

International conference on Open software, hardware, processes, data and formats in  
archaeological research

**Open Science and archaeology: archiving the knowledge.**

**Department of Historical Studies University of Turin  
Palazzo Nuovo, Via Sant'Ottavio 20, Aula Terracini (Ground floor)**

**December 12-13, 2023**

9.00 **Greetings** Gianluca Cuniberti, Vito Messina

9.15 **Introduction** Anna Maria Marras, Rosina Leone, Alessio Palmisano

9.30-11.00 **Plenary session**

9.30 **Chiara Bonacchi**, University of Edinburgh

10.00 **Elena Giglia**, Open Science Unity, University of Turin

10.30 **Elena Marangoni, Oriana Bozzanelli**, Wikimedia Italy, University of Turin

**11.00-11.30 Coffee break**

**11.30-13.00 Use and reuse of images and digital contents in Heritage (roundtable)**

**13.00 – 14.00 Lunch break**

**14.00 – 16.00 Panel Session 1**

**Tools, objectives, users: state of art and future perspectives on the sharing of open data in archaeology**

Valeria Boi, Mirella Serlorenzi

***Data Opening in Archaeology: A Roadmap***, Elena Calandra, Valeria Acconcia, Valeria Boi, Ilaria Di Cocco, Annalisa Falcone, Mirella Serlorenzi.

***Managing Archaeological Data for a Sustainable Governance of Heritage***, Francesca Anichini, Antonio Campus, Gabriele Gattiglia, Antonella Rosa Saponara.

***The DSC authority file: a link between fieldwork and finds***, Stefano Costa, Eleonora Fornelli, Anna Lorenzatto, Gennaro Iovino, Chiara Panelli, Fiorenza Proto, Renata Esposito.

***Does not compute! Accounting for social and situated experiences while integrating and analyzing obsidian sourcing data***, Zachary Batist.

***An easy and open way to publish geographical open dataset from QGIS to Kepler.gl: the MirrorLab WebGIS case study***, Francesco Freddolini, Vincenzo Maria Lacolla, Saverio Giulio Malatesta, Maria Onori, Antonio Pugliano, Paolo Rosati.

***Entertainment buildings in the roman empire: a quantitative approach***, Lucia Marsicano, Marco Montanari.

***Sharing (Linked) Open Data with domain-specific data-driven community hubs on the example of the German National Research Data Infrastructure (NFDI) consortium NFDI4Objects and the data hub archaeology.link***, Florian Thiery, Allard Mees.



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## ARCHEO.FOSS XVII | 2023

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**16.00 -16.30 Coffee break**

**16.30 – 17.30 Panel session 2**

**Archaeo.social: archaeology in the Fediverse and the future of scholarly social media**

Joe Roe, Zack Batist

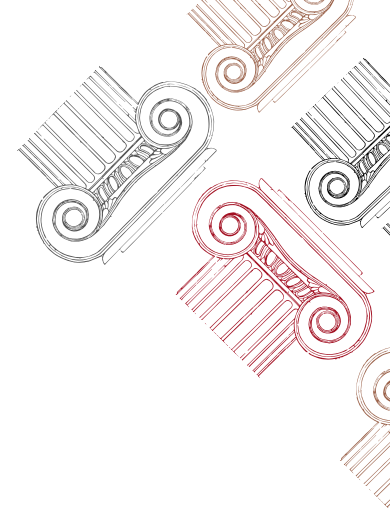
***Media deconvergence and digital public archaeology***, Lorna-Jane Richardson

***On the pessimistic side: Is the fediverse a viable alternative to X for Spanish researchers?*** María Coto-Sarmiento

***Making and Breaking: Anarchist Praxis, Archaeological Communities, and Social Media***, Judit del Río, Aris Politopoulos, Colleen Morgan

**17.30 - 19.00 Musei Reali visit**





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**13 December**

**9.00- 11.00 Panel session 3**

**The Roadmap to Cooperation and Transparency: Fostering Open Science Solutions in Archaeology**

Alessio Palmisano, Andrea Titolo

*The Good, the Bad and the Ugly: Evaluating Open Science Practices in Archaeology*, Alessio Palmisano, Andrea Titolo.

