

468 BIOSOCIAL ARCHAEOLOGY: WHEN ANCIENT DNA OPENS THE DISCUSSION TO SOCIAL STRUCTURES

Time: 9:00 - 16:30 CEST, 9 September 2021

Theme: 5. Assembling archaeological theory and the archaeological sciences

Format: Regular session

Organisers: Rivollat, Maïté (PACEA, University of Bordeaux; MPI-SHH, Jena) - Szécsényi-Nagy, Anna (Institute of Archaeology Research Centre for the Humanities, Eötvös Loránd Research Network, Hungarian Academy of Sciences Centre of Excellence) - Hofmann, Daniela (Department of Archaeology, History, Cultural Studies and Religion, University of Bergen) - Cassidy, Lara (Molecular Population Genetics Lab, Trinity College Dublin) - Koncz, István (Institute of Archaeological Sciences, ELTE - Eötvös Loránd University, Budapest)

ABSTRACTS

- 9:00 **MAKING KIN: THE ARCHAEOLOGY AND GENETICS OF HUMAN RELATIONSHIPS**
Frieman, Catherine (Australian National University) - Bruck, Joanna (University College Dublin)
- 9:15 **INVESTIGATING NEOLITHIC SOCIAL STRUCTURES ON THE BASIS OF UNPRECEDENTEDLY LARGE FAMILY TREES FROM THE SITE GURGY "LES NOISATS" IN FRANCE**
Rivollat, Maïté (University of Bordeaux, PACEA; Max Planck Institute for the Science of Human History, Department of Archaeogenetics, Jena) - Ringbauer, Harald (Max Planck Institute for the Science of Human History, Department of Archaeogenetics, Leipzig) - Childebayeva, Ainash (Max Planck Institute for the Science of Human History, Department of Archaeogenetics, Jena) - Le Roy, Mélie (Queen's University Belfast, School of Natural and Built Environment, ArcPal) - Rey, Léonie (University of Bordeaux, PACEA) - Goude, Gwenaëlle (Aix Marseille University, CNRS, Ministry of Culture, LAMPEA) - Balter, Vincent (Ecole Normale Supérieure, Laboratoire de Géologie de Lyon) - Rottier, Stéphane - Deguilloux, Marie-France (University of Bordeaux, PACEA) - Haak, Wolfgang (Max Planck Institute for the Science of Human History, Department of Archaeogenetics, Jena)
- 9:30 **ANCESTRY CHANGE AND KINSHIP ORGANISATION IN CHALCOLITHIC-EARLY BRONZE AGE BRITAIN: A CRITICAL ASSESSMENT OF MALE-DOMINATED MODELS**
Bruck, Joanna (School of Archaeology, University College Dublin) - Booth, Tom (Francis Crick Institute)
- 9:45 **DISCUSSION SLOT**
- 10:00 **SALVAGING ADNA KINSHIP RESEARCH: A NECESSARY WAKE UP CALL AND REORIENTATION**
Ensor, Bradley (Eastern Michigan University)
- 10:15 **EARLY BRONZE AGE FAMILIES IN THE NORTHWESTERN CARPATHIAN BASIN**
Szecsenyi-Nagy, Anna (Institute of Archaeogenomics, Research Centre for the Humanities, Eötvös Loránd Research Network) - Šefčáková, Alena (Department of Anthropology, Slovak National Museum-Natural History Museum) - Olalde, Inigo (Department of Genetics, University Pompeu Fabra) - Ringbauer, Harald (Department of Archaeogenetics, MPI EVA, Leipzig) - Bartík, Juraj - Farkaš, Zdeněk - Jelínek, Pavol (Slovak National Museum-Archaeological Museum) - Daňová, Klaudia (Archaeological Institute of the Slovak Academy of Sciences) - Pinhasi, Ron (Department of Evolutionary Anthropology, University of Vienna) - Reich, David (Department of Genetics, Harvard Medical School; Department of Human Evolutionary Biology, Harvard University)
- 10:30 **HOME IS WHERE THE HEARTH IS: EXPLORING SEX BIAS IN GENETICALLY-ATTESTED MIGRATIONS IN PREHISTORIC EUROPE**
Büster, Lindsey - Armit, Ian (University of York)
- 10:45 **DISCUSSION SLOT**
- 11:00 **SOCIAL BELONGING BETWEEN GENES AND PRACTICES**
Stockhammer, Philipp (LMU Munich; MPI Jena)



