



RADIO-PAST
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PROGRAM Third Specialization Forum

3D VISUALISATION FOR THE STUDY AND MANAGEMENT OF COMPLEX ARCHAEOLOGICAL SITES

Carnuntum (Kulturfabrik Hainburg - Austria) 2nd - 7th July 2012

OFFICIAL PARTNERS



Ludwig Boltzmann Institut
Archäologische Prospektion und Virtuelle Archäologie

VIAS



universität
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WIEN MUSEUM

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OFFICIAL PARTNERS Third Specialization Forum

Archaeological Park Carnuntum
Government of the State of Lower Austria , Departement of Cultural Affairs
Ghent University – Doctoral school Arts, Humanities and Law
Ludwig Boltzmann Institute for Archaeological Prospection and Virtual Archaeology
Museen der Stadt Wien – Urban Archaeology
VIAS – Vienna Institute for Archaeological Science (Universität Wien)
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PROJECT PARTNERS Radio-Past

Universidade de Évora
Ghent University
Univerza v Ljubljani
7reasons Austria
British School at Rome
Past2Present
Eastern Atlas

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PROGRAM

Sunday - July 1st

from 17:00 ARRIVAL OF PARTICIPANTS & REGISTRATION
20:30 DINNER

Monday - July 2nd

9:00 - 9:30	9:30 - 11:15	11:15 - 11:30	11:30 - 12:45	13:00 - 14:30	14:30 - 16:00	16:00 - 16:30	16:30 - 18:00	20:00
Welcome & Introduction [Lecture Room] CORSI VERMEULEN HUMER WACHTER	3D visualisation of survey and excava- tion data [Lecture Room] DONEUS	Coffee break	Carnuntum - Reborn City of Emperors [Lecture Room] HUMER	Lunch	Architectural reconstructions based on comparative sites [Seminar Room] ZÁMOLYI Spatial analysis in 3D environments [Lecture Room] PALIOU	Pause	Presentation & interpretation of archaeological sites [Lecture Room] LOPEZ-MENCHERO 3D scanners and hard- & software solutions for archaeological docu- mentation [Seminar Room] SCHAICH	Dinner

 Seminars



PROGRAM

Tuesday - July 3rd

9:00 - 10:15	10:15 - 11:30	11:30 - 11:45	11:45 - 13:00	13:00 - 14:30	14:30 - 16:00	16:00 - 16:30	16:30 - 18:00	20:00
3D Reconstructions and Visualisations of Archaeological Sites: Cognitive and Experiential Approaches [Lecture Room] DENARD	Digital Heritage: The 21st century challenges and risks [Lecture Room] IOANNIDES	Coffee break	International Principles of Virtual Archaeology (Charter of Seville) [Lecture Room] LOPEZ-MENCHERO	Lunch	Best practice in planning, documenting and project managing [Lecture Room] DENARD 3D scanners and hard- & software solutions for archaeological documentation [Seminar Room] SCHAICH	Pause	From site to museum [Seminar Room II] LOPEZ-MENCHERO Software and hardware for archaeological reconstructions [Seminar Room] KLEIN	Dinner

PROGRAM

Wednesday - July 4rd

9:00 - 11:30	11:30 - 11:45	11:45 - 13:00	13:00 - 14:30	14:30 - 16:00	16:00 - 16:30	16:30 - 18:00	20:00
Carnuntum site visit [Petronell-Carnuntum] HUMER	Coffee break	Modeling Carnuntum [Lecture Room] KLEIN FLAKUS	Lunch	3D scanning of museum object [DEPOT] STUMMER Real time visualization of cultural heritage [Lecture Room] FLAKUS Best practice in planning, documenting and project managing [Seminar Room] DENARD	Pause	Modeling, rendering and textures in visualization [Seminar Room] KLEIN Management of 3D projects for cultural heritage [Seminar Room II] WEINLINGER From site to museum [Lecture Room] KRONBERGER	Dinner

