

Digital Heritage 2015
3D in knowledge production
Moesgaard Museum and Aarhus University, Denmark



AARHUS UNIVERSITY



MOESGAARD MUSEUM



Digital Humanities Lab Denmark

Program

Wednesday 20th of May

18.30-20.00 Wine reception: Kunsthall Aarhus
Address: J.M. Mørks Gade 13, 8000 Aarhus C
 Welcome by Vice-dean Marianne Ping Huang and Vice-dean Jan Ifversen (ARTS, Aarhus University)

Wine and tapas will be served in the front hall of Kunsthall Aarhus.
 The exhibitions will be open.
 Registration for the conference will be open from 18.30 to 19.30

Thursday 21st of May

Moesgaard Museum, The Auditory (4240-020)

8.30 Registration opens (Moesgaard Museum Foyer)

3D and multisensory engagement

Chair: Mads Kähler Holst

- 9.30 Welcome by professor MSO Mads Kähler Holst (Aarhus University and Moesgaard Museum)
- 9.40 Jette Gejl, Aarhus University: *3D and the body as a hyper-intelligent navigator*
- 10.00 Damian Murphy, Jude Brereton, Andrew Chadwick, Helena Daffern, Gavin Kearney, William Smith & Alex Southern, University of York: *3D Auralisation And Virtual Reality Technology in Digital Heritage*
- 10.20 Douglas Pritchard, Heriot-Watt University: *Challenging Surfaces: the use of customised terrestrial laser scan rigs to provide more comprehensive surface coverage*
- 10.40 *Coffee break*

- 11.00 Erik Champion, Curtin University: *Motion Control For Remote Archaeological Presentations*
- 11.20 Stuart Eve, University College London: *In-Situ 3D Olfactorisation or How to explore archaeological sites by following your nose.*
- 11.40 Tara Copplestone, University of York & Aarhus University: *Playful Pasts: Some Considerations Regarding 3D Representations and Knowledge Production of Digital-Heritage Through Video-Games*
- 12.00 Discussion
- 12.30 *Lunch break: Sandwiches are served in room 301/A*

Digital data management and issues of knowledge production I

Chair: Jens-Bjørn Riis Andresen

- 13.20 Isto Huvila, Uppsala University: *The subtle difference between knowledge and 3D knowledge*
- 13.40 Gareth Beale, University of York: *3D Documentation and Community Archaeology: Considering Ownership and the Formation of the Digital Object*
- 14.00 Matteo Pilati, Aarhus University: *3D data and information ecologies in archaeology: The impact of 3D models on archaeological practice*
- 14.20 *Coffee break*
- 14.20 Interactive session: 3D demonstrations and poster presentations by *Kaspar Lund (InnoPro Aps), Damian Murphy (University of York), Marta Bura (Warsaw University), Michael Neiss (Uppsala University), Helle Meldgaard and Jens Svalgaard Kohrt (DeIC), Bjørn Lovén (University of Copenhagen), Csilla E. Ariese-Vandemeulebroucke et al. (Leiden University), Alexandra Angletaki (University of Trondheim), Hugo Chautón (Proesza), representatives from CAVI, DiGHUMLAB, Moesgaard Museum, Den Gamle By and many more.*

Digital data management and issues of knowledge production II

Chair: Jens-Bjørn Riis Andresen

- 15.40 Frank Lynam, Trinity College Dublin: *The State of Virtual Heritage in Ireland*
- 16.00 Fabrizio Galeazzi, Marco Callieri, Matteo Dellepiane, Michael Charno, Julian D. Richards & Roberto Scopigno, University of York & ISTI-CNR Pisa: *From research archives to web-based visualization: the ADS 3D viewer*
- 16.20 Peter Jensen, Aarhus University: *Archaeological 3D documentation as a new conceptual layer of objectivism - the role of interpretation and reflection in modern archaeology*
- 16.40-17.00 Round up and discussion

18.30-23.30 *Conference dinner at Restaurant Skovmøllen
Address: Skovmøllevej 51, 8270 Højbjerg*

Friday 22nd of May

Moesgaard Museum, The Auditory (4240-020)

3D in virtual heritage and data acquisition

Chair: Andres Dobat

- 9.00 Pedro Santos & Constanze Fuhrmann, Fraunhofer IGD: *CultLab3D – digitization for cost-effective and fast scanning, documentation and archiving of heritage artifacts.*
- 9.20 James Graham, University of Lethbridge: *Ruthwell Kirk and Cross 3D.0: Building the Platform for a Digital Humanities-based 3D Social Network*
- 9.40 Martina Polig, Lund University: *The well in the Holy Cross Church in Dalby – an investigation of its position and function through 3D technology*
- 10.00 Karin Göbel, Landesmuseen Schloss Gottorf: *New insights from the historical events in Nydam by 3D visualisation*
- 10.20 *Coffee break*

3D and the built environment

Chair: Andres Dobat

- 10.50 Trine Skovbo, Kulturstyrelsen: *3D Laser Scanning of Hammershus prior to the restoration work*
- 11.10 Kim Elif Pedersen, Naturstyrelsen: *Aesthetically acceptable statically preservation of ruin parts, using composites*
- 11.30 Andrea A. Gasparini & Federico Aurora, University of Oslo: *Reconstructing the ancient site of Tebtunis: dislocated knowledge production*
- 11.50 Sorin Hermon, Lola Vico & Franco Niccolucci, Cyprus: *Reasoning in 3D - Formal knowledge representation for the 3D virtual reconstruction of the Santa Cristina (Sardegan, Italy) sanctuary site*
- 12.10-12.30 Round up and final discussion
- 12.30 *Lunch: Sandwiches are served in room 301/A*
- 13.30 *End of the day's program*

The conference is kindly supported by:



and

Moesgaard Museum, Kvindemuseet, Musikhuset Aarhus and Aros

