

Linking Pasts and Sharing Knowledge

Mapping Archaeological Heritage, Legacy Data Integration and Web Technologies for Modelling Historical Landscapes



**Hybrid Conference | Hosted by the University of Naples Federico II
Organised with Sapienza University of Rome and University of Sheffield**

13th November 2023 Dipartimento di Studi Umanistici,
Palazzo di via Marina 33, aule 811-812

9:00-13:30 Workshops

13th November 2023 Dipartimento di Studi Umanistici, Complesso di San Pietro
Martire, via Porta di Massa 1, aula ex Cataloghi Lignei

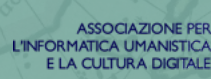
15:00-19:00 Panel 1. *Digital Approaches in Archaeological Mapping*

14th November 2023 Dipartimento di Studi Umanistici, Complesso di San Pietro
Martire, via Porta di Massa 1, aula ex Cataloghi Lignei

09:00-19:00 Panel 2. *Digital Integration of Archaeological Legacy Data*



Con il patrocinio di



Consulta di
Topografia antica

Linking Pasts and Sharing Knowledge. Mapping Archaeological Heritage, Legacy Data Integration and Web Technologies for Modelling Historical Landscapes

Hybrid Conference | Hosted by the University of Naples Federico II, organised with the Sapienza University of Rome and the University of Sheffield | 13th-14th November 2023 - Naples, University of Naples Federico II Department of Humanities, Aula ex Cataloghi Lignei

13th November 2023, Dipartimento di Studi Umanistici - Palazzo di via Marina 33 - Workshops

9:00-13:30: Workshop 1. *The open source platform Recogito (Pelagios Commons): from semantic annotation to LOD creation* with Valeria Vitale (University of Sheffield)

9:00-13:30: Workshop 2. *Re-shaping LiDAR data for Landscape Archaeology research* with Giacomo Fontana (University College London-KNIR)

13th November 2023, Dipartimento di Studi Umanistici - Complesso di San Pietro Martire, via Porta di Massa 1, aula ex Cataloghi Lignei

15.00 - *Greetings*

Andrea Mazzucchi (Università degli Studi di Napoli Federico II)

Marina Buzzoni (AIUCD, Università Ca' Foscari Venezia)

Paolo Liverani (Consulta di Topografia antica, Accademia dei Lincei, Università di Firenze)

15.10 - *Introduction*

Rodolfo Brancato (Università degli Studi di Napoli Federico II), Julian Bogdani (Sapienza University of Rome), Valeria Vitale (University of Sheffield)

Panel 1. Digital Approaches in Archaeological Mapping

Chair - Jonathan Prag (Oxford University)

15:20 - Margherita Azzari (Università di Firenze), Paolo Liverani (Accademia dei Lincei - Università di Firenze), *Landscape visualisation and modelling*

15:40 - Ian Haynes (Newcastle University), Thea Ravasi (Newcastle University), Iwan Peverett (New Visions), Stephen Kay (The British School at Rome), Elena Pomar (The British School at Rome), Elettra Santucci (Newcastle University), Phyllida Bailey (Newcastle University), Francesca Carboni (Soprintendenza Speciale PNRR), David Heslop (New Visions), Alex Turner (Newcastle University), Matteo Sordini (Università di Siena), Francesco Pericci (Università di Siena), Carlo Rosa (SIGEA Lazio), Marc Grellert (Technische Universität Darmstadt), Mike Simpson (Newcastle University) and Simonetta Serra (Soprintendenza Capitolina), *A new approach to historical landscape visualisations. Rome Transformed SCIEDOC and the evolution of Rome's via Statilia and Arcus Neroniani/Caelemontani in the Roman period*

16:00 - Mirella Serlorenzi (Soprintendenza di Roma), Ascanio D'Andrea, Giorgia Leoni, Riccardo Montalbano (Università Internazionale Telematica Uninettuno), Daniele Sepio, *The SITAR project: new developments and future prospects*

16:20 - Coffee break

Chair - Paolo Liverani (Accademia dei Lincei - Università di Firenze)

17:00 - Nicola Lercari (Ludwig-Maximilians-Universität München), *Archaeology of Archaeology at Heloros: Re-interpreting the Urban Layout of a Complex Greek Settlement in Sicily using Proximal Sensing and Data Fusion*

17:20 - Giuseppina Renda (Università della Campania 'Luigi Vanvitelli'), Pacifico Cofrancesco (Università degli Studi di Pavia), Carmine Civale, Sabrina Mataluna (Università della Campania 'Luigi Vanvitelli'), *The GISTArc WebGIS for the accessibility and sharing of archaeological data in Campania*

17:40 - Giacomo Fontana (University College London-KNIR), *Integrating lidar and machine learning for archaeological research and heritage management in mountainous and forested landscapes*
18:00 - Valentina Limina (Université Catholique de Louvain), *Modelling (and Simulating) Ancient Landscapes. RELOAD, a new project for liminal areas in Northern Tuscany*
18:20 - Discussion

