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Keynote - Nicolò Dell'Unto on Photogrammetry

Tuesday, 24 January 2023 09:00 (1 hour)

Supercomputing the Past, the Use of 3D Visualization Technology in Support of Archaeological Practice

In the last two decades, visualisation and recording technologies have strongly affected how scholars perceive and interact with archaeological information. Specifically, introducing new visualisation techniques and devices has allowed researchers to experience new ways of simulating the past, creating the conditions to discuss recent theoretical frames and address further research questions. Despite archaeologists and cultural heritage specialists only beginning to realise the potential of these applications in the heritage sector, experiments in 3D visualisation have demonstrated how three-dimensional data provide practitioners of the cultural heritage sector with more efficient tools to analyse and interpret the past.

This talk will discuss the potential, limits and future developments of 3D visualisation systems as media for analysing and discussing archaeological interpretations.

Biography

Nicolò Dell'Unto is a professor of archaeology at the Department of Archaeology and Ancient History at Lund University. He studied archaeology at the University of Rome, La Sapienza. Upon completing his Master, he had a joint appointment as a research assistant at the Institute for Technologies Applied to Cultural Heritage, ITABC-CNR, Italy. There, he took part in several international projects for 3D documentation and visualisation of archaeological sites through digital techniques. Later, he obtained a PhD in technologies and management of cultural heritage at the Institute for Advanced Studies, IMT Lucca, Italy. He also worked as a post-doc and lecturer at the University of California Merced before his current position as Professor at Lund University. Dell'Unto is a visiting Professor at the Department of Collection Management at the Museum of Cultural History, University of Oslo.

Session Classification: Keynote