#EAA2021

- 11:15 GENETIC INSIGHTS INTO KINSHIP AND SOCIAL STRUCTURE OF AN IRON AGE COMMUNITY FROM TUVA, SOUTHERN SIBERIA**
Keller, Marcel (Institute of Genomics, University of Tartu) - Caspari, Gino (Department of Archaeology, University of Sydney; Institute of Archaeological Sciences, University of Bern) - Milella, Marco (Department of Physical Anthropology, Institute of Forensic Medicine, University of Bern) - Sadykov, Timur (Institute for the History of Material Culture, Russian Academy of Sciences, St. Petersburg) - Blochin, Jegor (Institute for the History of Material Culture, Russian Academy of Sciences, St. Petersburg) - Szidat, Sönke (Department of Chemistry and Biochemistry, University of Bern; Oeschger Centre for Climate Change Research - OCCR, University of Bern) - Saag, Lehti (Institute of Genomics, University of Tartu) - Kivisild, Toomas (Department of Human Genetics, KU Leuven; Institute of Genomics, University of Tartu) - Lösch, Sandra (Department of Physical Anthropology, Institute of Forensic Medicine, University of Bern) - Scheib, Christiana (Institute of Genomics, University of Tartu; St John's College, University of Cambridge)
- 11:30 GENETIC METHODS IN ARCHAEOLOGICAL RESEARCH (FUNDED BY GOVERNMENT GRANT NO. 075-15-2019-1879)**
Ochir-Goryaeva, Maria (Kalmyk Research Center Russian Academy of Sciences)
- 11:45 DISCUSSION SLOT**
- 12:00 KIN AND POWER IN EARLY CELTIC COMMUNITIES OF SOUTHWESTERN GERMANY**
Gretzinger, Joscha - Mötsch, Angela (Max Planck Institute for the Science of Human History) - Schmitt, Felicitas - Francken, Michael (State Office for Cultural Heritage Baden-Wuerttemberg) - Rathmann, Hannes (Institute for Archaeological Sciences, Eberhard Karls University, Tübingen; Senckenberg Centre for Human Evolution and Palaeoenvironment, Tübingen) - Wieland, Günther (State Office for Cultural Heritage Baden-Wuerttemberg) - Harvati, Katerina (Institute for Archaeological Sciences, Eberhard Karls University, Tübingen; Senckenberg Centre for Human Evolution and Palaeoenvironment, Tübingen; DFG Centre for Advanced Studies 'Words, Bones, Genes, Tools: Tracking Linguistic, Cultural and Biological Trajectories of the Human Past', Tübingen) - Schier, Wolfram (Institute for Prehistoric Archaeology, Free University Berlin) - Krausse, Dirk (State Office for Cultural Heritage Baden-Wuerttemberg; Institute of Prehistory, Early History and Medieval Archaeology, Eberhard Karls University, Tübingen) - Krause, Johannes - Schiffels, Stephan (Max Planck Institute for the Science of Human History; Max Planck Institute for Evolutionary Anthropology)
- 12:15 ANCIENT GENOMES REVEAL SOCIAL AND GEOGRAPHIC STRUCTURING OF THE POPULATION IN CARPATHIAN BASIN AT THE TIME OF THE AVAR EMPIRE**
Gnecchi Ruscone, Guido Alberto (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology, Leipzig) - Szécsényi-Nagy, Anna (Institute of Archaeology, Research Centre for the Humanities, Eötvös Loránd Research Network) - Koncz, István (Institute of Archaeological Sciences, Eötvös Loránd University) - Csiky, Gergely (Institute of Archaeology, Research Centre for the Humanities, Eötvös Loránd Research Network) - Rácz, Zsófia (Institute of Archaeological Sciences, Eötvös Loránd University) - Reich, David (Department of Genetics, Harvard Medical School; Department of Human Evolutionary Biology, Cambridge; Broad Institute of Harvard and MIT; Howard Hughes Medical Institute, Harvard Medical School) - Vida, Tivadar (Institute of Archaeology, Research Centre for the Humanities, Eötvös Loránd Research Network; Institute of Archaeological Sciences, Eötvös Loránd University) - Hofmanová, Zuzana (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology, Leipzig; Department of Archaeology and Museology, Faculty of Arts, Masaryk University) - Jeong, Choongwon (School of Biological Sciences, Seoul National University) - Krause, Johannes (Department of Archaeogenetics, Max Planck Institute for Evolutionary Anthropology, Leipzig)
- 12:30 MATERNAL LINEAGES FROM 10-11TH CENTURY COMMONER CEMETERIES OF THE CARPATHIAN BASIN**
Maár, Kitti (Department of Genetics; University of Szeged) - Varga, Gergely - Kovács, Bence (Department of Archaeogenetics; Institute of Hungarian Research) - Schütz, Oszkár (Department of Genetics; University of Szeged) - Tihanyi, Balázs (Department of Archaeogenetics; Institute of Hungarian Research; Department of Biological Anthropology; University of Szeged) - Maróti, Zoltán (Department of Pediatrics and Pediatric Health Center; University of Szeged; Department of Archaeogenetics; Institute of Hungarian Research) - Nagy, István (SeqOmics Biotechnology Ltd.; Institute of Biochemistry; Biological Research Centre, Szeged) - Raskó, István (Institute of Genetics; Biological Research Centre, Szeged) - Neparáczki, Endre (Department of Archaeogenetics; Institute of Hungarian Research; Department of Genetics; University of Szeged) - Török, Tibor (Department of Genetics; University of Szeged; Department of Archaeogenetics; Institute of Hungarian Research)
- 12:45 DISCUSSION SLOT**



