

## Life on the Edge: The 45<sup>th</sup> Conference for the Association of Environmental Archaeology

4<sup>th</sup> – 6<sup>th</sup> December 2025, Museum of Archaeology, Stavanger, Norway



### Full Conference Schedule



### Thursday 4<sup>th</sup> December

| SESSION                                                             | TIME          | ACTIVITY               | PRESENTER                                                                                  | TITLE                                                                                                                                             |
|---------------------------------------------------------------------|---------------|------------------------|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                     | 11.00 – 13.00 | <i>Registration</i>    |                                                                                            |                                                                                                                                                   |
| Welcome                                                             | 13.00 – 13.30 | Presentation           | Rosie Bishop, Daniel Fredh, Daisy Spencer (Museum of Archaeology, University of Stavanger) | Welcome and Introduction                                                                                                                          |
| INTERACTIONS:<br>Long-term<br>Human-<br>Environment<br>Interactions | 13.30 – 13.40 | Presentation           | Ingvild K. Mehl (University Museum of Bergen, University of Bergen)                        | Vegetation during the Mesolithic in coastal western Norway                                                                                        |
|                                                                     | 13.40 – 13.50 | Presentation           | Michelle Farrell et al (Coventry University)                                               | Expanding the open: exploring the deep-time interface between natural and anthropogenic drivers in the heathlands of post-glacial northern Europe |
|                                                                     | 13.50 – 14.00 | Presentation           | Christin Eldegard Jensen (Museum of Archaeology, University of Stavanger)                  | Long-term development of a 1500 year old coastal heathland pasture in Lofoten, northern Norway                                                    |
|                                                                     | 14.00 – 14.10 | Presentation           | Lene Synnøve Halvorsen (University Museum of Bergen, University of Bergen)                 | Life at the beach – the Selje site                                                                                                                |
|                                                                     | 14.10 – 14.15 | Lightning presentation | Didrik Tveit (University of Iceland)                                                       | The paleoecology of Icelandic birch woodland utilization                                                                                          |
|                                                                     | 14.15 – 14.30 | Questions/discussion   |                                                                                            |                                                                                                                                                   |
|                                                                     | 14.30 – 15.00 | <i>Coffee break</i>    |                                                                                            |                                                                                                                                                   |

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|---------------------|---------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
|                     | 15.00 – 15.10 | Presentation                                                                                         | Anthony Brown et al (Arctic University of Noway, UiT)                                | The molecular ecology of European landscapes (MEMELANDS): taphonomy, site and method selection        |
| INTERACTIONS (cont) | 15.10 – 15.20 | Presentation                                                                                         | Iride Tomažič et al (University of Michigan)                                         | Diversifying diets to navigate changing environments: a case from Middle Bronze Age Moriš communities |
|                     | 15.20 – 15.25 | Lightning presentation                                                                               | Tetsuya Shiroishi (Yamagata University)                                              | High-precision radiocarbon dating for climate and early agriculture, Japan                            |
|                     | 15.25 – 15.30 | Lightning presentation                                                                               | Sara Scaglia et al (Universitat Pompeu Fabra)                                        | Shifting subsistence practices in North Africa and the Sahara over the Holocene: preliminary results  |
|                     | 15.30 – 15.40 | Questions/discussion                                                                                 |                                                                                      |                                                                                                       |
| Poster Session      | 15.40 – 16.20 | Poster Session                                                                                       |                                                                                      |                                                                                                       |
|                     | 16.20 – 16.30 | Short break                                                                                          |                                                                                      |                                                                                                       |
| Keynote Lecture     | 16.30 – 17.30 | Keynote Lecture                                                                                      | Kari Loe Hjelle (Museum Director, University Museum of Bergen, University of Bergen) |                                                                                                       |
|                     | 17.30 – 18.30 | <i>Welcome drinks reception with nibbles</i>                                                         |                                                                                      |                                                                                                       |
|                     | 18.30 - 20.30 | <i>Cardinal pub upstairs booked for conference participants (Address: Skagen 21, 4006 Stavanger)</i> |                                                                                      |                                                                                                       |

