Programme

DAY 1

11.00—12.30	**Workshops**	
	1: Introduction to Bayesian Statistics *with Enrico Crema (University of Cambridge)*	West Building Seminar Room
	2: Introduction to Arches *with Phil Carlisle (Historic England) and the MAHSA and MAEASaM team*	HWB Seminar Room
12.30—13.30	Registration	HWB Seminar Room
	Lunch	HWB Library
13.30—13.45	Introduction & Welcome	HWB Seminar Room
13.45—15.45	Session 1: Approaches to Landscapes	HWB Seminar Room
15.45—16.00	Coffee Break & Poster Session	
16.00—17.30	Session 2: Innovations in Heritage	HWB Seminar Room
17.15—18.15	CAA UK AGM	HWB Seminar Room
18.00—19.00	Drinks Reception	McDonald Institute for Archaeology

DAY 2

9.00—9.30	Registration and coffee	HWB Seminar Room
9.30—11.15	Session 3: Modelling the Past	HWB Seminar Room
11.15—11.30	Coffee Break & Masters Award Announcement	
11.30—13.45	Session 4: New Digital Horizons	HWB Seminar Room

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Session Overview

Session 1: Approaches to Landscapes

chaired by Alexes Mes

13.45	Avebury Revisualised: Digitised Cartographies of a Contested Past Madeline Meltesen
14.00	Georeferencing Carvalho's Travel Maps in Central Africa: Methods and Contribution for Archaeology Hannah Nachtegaele°
14.15	Methodological GIS Roadblocks: A Case Study on the Indian Palaeolithic Vaneshree Vidyarthi
14.30	Ecological Niche Modelling as A Means to Assess the Potential Uptake of Farming in Coastal North Africa Michaela Heale
14.45	The topography of human mobility in pre-modern Europe Joseph Lewis
15.00	Recovering the Lost Heritage: Speaking Archaeologically and Digital Recording Practices for Mapping Heritage At Risk Sites in India Shriya Gautam, Simran Kaur Saini*
15.15	Developing a Coastal Change Vulnerability Index for Archaeological Sites Along the Lebanese Coast Celia Prescott
15.30	Q&A

° - Speaker presenting online

* - Presenting speaker (in multi-authored paper)

Session 2: Innovations in Heritage

chaired by Stefania Merlo

16.00	DIY Heritage Orhun Uğur
16.15	An Audio-Tactile Approach to Accessibility in Heritage Abigail Goodland
16.30	Bring the Past to Life: 3D Animation of Artefacts Meng Meng
16.45	Reimagining Heritage: Using Game Jams to Disrupt the Archive Matthew Morton°
17.00	Archaeological Gameplay: Using Roguelite Videogames as a Pedagogical Tool to Teach Archaeological Methods Katrine Haydock
17.15	Q&A

Session 3: Modelling the Past

chaired by Enrico Crema

09.30	**Settlement Hierarchy, Coalescence, and Centrality in Iron Age Societies of North-Western Iberia** Santiago Tuñas-Corzón
09.45	**Simulating Late Muisca Geopolitical Patterns** Eduardo Herrera Malatesta*, Andrew Bevan, Pedro M. Argüello García, Aranka Kriekaart, Alexander Geurds
10.00	**Spatial Models to Reconstruct the Regional Geographic Variations in the Arrival Times of Cultural Traits** Alexes Mes
10.15	**Exploring Change in Inequality During Environmental Instability Using Computational Modelling** Adrian Timpson, Simon Carrignon*, Stephen Shennan, Mark Thomas
10.30	**Tracking Spatial and Temporal Variation in Body Size and Proportions across Ancient Chinese Groups** Doudou Cao*, Enrico R Crema, Emma Pomeroy
10.45	**Agricultural Production in the Mediterranean Throughout the First Millennium CE: Agent-Based Model Beyond Time and Space** Anastasia Nikulina*, Helen Foxhall Forbes, Vicky Manolopoulou, Massimiliano Borroni, Jakub Sypiański, Michele Abballe, Ismini Lypiridou, Dan Lawrence
11.00	**From Motifs to Networks: Digital Spatial Analysis of Mesolithic Rock Art in the Betwa Source Region, India** Shriya Gautam
11.15	**Q&A**

Session 4: New Digital Horizons

chaired by Rebecca Roberts

11.45	**Beyond the ruins at Fountains Abbey: Interactive Storytelling with Geophysics** Dushyant Naresh
12.00	**Archaeological Digital Twins and the ARTEMIS Project: The Story So Far** Sarah Middle*, Julian Richards and Holly Wright
12.15	**Sinumorph. A R-Package to Simulate Diachronic Shape Evolution** Alfredo Cortell-Nicolau*, Anne Kandler
12.30	**Computer-Vision Software for Automating and Enhancing Data Capture and Analysis of Lithics: Principles and Applications of PyLithics** Robert A. Foley*, Jason J. Gellis
12.45	**Partitioning Archaeological Data in Space and Time: A Multi-Objective Clustering Algorithm for Regional Time Series Analysis** Victor Yan Kin Lee*, Adrian Timpson, Simon Carrignon, Stephen Shennan, Mark G. Thomas, Fernando Racimo
13.00	**Fusing Text and Terrain: An LLM-Powered Pipeline for Preparing Archaeological Datasets from Literature and Remote Sensing Imagery** Linduo Li, Yifan Wu*, Zifeng Wang
13.15	**From Paper to Data: Exploring AI for Archaeological Record Digitisation** Alphaeus Lien-Talks
13.30	**Q&A & Closing Remarks**