



3RD RADIOCARBON AND DIET CONFERENCE
20TH – 23RD June 2023
PROGRAMME

All talks will be held in the **Main Lecture Theatre**.
Posters will be displayed in **Atmosphere**.
Registration, coffee and lunch will take place in **Atmosphere**.

Time (start)	20th June
15.00 - 16.00	Registration
16.00	Welcome
16.10	Emmanuel Casanova , Muséum National d'Histoire Naturelle, Paris, France <i>Radiocarbon dating of dietary lipids</i>
17:00 - 18:00	WELCOME RECEPTION
Time (start)	21st June
18.30 - 9.15	Registration
9.10	Welcome
9.30	Klervia Jaouen , Géosciences Environnement Toulouse, Toulouse, France. <i>Assessing Freshwater and Marine Fish Consumption Among Prehistoric Populations using CSIA-AA and Zn Isotope Ratios</i>
10.00	BREAK
10.30	Session introductions
10.40	Corrie Hyland , University of Oxford, United Kingdom <i>Using Amino Acid Isotope Values to Determine Freshwater Reservoir Offsets</i>
11.00	Francisca Santana-Sagredo , Pontificia Universidad Católica de Chile, Santiago, Chile <i>Evaluating the impact of the Marine Reservoir Effect (MRE) on humans from the Atacama coast using paired 14C dates (Tarapacá, Chile)</i>
11.20	Ricardo Fernandes , Max Planck Institute of Geoanthropology, Jena, Germany <i>Bayesian spatiotemporal estimates of marine radiocarbon reservoir effects</i>
11.40	Linda Scott Cummings , PaleoResearch Institute, Golden, USA <i>Charred Food Crust, Chemistry, Vessel Architecture, FRE, and Radiocarbon Dating</i>
12.00	Andrzej Weber , University of Alberta, Edmonton, Canada <i>Early Bronze Age cemeteries on Lake Baikal, Siberia: Insights in their history and dietary patterns</i>
12.20	----- CONFERENCE PHOTO -----
12.30	LUNCH
13.20	Session introductions
13.30	Tingting Wang , Sun Yat-Sen University, Guangzhou, China <i>Yingpan Man – Exploring his life and times along the Silk Road nearly 2,000 years ago</i>
13.50	Rick Schulting , University of Oxford, United Kingdom <i>A 358 14Cyr discrepancy between bone and tooth dates for the same individual at the Early Neolithic cemetery of Shamanka II, Lake Baikal, southern Siberia</i>
14.10	Gunilla Eriksson , Stockholm University, Archaeological Research Laboratory, Stockholm, Sweden <i>Disarticulated commingled remains and dental wiggle matching: Radiocarbon modelling of sub-sampled archaeological human dentine from the Resmo megalithic tomb, SE Sweden</i>
14.30	Helen Whelton , University of Bristol, United Kingdom <i>Compound-specific radiocarbon dating of faecal biomarkers</i>
14.50	Kyungcheol Choy , Hanyang University, Ansan, Republic of Korea <i>high-resolution dietary reconstruction of prehistoric populations from Korea using compound-specific stable isotope analysis</i>
15.10	BREAK
15.40	Michael Scott , University of Oxford, United Kingdom <i>Exploring subsistence practices and dietary adaptations of Early Holocene hunter-gatherers in southern Scandinavia using compound specific isotope analysis of individual amino acids to distinguish freshwater and marine diets</i>
16.00	Isabel Wiltshire , University of Bristol, United Kingdom <i>Application of a novel methodology for the compound-specific radiocarbon dating of absorbed residues in pottery to investigate the transition to the Neolithic in Britain</i>
16.20	Benjamin Fuller , GET-OMP, Toulouse, France <i>40,000 years of wild turkey paleoecology at Rancho La Brea: evidence from bulk and amino acid isotopic analysis</i>
16.40	Poster Sessions 1 and 2 (talks)
17:00 - 18:00	Posters (in person)
18.30	Social @ The Gardener's Arms and The Royal Oak - casual tables booked from 18.30; feel free to join us!