#EAA2021

- 14:30 THE LATE-ANTIQUITY FUNERARY COMPLEX OF ITTENHEIM (ALSACE, BAS-RHIN). RE-READING OF ARCHAEO-ANTHROPOLOGICAL DATA AT THE DAWN OF GENOMICS**
Pruvost, Melanie - Mendisco, Fanny (Université de Bordeaux, CNRS, UMR5199 PACEA) - Barrand-Emam, Hélène (ANTEA-Archéologie, UMR 7044) - Chenal, Fanny (Inrap Grand Est, UMR 7044)
- 14:45 INVESTIGATING KINSHIP PRACTICES THROUGH DENSE SPATIAL AND TEMPORAL SAMPLING OF 5-6TH CENTURY CEMETERIES IN PANNONIA**
Koncz, István (Eötvös Loránd University, Institute of Archaeological Sciences) - Vyas, Deven (Department of Ecology and Evolution, Stony Brook University) - Vida, Tivadar (Institute of Archaeological Sciences, Eötvös Loránd University; Institute of Archaeology, Research Centre for the Humanities, Eötvös Loránd Research Network) - Mende, Balázs (Institute of Archaeology, Research Centre for the Humanities, Eötvös Loránd Research Network) - Krause, Johannes (Department of Archaeogenetics, Max Planck Institute for the Science of Human History; Institute for Archaeological Sciences Archaeo- and Palaeogenetics, University of Tübingen) - Kay, Janet (Department of Art & Archaeology, Princeton University) - Pohl, Walter (Institute for Medieval Research, Austrian Academy of Sciences) - Veeramah, Krishna (Department of Ecology and Evolution, Stony Brook University) - Geary, Patrick (School of Historical Studies, Institute for Advanced Study, Princeton)
- 15:00 INVESTIGATING KINDREDS AND WAVES OF MIGRATION IN 6-8TH CENTURY NORTHERN ITALY THROUGH ARCHAEOLOGICAL AND PALEOGENOMIC ANALYSES**
Koncz, István (Institute of Archaeological Sciences, Eötvös Loránd University) - Tian, Yijie (Department of Ecology and Evolution, Stony Brook University) - Modi, Alessandra (Dipartimento di Biologia, Università degli Studi di Firenze) - Giostra, Caterina (Dipartimento di Storia, Archeologia e Storia dell'Arte, Università cattolica del Sacro Cuore) - Kay, Janet (Department of Art & Archaeology, Princeton University) - Bedini, Elena (Dipartimento di Storia, Archeologia e Storia dell'Arte, Università cattolica del Sacro Cuore) - Pohl, Walter (Institute for Medieval Research, Austrian Academy of Sciences) - Caramelli, David (Dipartimento di Biologia, Università degli Studi di Firenze) - Krause, Johannes (Department of Archaeogenetics, Max Planck Institute for the Science of Human History; Institute for Archaeological Sciences Archaeo- and Palaeogenetics, University of Tübingen) - Geary, Patrick (School of Historical Studies, Institute for Advanced Study)
- 15:15 USING ADNA AS PART OF A MULTI-PROXY APPROACH TO UNDERSTAND BIOLOGICAL AND SOCIAL KINSHIP OF UNUSUAL BURIALS FROM PORTMAHOMACK (SCOTLAND)**
Fischer, Claire-Elise (Department of Archaeology, University of York) - Olalde, Iñigo (Institute of Evolutionary Biology, CSIC - Universitat Pompeu Fabra; Department of Genetics, Harvard Medical School) - Reich, David (Department of Human Evolutionary Biology, Harvard University; Broad Institute of MIT and Harvard; Department of Genetics, Harvard Medical School, Boston; Howard Hughes Medical Institute, Boston) - Armit, Ian - Carver, Martin (Department of Archaeology, University of York) - Spall, Cecily (FAS HERITAGE)
- 15:30 DISCUSSION SLOT**

POSTERS:

- A. SURVIVAL OF ADNA IN TOOTH AND BONE SAMPLES FROM IRON AGE (7TH - 12TH CENTURIES AD) BURIALS IN LATVIA**
Ranka, Renate - Ķīmsis, Jānis - Pokšāne, Alise (Latvian Biomedical Research and Study Centre) - Pētersone-Gordina, Elīna - Vilcāne, Antonija (Institute of Latvian History, University of Latvia) - Kazarina, Alisa (Latvian Biomedical Research and Study Centre) - Gerhards, Guntis (Institute of Latvian History, University of Latvia)