

**IEMA**University at Buffalo
Institute for European and
Mediterranean Archaeology
College of Arts and Sciences

Critical Archaeology in the Digital Age

**The 12th IEMA Visiting Scholar Conference
April 6-7, 2019**Greiner Hall, Ground Level
North Campus, University at Buffalo
Buffalo, NY 14261iema.buffalo.edu/conference**Conference Organizer: Dr. Kevin Garstki**
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Archaeologists have made significant advances in the application of digital technologies in the last few decades. These projects have paved the way for an evolution of data collection, analysis, and publication. However, the epistemological and methodological impacts of digital technologies on the reconstruction of the past are only just beginning to be considered. As all archaeologists now make use of digital tools in some, if not most, aspects of their work, we have the responsibility to critically interact with these tools and their potential impact on the way we *do* archaeology.

This conference will facilitate a dialogue that addresses the concerns of moving to an increasingly digital field. As we transition

beyond the experimental period of digital technologies in archaeology, it is incumbent upon those creating and using digital archaeological data to engage with the effects on archaeological practice and knowledge creation. Knowledge is created at every stage of archaeological practice: data are created during an excavation and during artifact analysis; the choice of what platform to publish data significantly impacts the availability and usability of knowledge; the way archaeology is presented to the public impacts the way the past is negotiated in everyday life. At present, significant attention has been paid to the productive aspect of digital data, especially with regards to digital recording in the field. These techniques have been used to supplement traditional recording practices,

while also challenging some traditional aspects of archaeological practice. At the same time, the down-the-line impact of these data on publication, public outreach, and claims of ownership has only recently been considered. This conference will contend with the impact of digital technologies on these broader aspects of archaeological inquiry and data dissemination.

The conference will provide a space to consider *how* these tools are impacting our work as archaeologists and to critically discuss the ways to move forward in the discipline. This conference will bring together scholars working at different scales to implement digital tools, and whose research focuses on the impact of these tools on different aspects of archaeological practice.

12th Institute for European and Mediterranean Archaeology International Conference

Organizer

Kevin Garstki, 2018-2019 IEMA Postdoctoral Scholar

Speakers

Rebecca Bria, (University of Minnesota, Department of Anthropology)
"Collaborative photogrammetry: enriching community engagement and increasing archaeological literacy in rural Peru"

William Caraher, (University of North Dakota, Department of History and Indian Studies) – "Collaborative digital publishing in archaeology: data, workflows, and books in the age of logistics"

Paola Di Giuseppantonio Di Franco, (University of Essex, School of Philosophy and Art History) – "Sensing and feeling: experiencing museum objects through digifacts"

Maurizio Forte, (Duke University, Department of Classical Studies, Art, Art History and Visual Studies) – "Cyberarchaeology and digital redundancy"

Bernard Frischer, (Indiana University – Bloomington, Department of Informatics)
"Rome reborn, the digital uffizi project, and studies in digital publishing"

Fabrizio Galeazzi, (University of East Anglia, Centre for Archaeology and Heritage (SISJAC); University of York, Department of Archaeology) – "3D thinking in archaeology: from critical interaction to effective evaluation."

Laura Harrison, (University of South Florida, Access 3D Lab) – "At-risk archaeological heritage and the public: local and global perspectives"

Sebastian Heath, (New York University, Institute for the Study of the Ancient World)
"Is ownership part of computational archaeology?"

Jeremy Huggett, (University of Glasgow, Archaeology, School of Humanities)
"Is less more? Slow data and datafication in archaeology"

Eric Kansa, (Open Context) – "Openness in the context of neoliberalism"

Sara Perry, (University of York, Department of Archaeology)
"The case for an affective archaeology"

Adam Rabinowitz, (University of Texas at Austin, Department of Classics)
"Imagining the archive: thinking through the effects of current digital practice on future archaeological research"

Lorna-Jane Richardson, (University of East Anglia, Interdisciplinary Institute for the Humanities) – "Research challenges and methodological pitfalls: social media as a source for understanding public perceptions of archaeology"

Heather Richards-Risetto, (University of Nebraska-Lincoln, Department of Anthropology) – "Where's it all going? critically assessing preservation and access of 3D archaeological data"

Benjamin Štular, (ZRC SAZU, Slovenia) – "Publication of archaeological interpretation of airborne LiDAR data: a decade of experience and future development"

Ruth Tringham, (University of California at Berkeley, Department of Anthropology)
"Some thoughts on the digital and analog afterlives of archaeological projects"

Patrick Willett (University at Buffalo, SUNY, Department of Anthropology/
University of Leuven), **Chris Carleton** (Simon Fraser University, Department of Archaeology), **Ralf Vandam** (University of Leuven, Department of Archaeology)
"Modeling archaeological potential in SW Anatolia: three decades of landscape research in the territory of ancient Sagalassos"

The conference is generously co-sponsored by UB's Departments of History and Geography.

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