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### Friday 5<sup>th</sup> December

|                                                |               |                      |                                                                                                                            |                                                                                                                                                                            |
|------------------------------------------------|---------------|----------------------|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                | 8.30 – 9.00   | <i>Registration</i>  |                                                                                                                            |                                                                                                                                                                            |
| FARMING:<br>Farming Adaptations and Resilience | 9.00 – 9.10   | Presentation         | Matti Leino et al (Stockholm University) and Jenny Hagenblad (Linköping University)                                        | The role of farmers' seed exchange for climate adaptation of crops                                                                                                         |
|                                                | 9.10 – 9.20   | Presentation         | Fanny Langouët et al (Université Paris 1 Panthéon Sorbonne)                                                                | Agropastoral resilience under extreme and changing conditions on the Bolivian Altiplano: environmental archaeology of Lake Titicaca's northeastern shores                  |
|                                                | 9.20 – 9.30   | Presentation         | Maha Ismail (Pazmany Peter Catholic University)                                                                            | Pressing on the edge: olive oil, rural technologies, and resilient landscapes in Roman and Byzantine Syria                                                                 |
|                                                | 9.30 – 9.40   | Presentation         | Ingrid Mainland (University of the Highlands and Islands) and Sean Denham (Museum of Archaeology, University of Stavanger) | 'The beasts that set the pattern of human life': resilience and adaptation in livestock farming practices in Atlantic Scotland and Southern Norway during early prehistory |
|                                                | 9.40 – 9.50   | Presentation         | Jutta Lechterbeck et al (Museum of Archaeology, University of Stavanger)                                                   | Farms, fields and inequality: house size, land Use, and landesque capital in prehistoric Rogaland, Southwestern Norway                                                     |
|                                                | 9.50 – 10.05  | Questions/discussion |                                                                                                                            |                                                                                                                                                                            |
|                                                | 10.05 – 10.30 | <i>Coffee break</i>  |                                                                                                                            |                                                                                                                                                                            |
| FARMING<br>(continued)                         | 10.30 – 10.40 | Presentation         | Ida Tegby et al (Museum of Archaeology, University of Stavanger)                                                           | Using sedimentary ancient DNA to re-evaluate the introduction and development of agriculture in southwest Norway                                                           |
|                                                | 10.40 – 10.50 | Presentation         | Aldona Mueller-Bieniek (University of Warsaw)                                                                              | Tracking food acquisition strategies of pioneering settlers in prehistoric Poland                                                                                          |
|                                                | 10.50 – 11.00 | Questions/discussion |                                                                                                                            |                                                                                                                                                                            |
| WILD RESOURCES:<br>Selection, Management       | 11.00 – 11.10 | Presentation         | Mary-Louise Lambourne et al (University of Queensland)                                                                     | Aboriginal response to post-glacial sea level rise in the North of Australia                                                                                               |
|                                                | 11.10 – 11.20 | Presentation         | Philip Riris et al (Bournemouth University)                                                                                | Integrating indigenous cosmology, archaeology, and palaeoecology to shape the future of Brazil's Atlantic Forest                                                           |

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| and Resilient Strategies   | 11.20 – 11.30 | Presentation           | Andrés Robledo (Institute of Anthropology of Córdoba (CONICET))                                          | Exploring Holocene landscapes and uses of woody species by hunter-gatherer societies in semi-arid environments of central Argentina                                                                                               |
|                            | 11.30 – 11.40 | Presentation           | Claudia Speciale et al (IPHES - Catalan Institute of Human Paleoecology and Social Evolution, Tarragona) | Life on the edge: Pantelleria (Trapani, Sicily) as a case study for the archaeological and paleoenvironmental studies on small Mediterranean islands                                                                              |
|                            | 11.40 – 11.45 | Lightning presentation | Diego Brambilla et al (The Arctic University of Norway, UiT)                                             | What's on the Arctic menu? New insights on Sámi diet in Northern Norway through multi-marker eDNA metabarcoding                                                                                                                   |
|                            | 11.45 – 12.00 | Questions/discussion   |                                                                                                          |                                                                                                                                                                                                                                   |
|                            | 12.00 – 13.00 | <i>Lunch</i>           |                                                                                                          |                                                                                                                                                                                                                                   |
| WILD RESOURCES (continued) | 13.00 – 13.10 | Presentation           | Niklas Hausmann et al (Leibniz-Zentrum für Archäologie)                                                  | Recent updates on Cnoc Coig, a late Mesolithic shell midden at the Northwest fringe of Europe                                                                                                                                     |
|                            | 13.10 – 13.20 | Presentation           | Konrad Smiarowski and Syrielle Fayet (University Museum in Bergen)                                       | Marine surplus production and resilience in Neolithic western Norway: environmental adaptations at Selje                                                                                                                          |
|                            | 13.20 – 13.30 | Presentation           | Mai Walker (University of Chester)                                                                       | Can an assessment of the existing palynological record provide new insights into human-plant narratives within the Early to mid-Holocene in England, and can this help us to inform modern rewilding and conservation programmes? |
|                            | 13.30 – 13.45 | Questions/discussion   |                                                                                                          |                                                                                                                                                                                                                                   |
|                            | 13.45 – 14.00 | <i>Short break</i>     |                                                                                                          |                                                                                                                                                                                                                                   |
| Keynote Lecture            | 14.00 – 15.00 | Keynote Lecture        | Peter Rowley-Conwy (Department of Archaeology, University of Durham)                                     |                                                                                                                                                                                                                                   |
|                            | 15.00 – 16.00 | <i>AEA AGM</i>         |                                                                                                          |                                                                                                                                                                                                                                   |

