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The future of the virtual past (Cambridge/online, 27 Jun 22)

Online (Zoom) /Frankopan Hall, Jesus College, University of Cambridge, Jun 27, 2022

Morgan Ng

THE FUTURE OF THE VIRTUAL PAST – New Directions and Shared Standards in the Reconstruction of the Medieval-Renaissance Built Environment

An international interdisciplinary conference organized by Donal Cooper, Morgan Ng, Elisabetta Scirocco, Tanja Michalsky, Roberto Cipolla and Deborah Howard

The need for shared standards in the visualization of cultural heritage is widely recognized (London Charter, 2006; Seville Principles, 2011) but practice remains diverse. Data ontologies like CIDOC-CRM suggest new standards for underpinning data architecture. Emerging tools such as Historical BIM and prototype IIIF-3D viewers offer new methodologies for viewing and annotating 3D models. This workshop brings together leading projects in the field from the UK and German research areas, together with other specialists from the US and Europe, to review current work and assess future developments.

Issues addressed include visualizing incomplete or uncertain data; the understanding of lost architectural structures and their function; current approaches to the integration of 2D geo-data and 3D visualization; differing demands of research, cultural heritage, industry and documentation; the pros and cons of uniformity versus diversity in standards; and issues of accessibility, equity, and open access.

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CONFERENCE PROGRAMME (provisional)

Monday 27th June, 2020

9:45 – 10:15 AM: BREAKFAST / REGISTRATION

10:15 - 10:30 AM: INTRODUCTION

Morgan Ng (Yale University), Donal Cooper, Roberto Cipolla, and Deborah Howard (University of Cambridge)
The Future of 3D for Research and Cultural Heritage : Choices and Challenges

10:30 – 12: SESSION 1

From Data to Model, and Viceversa

Elisabetta Scirocco, Ruggero Longo, Alessandro Adamou (Biblioteca Hertziana, Rome)

Digital 3D Reconstruction as Research Tool – Challenges and Potentials
Piotr Kuroczyński (Hochschule Mainz)

How to Estimate the Quality in the 3D Digitization of Tangible Cultural Heritage?
Marinos Ioannides (Cyprus University of Technology, Europeana)

12 – 1:30: LUNCH

1:30 – 3:00: SESSION 2

IIIF 3D - New Dimensions for Sharing Digital Cultural Heritage
Ronald Haynes (University of Cambridge, iiiF 3D specialist group)

Visualising Hypotheses at the Urban Scale for Dalmatian Cities: Sources, Principles and Aims
Ana Plosnic (University of Zagreb)

3D Research Data Infrastructures and Community Building

Ina Blümel (University of Applied Sciences and Arts, Hanover)

3:00 –3:30 BREAK

3:30 – 5:00: SESSION 3

[Title TBD]
Andrea Giordano (Università di Padova)

Visualising the Palazzo Medici, c.1492
Anna McGee and Luca Brunke (University of Exeter)

3D Workflows for Research, Interoperability and Engagement: From the Archive to the Museum
Fabrizio Nevola, Chiara Capulli (Universities of Exeter and Cambridge, Bibliotheca Hertziana)

5:00 – 6:00 ROUNDTABLE AND CONCLUSION

Roundtable with speakers
Chair: Prof. Dr. Tanja Michalsky (co-director, Bibliotheca Hertziana)

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Conference website: https://www.futureofthevirtualpast.com

To attend please register via these links.
I N P E R S O N (l u n c h p r o v i d e d):
https://www.eventbrite.co.uk/e/the-future-of-the-virtual-past-in-person-conference-tickets-348698545737
W E B I N A R :
https://www.eventbrite.co.uk/e/the-future-of-the-virtual-past-zoom-webinar-tickets-348718114267

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Reference:

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