20:30 - Social dinner

14th November 2023 - Dipartimento di Studi Umanistici, Complesso di San Pietro Martire, via Porta di Massa 1, aula ex Cataloghi Lignei

Panel 2. Digital Integration of Archaeological Legacy Data

Chair - Barbara Elisabeth Borg (Scuola Normale di Pisa)

09:00 - Jonathan Prag (Oxford University), *Creating Links and Sharing Knowledge: an epigraphic perspective*
09:20 - Anita Casarotto, Tesse D. Stek (KNIR-University of Groningen), *Mapping, comparing and integrating archaeological survey datasets on a supranational level: a pilot methodology for Italy and Portugal*
09:40 - Julian Bogdani, Domizia D'Erasmus (Università di Roma "La Sapienza"), *Old data, old methodology and new research. A case study of legacy data integration from the Kestrine region, Epirus*
10:00 - Jacopo Turchetto (Università di Padova), Caterina Previato (Università di Padova), Jacopo Bonetto (Università di Padova), Giovanna Falezza (Soprintendenza archeologia belle arti e paesaggio per le province di Verona, Rovigo e Vicenza), *Mapping the archaeological landscapes of San Basilio (Ariano nel Polesine, Rovigo - Italy)*

10:20 - Coffee break

Chair - Paolo Liverani (Accademia dei Lincei - Università di Firenze)

10:40 - Barbara Elisabeth Borg (Scuola Normale di Pisa), *Mapping the social history of Rome: a new approach to re-contextualising the inscriptions from CIL VI*
11:00 - Valeria Vitale (University of Sheffield), *Labels and symbols: semiotic approaches to digital map annotation using "Recogito". The case study of the representation of Antiquities on Ordnance Survey maps in Great Britain*
11:20 - Philipp Köhner (Katholische Universität Eichstätt-Ingolstadt), *The DFG Project Online: a digital Commentary on the Tabula Peutingeriana*
11:40 - Valentina Mignosa (Università degli Studi di Udine), *Digital Tools for Ancient History? Opportunities and Challenges of Deep Mapping*
12.00 - Discussion

13.00 - Light lunch

Chair - Alessandro Naso (Università degli Studi di Napoli Federico II)

15:00 - Nicola Laneri, Chiara Pappalardo, Daniele Santamaria, Marianna Nicolosi Asmundo (Università degli Studi di Catania), *Introducing Godscapes: Towards a Model of Material Religion in the Second Millennium BCE Levant via Semantic Web Ontologies*
15:20 - Sergio Giuseppe Russo (University of Cambridge), *Legacy Pottery Data, GIS, and Statistical Computing: Revamping Archaeological Understanding through Knowledge-Sharing and Digital Technologies*
15.40 - Irene Rossi (CNR-ISPC), Jérémie Schiettecatte (CNRS, UMR 8167 Orient et Méditerranée, Paris), *The Maparabia project: integrating archaeological, geographic and epigraphic data for synthesizing ancient Arabia*
16:00 - Andrea D'Andrea (Università L'Orientale), *Legacy data or just archaeological data?*

16.20 - Coffee break

Chair - Nicola Lercari (Ludwig-Maximilians-Universität München)

16:40 - Rodolfo Brancato (Università degli Studi di Napoli Federico II), Veronica Ferrari (Università del Salento), Irene Rossi (CNR-ISPC), *The In.Res.Agri Project: investigating Resilient Roman Agricultural Landscapes in Southern Italy. An integrated and open IT approach to modelling centuriation through archaeology, remotely sensed data, palynology and ancient texts*

17:00 - Giulia Marsili (Università di Bologna), *Digital Piazza Armerina: from legacy data to future research*

17:20 - Claudia Lamanna (Università di Bologna), *Ravenna and its Late Antique and Medieval Epigraphic Landscape: Evaluation of SfM and LiDAR technology for mapping the cultural heritage*

17.40 - Laura Ebanista (Università di Roma "La Sapienza"), *Use and processing of multispectral images in proximity remote sensing*

18.00 - Paola Moscati (CNR-ISPC), *Concluding remarks: looking back and moving forward to the openness and interaction of knowledge*

18.20 - Discussion

CONFERENCE SCIENTIFIC COMMITTEE

B.E. Borg (Scuola Normale Superiore di Pisa), P. Carafa (Università di Roma La Sapienza), G. Ceraudo (Università del Salento), B. De Divitiis (Università degli Studi di Napoli Federico II), Nicola Lercari (Ludwig-Maximilians-Universität München), P. Liverani (Università di Firenze), V. Lucherini (Università di Napoli Federico II), D. Malfitana (Università degli Studi di Catania), P. Moscati (CNR-ISPC), S. Quilici Gigli (Università della Campania L. Vanvitelli), O. Henry (Université Lumière Lyon 2), M. Pacciarelli (Università di Napoli Federico II), A. Naso (Università degli Studi di Napoli Federico II), M. Rathman (Eichstätt-Ingolstadt), T. Stek (KNIR-University of Groningen), E. Tortorici (Università degli Studi di Catania)

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J. Bogdani (Università La Sapienza); R. Brancato (Università di Napoli); V. Vitale (University of Sheffield)