

digital cultural heritage: FUTURE VISIONS

Edited by Kelly Greenop and Chris Landorf

Papers presented at the *digital cultural heritage: FUTURE VISIONS London Symposium*
13–15 November 2017 in London, United Kingdom
<https://www.digitalculturalheritagefutures.com/london-symposium-november-2017>

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The papers published in these proceedings are a record of the symposium mentioned on the title page. They reflect the authors' opinions and are published as submitted in their final form with limited editorial change. Their inclusion in this publication does not necessarily constitute endorsement by the editors.

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The symposium Convenors received a total of 33 abstracts. All abstracts underwent a double-blind peer review by two members of the Symposium Organising Committee. Authors of accepted abstracts (24) were invited to submit a full paper following presentation of their draft papers at the symposium. All submitted full papers (8) were again double-blind peer reviewed by two anonymous reviewers and given the opportunity to address reviewer comments. Papers were matched as closely as possible to referees in a related field and with similar interests to the authors. Revised papers underwent a final post-symposium review by the editors before notification of acceptance for publication in the symposium proceedings.

Please note that the paper displayed as an abstract only in the proceedings is currently being developed for an edited book on digital cultural heritage.

Innovative new data collection and digital visualisation techniques can capture and share historic artefacts, places and practices faster, in greater detail and amongst a wider community than ever before. Creative virtual environments that provide interactive interpretations of place, archives enriched with digital film and audio recordings, histories augmented by crowd-sourced data all have the potential to engage new audiences, engender alternative meanings and enhance current management practices. At a less tangible level, new technologies can also contribute to debates about societal relationships with the historical past, contemporary present and possible futures, as well as drive questions about authenticity, integrity, authorship and the democratisation of heritage.

Yet for many, gaps still exist between these evolving technologies and their application in everyday heritage practice. Following the success of a sister conference in Brisbane, Australia in April 2017, this symposium focused on the emerging disciplines of digital cultural heritage and the established practice of heritage management. The symposium aimed to provide a platform for debate between those developing and applying innovative digital technology, and those seeking to integrate best practice into the preservation, presentation and sustainable management of cultural heritage.

The symposium was designed to encourage critical debate across a wide range of heritage-related disciplines. We welcomed papers from practitioners and academics working in cultural heritage and related fields such as architecture, anthropology, archaeology, geography, media studies, museum studies and tourism. We particularly encouraged papers that explored the challenges of digitising tangible and intangible cultural heritage, those that identified issues with digitisation and digital interaction, and those that addressed the theoretical challenges posed by digital cultural heritage.

Kelly Greenop and Chris Landorf
EDITORS and SYMPOSIUM CONVENORS

digital cultural heritage:
FUTURE VISIONS
London Symposium

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13-15 November 2017 in London, United Kingdom
Conference convenors Dr Kelly Greenop and Dr Chris Landorf

DAY 1 Morning	
Monday, 13 November 2017	
08:30 – 09:30	Conference registration <i>[room tbc]</i>
09:30 – 10:00	Conference opening <i>[room tbc]</i>
10:00 – 11:00	KEYNOTE ADDRESS Professor Sarah Kenderdine , ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE Modelling the World in Experimental Museography <i>[room tbc]</i>
11:00 – 11:30	Morning tea <i>[room tbc]</i>
11:30 – 13:30	SESSION 1 – Breadth <i>[room tbc]</i> Session Chair: Andong Lu (tbc) Toby Burrows Cultural Heritage Collections as Research Data Sally MacLennan and Natalie Vinton Virtual Explorers: Using digital technology to share and celebrate cultural heritage in New South Wales Bernadette Devilat 3D Laser Scanning Built Heritage: The case of St. Boniface church in London Sambit Datta, David Beynon and Joshua Hollick Interaction with Architectural Collections using Immersive Stereoscopic Visualisation
13:30 – 14:30	Lunch <i>[room tbc]</i>

Conference registration details can be found at:
<https://digitalculturalheritageconference.com/registration/>