PROGRAM

Thursday - July 5th

9:00 - 11:30	11:30 - 11:45	11:45 - 13:00	13:00 - 14:30	14:30 - 16:00	16:00 - 16:30	16:30 - 18:00	20:00
<p>Research, communication, access and preservation strategies for virtual cultural heritage: the London Charter and beyond [Lecture Room] DENARD PLETINCKX LOPEZ-MENCHERO</p>	<p>Coffee break</p>	<p>Experiences in reconstructing prehistoric and Roman landscapes [Lecture Room] EARL</p>	<p>Lunch</p>	<p>Virtual Worlds technologies [Lecture Room] DENARD</p> <p>Best practice in documenting, presenting and preserving [Seminar Room] PLETINCKX</p> <p>Modeling, rendering and textures in visualization [Seminar Room II] KLEIN</p>	<p>Pause</p>	<p>Publication and presentation of reconstructions [Lecture Room] WACHTER</p> <p>Reconstructing prehistoric and Roman landscapes [Seminar Room] EARL</p> <p>From site to museum [Seminar Room II] KRONBERGER</p>	<p>Dinner</p>

PROGRAM

Friday - July 6th

9:00 - 10:15	10:15 - 11:30	11:30 - 11:45	11:45 - 13:00	13:00 - 14:30	14:30 - 16:00	16:00 - 16:30	16:30 - 18:00	20:00
<p>European collaboration in presenting the archaeological heritage [Lecture Room] PLETINCKX</p>	<p>Virtual reconstruction and the interpretative process [Lecture Room] EARL</p>	<p>Coffee break</p>	<p>Archiving the Virtual Archeology: Who is doing that and how? [Lecture Room] IOANNIDES</p>	<p>Lunch</p>	<p>Spatial analysis in 3D environments [Lecture Room] PALIOU</p> <p>Implementation of motion capture data [Seminar Room] KLEIN</p> <p>Discussion forum [Lecture Room] VERMEULEN CORSI</p>	<p>Pause</p>	<p>TEST [Seminar Room]</p>	<p>Dinner</p>



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PROGRAM

Saturday - July 7st

09:00 - 12:00 VIENNA ARCHAEOLOGICAL MUSEUM VISIT - „RÖMERMUSEUM“
WALK THROUGH THE VINDOBONA LEGIONARY FORTRESS

FISCHER-AUSSERER, KRONBERGER, MOSSER

12:30 - 14:00 LUNCH AND CERTIFICATE CEREMONY
IN VIENNA

CONTACT

CORNELIA FISCHER
Organisation

Phone: +43 2278 28204

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SEMINARS

- 3D scanners and hard- & software solutions for archaeological documentation (part 1 Combined 3D-scanning & software technologies for archaeological documentation. Remarks from the point of view of a professional service provider, part 2 aSPECT 3D. A low cost, data base supported 3D documentation and information system for Cultural Heritage (Martin Schaich, ArcTron 3D GmbH)
- 3D scanning of museum objects (Boris Stummer & Gerhard Pfahler, Government of the State of Lower Austria, Department of Hydrology and Geoinformation)
- Architectural reconstructions based on comparative sites (Ferenc Zámolyi, 7reasons)
- Presentation & interpretation of archaeological sites (Victor Manuel Lopez-Menchero, Spanish Society of Virtual Archaeology)
- Best practice in planning, documenting and project managing (Hugh Denard, Kings College London)
- From site to museum (Victor Manuel Lopez-Menchero, Spanish Society of Virtual Archaeology)
- Spatial analysis in 3D environments (Eleftheria Paliou, University of Évora)
- Software and hardware for archaeological reconstructions (Michael Klein, 7reasons)
- Real time visualization of cultural heritage (Felix Flakus, 7reasons)
- From site to museum (Michaela Kronberger, Wien Museum)
- Modeling, rendering and textures in visualization (Michael Klein, 7reasons)
- Management of 3D projects for cultural heritage (Guenther Weinlinger, 7reasons)
- Virtual Worlds technologies (Hugh Denard, Kings College London)
- Best practice in documenting, presenting and preserving (Daniel Pletinckx, Visual Dimension)
- Publication and presentation of reconstructions (Markus Wachter, CEO Archaeological Park Carnuntum)
- Reconstructing prehistoric and Roman landscapes (Graham Earl, University of Southampton)
- Implementation of motion capture data (Michael Klein, 7reasons)
- Archiving the Virtual Archeology: Who is doing that and how (Marinos Ioannides, Cyprus University of Technology)
- Discussion forum (Frank Vermeulen, Ghent University/ Cristina Corsi, University of Évora)