## Life on the Edge: Full Conference Schedule

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|--|---------------|--------------------------------------|--|--|
|  | 17.00 – 18.30 | <i>Guided tours of Iron Age Farm</i> |  |  |
|  | 18.30 – 23.00 | <i>Conference Dinner</i>             |  |  |

### Saturday 6<sup>th</sup> December

|                                                                   |               |                      |                                                                                                      |                                                                                                                                                                 |
|-------------------------------------------------------------------|---------------|----------------------|------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                   | 8.30 – 9.00   | <i>Registration</i>  |                                                                                                      |                                                                                                                                                                 |
| LIVING: Living in Remote, 'Marginal' and Challenging Environments | 9.00 – 9.10   | Presentation         | Elena Scarsella (Barcelona Supercomputing Centre) and Dario Monti (Université Catholique de Louvain) | Thresholds of resilience: climate fluctuations and human communities in mountainous apennine landscapes                                                         |
|                                                                   | 9.10 – 9.20   | Presentation         | Samantha Stephens and Alison Crowther (University of Queensland)                                     | Surviving in a depauperate island environment: subsistence adaptation in the Comoros, East Africa                                                               |
|                                                                   | 9.20 – 9.30   | Presentation         | Shaddai Damaris Heidgen et al (Arctic University Museum of Norway, UiT)                              | Viking to Christian landscapes across the Norwegian and the North Sea (V2C): an interdisciplinary environmental archaeology project                             |
|                                                                   | 9.30 – 9.40   | Presentation         | Gudny Zoega and Kimmarie Murphy (Hólar University)                                                   | Life on the Northern frontier: bioarchaeological evidence of environmental stress in late Viking age to early Medieval North Iceland                            |
|                                                                   | 9.40 – 9.50   | Presentation         | Ramona Harrison (University of Bergen)                                                               | Weaving interdisciplinary nets in North Iceland – environmental archaeology records cultural contexts from the Viking and Middle Ages in the Gásir Hinterlands. |
|                                                                   | 9.50 – 10.00  | Presentation         | Jen Harland et al (University of the Highlands and Islands)                                          | Whale oil as marine energy in Northern Scotland: from community to commerce                                                                                     |
|                                                                   | 10.00 – 10.20 | Questions/discussion |                                                                                                      |                                                                                                                                                                 |
|                                                                   | 10.20 – 10.45 | <i>Coffee break</i>  |                                                                                                      |                                                                                                                                                                 |
| LIVING (continued)                                                | 10.45 – 10.55 | Presentation         | Julia E M Cussans et al (University of the Highlands and Islands)                                    | Trade, resilience and surplus production in post Medieval Orkney and Shetland: results from the LIFTE Project                                                   |