Time (start)	22nd June
9.00	Session Introductions
9.10	Fiona Petchey , Te Aka Mātuatua School of Science , University of Waikato, Hamilton, New Zealand <i>Temporal changes in the South Pacific marine 14C reservoir – potential markers for refining chronologies</i>
9.40	Yaroslav Kuzmin <i>The biomolecular biography of Ivan the Terrible</i>
10.00	BREAK
10.30	Ülle Agurauja-Lätti , Tallinn University, Tallinn, Estonia <i>Mission Impossible? Quantifying aquatic resource consumption in Medieval period Estonia</i>
10.50	Carlo Coccozza , Max Planck Institute of Geoanthropology, Jena, Germany <i>The Bayesian osteo-biography of an early medieval individual from Sorrento (Italy)</i>
11.10	Peter Ditchfield , University of Oxford, United Kingdom <i>Assessing the utility of legacy nitrogen and carbon stable isotopic data produced as part of the 14C dating process</i>
11.30	Victor Morcillo , Université de Bordeaux, Bordeaux, France <i>Isotopic reconstruction of Roman and Medieval dietary patterns at the Pyrenean necropolis of Saint Just d Valcabrère and the mysterious radiocarbon age of the woman in sarcophagus 770.</i>
11.50	John Meadows , Centre for Baltic and Scandinavian Archaeology (ZBSA), Schleswig, Germany <i>The Zostera triangle and the Mesolithic-Neolithic transition in Denmark</i>
12.10	Paola González Carvajal , Chilean Society of Archaeology, Santiago, Chile. <i>Diet and new chronologies in the semi-arid coast of northern Chile: the case of El Olivar Cemetery</i>
12.30	LUNCH
13.20	Session introductions
13.20	Martin Seiler , National Laboratory for Age Determination, NTNU University Museum, Trondheim, Norway. <i>Marine reservoir effects in early Christian graves from Norway</i>
13.50	Ana García-Vázquez , ArchaeoScience Division, Research Institute of the University of Bucharest (ICUB), Bucharest, Romania. <i>Paleodiet and freshwater reservoir effect in the Danube River: the case of Gumelnița site (5th millennium BC, Romania)</i>
14.10	Lukasz Pospieszny , University of Gdansk, Gdansk, Poland. <i>Reading between the lines: in search of earliest C4 diets in East-Central Europe</i>
14.30	Neus Coromina Bujons , University of Girona, Girona, Spain <i>Vegetable diet evolution of a rural settlement in the NE Iberian Peninsula during the Middle Age</i>
14.50	John Meadows , Centre for Baltic and Scandinavian Archaeology (ZBSA), Schleswig, Germany <i>Tracking a transition: dating the appearance of dairy products in prehistoric northeastern Europe</i>
15.10	BREAK
15.40	Posters - Sessions 6 and 7 (talks)
16.00 - 18.00	Lab tours (ORAU), OxCal Q and A (Main Lecture Theatre), and posters (Atmosphere)
20.00	Conference dinner, Cherwell Boathouse
Time (start)	23rd June
9.00	Session introductions
9.10	Bente Philippsen , National Laboratory for Age Determination, NTNU University Museum, Trondheim, Norway <i>The freshwater reservoir effect, a tool to reconstruct diet and environment</i>
9.40	Weimiao Dong , Fudan University, Shanghai, China. <i>The chronology of Yanbulake Culture in Hami Basin, eastern Xinjiang, China</i>
10.00	BREAK
10.30	Ramiro Barberen , CONICET, Mendoza, Argentina <i>The time of migrants: Temporal and dietary modeling of a southern Andean population</i>
10.50	Ricardo Fernandez , Max Planck Institute of Geoanthropology, Jena, Germany <i>Bayesian dietary estimates and radiocarbon reservoir effect corrections using ReSources</i>
11.10	Xiaolin Ren , Institute for the History of Natural Sciences, Chinese Academy of Sciences, Beijing, China <i>Holocene land use and subsistence strategies in the Central Plains of China</i>
11.30	Emilie Jean Green , University of Aberdeen, Aberdeen, United Kingdom <i>Building complexity: Using a multi-proxy bayesian chronological modelling and stable isotopic analysis to examine eastern Eurasian pastoral nomadic complexity</i>
11.50	Laimdota Kalnina , University of Latvia Faculty of Geography and Earth Sciences, Riga, Latvia <i>Radiocarbon dating of plant remains from the Lake Lubāns wetland Stone Age settlements in Latvia</i>
12.10	Final Meeting
12.30	LUNCH