*The (open) BE-ARCHAEO database: a tool for interdisciplinary research on archaeological sites*, Monica Gulmini, Vincenzo Lombardo.

*Citizen archaeology with Sardinia mining communities: an experimental action research policy to enhance mining heritage protection through 3D scanning initiatives*, Mattia Sanna Montanelli; Pietro Francesco Serreli.

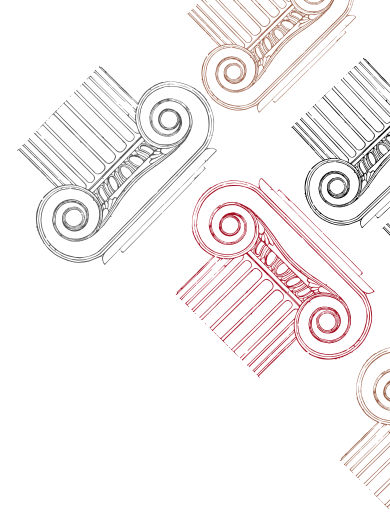
*Harmonizing Photogrammetric Approaches for Cultural Heritage Preservation: A Methodological Framework and Comparative Analysis*, Vittorio Lauro, Vincenzo Lombardo.

*Dealing with doubts: Site georeferencing in archaeology and in the geosciences*, Florian Thiery, Stefanie Baars, Fiona Schenk.

*Using Kart and GitHub for versioning and collaborating with spatial data in archaeological research*, Andrea Titolo, Alessio Palmisano.

*Remote sensing with Open-Source systems. The open architecture of the UAVIMALS prototype and its application in the archaeological context of Cencelle (Tarquinia, Italy)*, Federica Vacatello, Andrea Vannini.

**11.00- 11.15 coffee break**



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**11.15-13.30 Panel session 4**

**Virtual Reconstruction in Archaeology with FOSS methods and tools**

Emanuel Demetrescu, Simone Berto

*Metaverse and "the italian job": closed and open models of virtual worlds in cultural heritage domain*, Augusto Palombini

*From GIS to BIM. The 3D archaeological map of Altinum (Italy)*, Eleonora Del Pozzo.

*Theoretical-Methodological Report on the Construction of Artificial Archaeological Sites: The Abade Case Study*, Diogo Menezes Costa.

*Virtual recreation as a valid scientific representation for raising public awareness*, Pablo Sicre-González, José Ortiz.

*An Open Look to the Past: Virtual and Immersive Approach to Study Inquisitorial "Autos de Fe" in Colonial Mexico and Guatemala*, Antonio Rodríguez Alcalá, John F. Chuchiak IV, Zoraida Raimúndez Ares, Maria Felicia Rega, Luis Díaz de León, Hans B. Erickson.

*EBVRVM - Eboli in VR. Valorizzare un sito archeologico mediante 3D: il caso studio delle fornaci di Eboli*, Edoardo Baiocchi, G. Chellini, S. Lucatelli, Saverio Giulio Malatesta, Sara Gonizzi Barsanti.

*Extended Matrix Narratives: teaching and engaging through the past*, Paola Frigerio, Caterina Previato, Emanuel Demetrescu

*The Mount Nebo virtual archaeological park: a reconstruction of the Deacon Thomas Church*, Sara Fabbri.

*Engaging the Public: Reviving History Through the Social Simulacra Model in Participatory Public History Projects*, Lorenzo Gigli, Marco Montanari, Lucia Marsicano.

**13.30 - 14.30 Lunch break**



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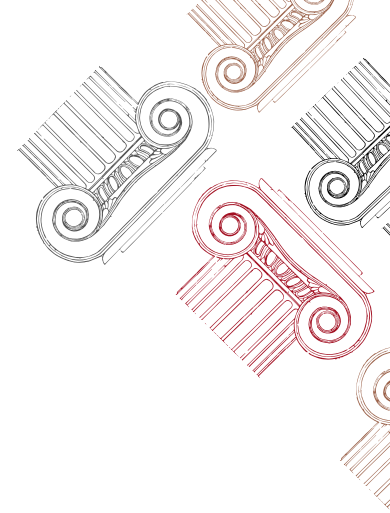
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**14.30 – 15.45 Panel Session 5**

**Small Finds: comparing methodologies and techniques for the 3D scanning of small objects.**

Daniele Bursich, Dario Calomino

***Digital twins of musealized archaeological finds: open source technologies applied to 3D scanning. Methodologies, limits and results***, Sara Airò, Alessandro Bezzi, Luca Bezzi, Rupert Gietl, Cicero Moraes, Giuseppe Naponiello, Andreas Putzer.