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|                                                               | 10.55 – 11.00 | Lightning presentation | Mads Bakken Thastrup (Moesgaard Museum) and Helgi Michelsen (Tjóðsavnið) | Between a rock and a hard place: evidence of hulled and naked barley in Viking age Faroe Islands                                                |
|                                                               | 11.00 – 11.05 | Lightning presentation | Melissa Ritchey (Washington University in St. Louis)                     | Barley at the edge: rethinking early farming in Viking age Iceland                                                                              |
|                                                               | 11.05 – 11.10 | Questions/discussion   |                                                                          |                                                                                                                                                 |
| CLIMATE:<br>Adaptations to<br>Shorter-term<br>Climate Changes | 11.10 – 11.20 | Presentation           | Possum Pincé et al (Ghent University)                                    | Human-environment responses to the 4.2 and 3.2 ka events in the Meuse Basin (Belgium): Assessing the extent and impact of rapid climate changes |
|                                                               | 11.20 – 11.30 | Presentation           | Sidsel Hammerstoft Hansen (Moesgaard Museum)                             | Commons and resilience: rethinking late Neolithic agriculture in South Scandinavia through archaeobotanical evidence                            |
|                                                               | 11.30 – 11.40 | Presentation           | Siri Pettersson Bergman et al (Stockholm University)                     | Agriculture on Iron Age Öland, Sweden: changes in grain cultivation in a changing climate                                                       |
|                                                               | 11.40 – 11.45 | Lightning presentation | Charlotte Lucy Molloy et al (University College Dublin)                  | First harvests: untangling climate, chronology and cereal cultivation in later Neolithic Ireland 3600–2500 BC                                   |
|                                                               | 11.45 – 11.50 | Lightning presentation | Dawn Elise Mooney (Museum of Archaeology, University of Stavanger)       | Co-cultivation in the Merovingian period? Legume finds from Harestad, southwest Norway                                                          |
|                                                               | 11.50 – 12.05 | Questions/discussion   |                                                                          |                                                                                                                                                 |
|                                                               | 12.05 – 13.00 | <i>Lunch</i>           |                                                                          |                                                                                                                                                 |
| GENERAL<br>SESSION                                            | 13.00 – 13.10 | Presentation           | Jennifer R. Jones et al (University of Lancashire)                       | Reconstructing and contextualising the dietary behaviour of a of an MIS3 Cave bear population from Šalitrena Pećina, Serbia                     |
|                                                               | 13.10 – 13.20 | Presentation           | Sophie Firth (University of Sheffield)                                   | Neanderthal and modern human subsistence in the Palaeolithic: cut mark analysis of fossil mammal bones from Creswell Crags                      |
|                                                               | 13.20 – 13.30 | Presentation           | Henry Chapman et al (University of Birmingham)                           | Digging into the archives: new insights into the depositional context of northern European bog bodies                                           |

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|----------------------------------------|---------------|----------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
|                                        | 13.30 – 13.40 | Presentation                           | Mil Bedford et al (University of Bradford)                                                 | Investigating past uses of seaweed in the North Atlantic using analytical methods on archaeological and modern samples      |
|                                        | 13.40 – 13.45 | Lightning presentation                 | Shalen Prado (Museum of Archaeology, University of Stavanger)                              | SEARCHing for seaweeds: building a comparative collection of microalgae and microbotanical specimens for the North Atlantic |
|                                        | 13.45 – 14.00 | Questions/discussion                   |                                                                                            |                                                                                                                             |
|                                        | 14.00 – 14.30 | <i>Coffee break</i>                    |                                                                                            |                                                                                                                             |
| GENERAL SESSION<br>(continued)         | 14.30 – 14.40 | Presentation                           | Mary Lucas et al (Arctic University of Norway, UiT)                                        | Sedimentary ancient DNA analysis of cooking pits from the Iron Age site of Rødskjær in Northern Norway                      |
|                                        | 14.40 – 14.50 | Presentation                           | Michael Wallace (Headland Archaeology)                                                     | A message from the abyss: how to fix the interoperability crisis in environmental archaeology                               |
|                                        | 14.50 – 15.05 | Questions/discussion                   |                                                                                            |                                                                                                                             |
| Closing discussion & AEA Presentations | 15.05 – 15.45 | Closing discussion & AEA presentations | Rosie Bishop, Daniel Fredh, Daisy Spencer (Museum of Archaeology, University of Stavanger) |                                                                                                                             |
|                                        |               |                                        | Michael Wallace (AEA Chair)                                                                |                                                                                                                             |
|                                        | 15.45         | End of Conference                      |                                                                                            |                                                                                                                             |

**Thank you for attending!**