DAY 1 Afternoon	
Monday, 13 November 2017	
14:30 – 15:30	KEYNOTE ADDRESS Tim Williams , UNIVERSITY COLLEGE LONDON Archaeological Heritage Along the Silk Roads: Digital futures <i>[room tbc]</i>
15:30 – 16:00	Afternoon tea <i>[room tbc]</i>
16:00 – 18:00	SESSION 2 – Macro <i>[room tbc]</i> Session Chair: Chris Landorf Dante Abate, M. Faka, S. Hermon, N. Bakirtzis, G. Artopoulos, and O. Daune-Lebrun From Analogue to Digital: 40 years of archaeological documentation and management at the Neolithic UNESCO World Heritage site of Choirokitia (Cyprus) Yang Geng and Huo Dan Digital Reconstruction and Interaction of Linear Cultural Heritages – Taking Ancient Post Roads in Northeast China as an Instance Tiziana Casaburi Rome's Archaeological Area Valorization through Multimedia Presentations Risto Järv Estonian Place-Lore on a Digital Map
	SESSION 3 – Modelling <i>[room tbc]</i> Session Chair: Kelly Greenop Dijana Alic Designing Diversity: Capturing culture in digital form James Ritson A Comparative Analysis of Modelling Techniques for the Reduction of Energy and Carbon Emissions in a Victorian Dwelling Maria Manuela Leoni Web Modern Cultural Heritage in Post-1945 Milan Patrizia Schettino Augmenting Empty Spaces with Content from Digital Archives: Pilot study on the visitor experience and the Villa Ciani 3D

DAY 2 Morning

Tuesday, 14 November 2017

08:30 – 09:00	Conference registration <i>[room tbc]</i>
09:00 – 10:00	KEYNOTE ADDRESS Professor Andong Lu, NANJING UNIVERSITY Digital Agency and Narrative-Augmented Reality <i>[room tbc]</i>
10:00 – 10:30	Morning tea <i>[room tbc]</i>
10:30 – 12:30	SESSION 4 – Depth <i>[room name/number tbc]</i> Session Chair: Sarah Kenderdine (tbc) Yehotel Shapira The Absolut/e's Digital Emblems: Jewish-Messianic alteration of East Jerusalem Eleni Kotoula, Kiraz Goze Akoglu, Shi Weiqi, Yin Yang, Stefan Simon and Holly Rushmeier CHER-Ob for Cultural Heritage Research: Unsleben Jewish cemetery case study Dante Abate and Caroline Sturdy Colls A Multi-Resolution and Multi-Sensor Approach to the Documentation of Treblinka Extermination and Labour Camps in Poland Francisca Sousa, Elia Roldao, Alexandra Encarnacao and Pedro Serra Conservation Challenges of Contemporary Art: Preservation issues in the digital era
12:30 – 13:30	Lunch <i>[room tbc]</i>

DAY 2 Afternoon

Tuesday, 14 November 2017

13:30 – 14:30	WORKSHOP Joann Russell and Lyn Wilson, HISTORIC ENVIRONMENT SCOTLAND Practical Applications of Digital Technologies by Scotland's National Heritage Body <i>[room tbc]</i>	
14:30 – 15:00	Afternoon tea <i>[room tbc]</i>	
15:00 – 16:30	SESSION 5 – Participatory heritage <i>[room tbc]</i> Session Chair: Joann Russell (tbc) Rosie Brigham Holyrood Castle, Machrie Moor and citizen science Mehti Ghafouri Digital Cultural Heritage for Participatory Cultural Heritage Conservation Ahmet Denker From Dipteros to Pseudo-Dipteros: Ionic Temples of Aegean Turkey	SESSION 6 – Digital heritage <i>[room tbc]</i> Session Chair: Tim Williams (tbc) Mollie Claypool We Have Never Been Digital: Architectural design and the heritage of building practices Xu Ding Importance of Digital Strategies in Chinese Traditional Village's Conservation Eftychios Savvidis Future Pasts, Past Future: Or material preservation in an Increasingly digital world
16:30 – 17:30	Conference closing panel session <i>[room tbc]</i>	
17:30 – 18:30	Conference closing drinks <i>[room tbc]</i>	

DAY 3 Morning

Wednesday, 15 November 2017

10:00 – 12:00	SITE VISIT Museum of London 150 London Wall, London EC2Y 5HN https://www.museumoflondon.org.uk/museum-london
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