***Non-invasive methodologies for the study of mineralized textile traces in Iron Age contexts***, Emanuela Faresin, Vanessa Baratella, Margarita Gleba.

***Data extraction from 3D scanning: post-processing filtering for analytic and informative 3D models of small archaeological finds***, Filippo Diara.

***Small find 3d survey for project Arcoa (ArCOA. Archivi e Collezioni dell'Oriente Antico)***, Luca Peyronel, Tatiana Pedrazzi, Daniele Bursich.

**15.45 - 16.15 Coffe Break**

**16.15 - 17.15 Panel Session 6**

**Data Integration and Communication Platforms/ Bridging the Gap: Platforms for Public Archaeology and Storytelling**

Marco Montanari, Lucia Marsicano

***Zotero2Map - a new ITC tool for sharing and publishing bibliographic data with a cartographic base for historical-archaeological research***, Eleonora Iacopini

***Simplifying contextualization of 3D model archives in WebGIS: 3DModelCommons***, Marco Montanari, Lucia Marsicano

***Amplifying Archaeological Outreach: The Impact of Wikipedia and Collaborative Initiatives on Cultural Tourism***, Piergiiovanna Grossi

**17.15 –18.00 Conclusion**



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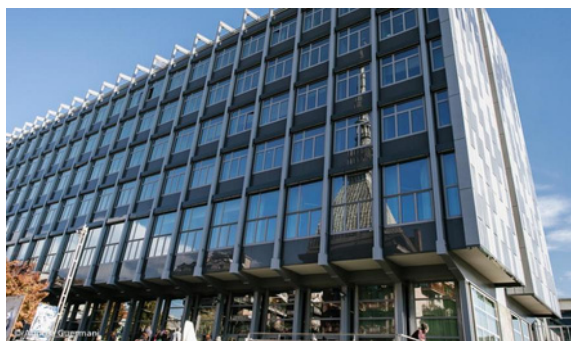
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### Conference venue information

The conference will be held in the Terracini room, on the ground floor of "Palazzo Nuovo" building, headquarters of *Polo Scienze Umanistiche*.

From Palazzo Nuovo in a few minutes it is possible to reach the most important monuments and museums of Turin: *Mole Antonelliana* and National Movies Museums, *Piazza Vittorio*, *Piazza Castello*, *Musei Reali* and *Egyptian Museum*.



View of Palazzo Nuovo



Palazzo Nuovo's map

### Transport information

#### Train stations

**Torino Porta Nuova**, 15 minutes by walk to Palazzo Nuovo.

**Torino Porta Susa**, 33 minutes by walk to Palazzo Nuovo.

For local transportation look at: [GTT website](https://www.gtt.it)

#### Airports

##### Torino Airport (Caselle)

There is a bus every 30 minutes from/to both train stations.

##### Milano Malpensa

2 (c.a.) hours by bus from/to Porta Susa or Porta Nuova

##### Milano Linate

1 or 2 h by train from/to Porta Susa or Porta Nuova

### Conference registration form

**Organizer committee:** Rosina Leone, Anna Maria Marras, Vito Messina, Alessio Palmisano

**Scientific committee:** Julian Bogdani, Paola Buzi, Elena Calandra, Stefano Costa, Emanuel Demetrescu, Benjamin Duce, Gabriele Gattiglia, Saverio Giulio Malatesta, Anna Maria Marras, Paola Moscati, Augusto Palombini.

**Information:** [callforpaper@archeofoss.org](mailto:callforpaper@archeofoss.org); [annamaria.marras@unito.it](mailto:annamaria.marras@unito.it)



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