



## CALL FOR PAPERS

# Integrating ZooMS and zooarchaeology: methodological challenges and interpretive potentials

### WORKSHOP

**18-19th April 2023,  
University of Kent,  
Canterbury, UK**

#### Organisers:

Dr. Geoff M Smith  
Dr. Karen Ruebens  
Virginie Sinet-Mathiot  
Dr Frido Welker

If you would like to participate in person on both days, please **submit an abstract** (250 words) for a 15 min talk by **February 1st 2023**. Talks reporting on ZooMS results and/or quantitative zooarchaeological studies of Pleistocene faunal collections are welcome.

Selected travel funding available.

Since its development in 2009, Zooarchaeology by Mass Spectrometry (ZooMS) has been applied to a wide array of archaeological bone remains to identify the type of animal (or human) they belonged to. Besides targeted ZooMS studies to identify special objects or find human remains, ZooMS is now also being applied untargeted to identify large portions of the non-diagnostic fauna in an archaeological assemblage. These large-scale analyses of morphologically unidentifiable bone remains are generating vast amounts of taxonomic and complementary data. While ZooMS identifications can enhance our understanding of human subsistence practices at a site, its quantitative integration with zooarchaeological and taphonomic data and indices (such as MNE, MNI, MAU) remains underexplored.

This two-day workshop at the School of Anthropology and Conservation (University of Kent, Canterbury, UK) aims to start a closer collaboration between zooarchaeologists and archaeological scientists in an effort to overcome some of the current methodological problems. After a day of introductory talks and case study presentations, a second day is devoted to a round table discussion, inviting all participants to contribute their experience and expertise to the issues at hand.

For more information or to submit an abstract contact Dr. Geoff M Smith:  
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Marie Skłodowska-  
Curie Actions



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