

SESSION 10**NOVEL TECHNOLOGIES IN BIOMOLECULAR ARCHAEOLOGY****Wednesday 16th of March | 9:00 – 10:30****Eline Lorenzen**, Centre of GeoGenetics, University of Copenhagen*The Last Megafauna Extinction (Invited)***Swetlana Peters¹, Alexander V. Borisov²**, University of Applied Sciences Osnabrueck¹, Institute of Soil Sciences RAS, Pushino²*Microbiological Soil Analysis as a Tool to Detect Functional Areas in Habitation Sites***Julia Elsner**, Institute for Prehistory and Archaeological Science, IPAS*From Rockshelter to Lakeshore – Ancient DNA from Horse Remains in Switzerland***10:30 – 11:00 Coffee break****Wednesday 16th of March | 11:00 – 12:30****Matthew Collins**, BioArCh, University of York
*ZooMS, Zooarchaeology by Mass Spectroscopy Rapid Identification of a Fragmentary Zooarchaeological Record (Invited)***Marie Kanstrup**, Faculty of Agricultural Sciences, University of Aarhus
*Experimental Evaluation of the Stable Isotope Method to Characterise Prehistoric Manuring Practices***Jennifer Jones**, Cardiff University
*Animals and Isotopes: Palaeoenvironmental Isotope Modelling in the North Atlantic Islands***12:30 – 14:00 Lunch break****Wednesday 16th of March | 14:00 – 15:30****Johannes Krause**, Department of Evolutionary Genetics, Max-Planck-Institute for Evolutionary Anthropology
*What Makes us Human: Insights from Sequencing Extinct Hominin Genomes (Invited)***Ricardo Fernandes**, GS HDL, CAU Kiel
*Dietary Effects on Radiocarbon Dating***Bente Philippsen**, Aarhus University
*Reconstructing the Limfjord's History: Radiocarbon Dates of Shells and Stable Isotope Values of Bulk Sediment***15:30 – 16.00 Coffee break****Wednesday 16th of March | 16:00 – 17:30****Christopher Eizaguirre**, IFM-GEOMAR, CAU Kiel, Leibniz Institute of Marine Sciences*Adaptive Allele Frequency Shift Maintains Standing Genetic Variation at MHC Genes (Invited)***Frederick Feulner**, BioArCh, The University of York
*Sulphur ³⁴S Isotopes as Geolocation Tracer? First Results from Champ-Durand Causewayed Enclosure***Nienke Van Doorn¹, Hege Hollund², Julie Wilson³, Matthew Collins¹**, BioArCh, University of York¹, VU Amsterdam², YCCSA, University of York³
*Exploring Collagen Damage in Archaeological Bone through a Non-Destructive Method in Mass Spectrometry***Thursday, 17th of March | 9:00 – 10:30****Poster Session****Melanie Harder**, GS HDL, CAU Kiel
*SNP-Typing as a Tool in aDNA Research***Ben Krause-Kyora**, GS HDL, CAU Kiel
*The Domestication of Pig – An Interdisciplinary Approach***Esther Lee**, CAU Kiel
*Tracing Maternal Lineages of Ancient Siberian Canids through Mitochondrial DNA***Christine Schuh**, GS HDL, CAU Kiel
*An Interdisciplinary Approach to the Investigation of Early Medieval Populations***Susanne Schwarz**, GS HDL, CAU Kiel
*Palaeopathological and Molecular Differentiation of the Human Treponematoses – An Approach***10:30 – 11.00 Coffee break****Thursday, 17th of March | 11:00 – 12:30****Discussion****12:30 - 14.00 Lunch break****Thursday, 17th of March | 14.00 – 16.00****Plenary meeting – Final discussion of all sessions**