exeter)	Friends in High Places. Combining aDNA and GMM to examine the long-term relationship between humans and dogs in Arctic prehistory
17:30	Final Discussion	
18:00-19:00	Drinks @ GIA (Poststraat 6)	

Friday, June 8; Turft 08, Uurwerkerstraat Geometric Morphometric Methods

Dr. Julie Daujat & Dr. Carly Ameen

9:00 - 10:00

Welcome and brief introduction to GMM methods, theory and working with GMM in zooarch analysis.

Including discussion about what attendees are interested in doing.

10:00 - 12:00 Collection of GMM data

(Lab practical)

12:00 - 13:00 Lunch at the Groningen Institute of Archaeology (cantine or garden)

13:00 - 15:30 Digitising GMM data

(Lab practical)

15:30 - 17:30

Analysis of GMM data

(Lab practical)