

Reflections Upon the Digital Reproduction of Archaeological Objects

Christos Merantzias (University of Patras)

[33] 18.30 – 18.50 The museums in a new, promising, participatory world

Nikoletta Palaiologou (5TH Ephorate of Prehistoric and Classical Antiquities and Technological Institution of Western Greece)

[34] 18.50 – 19.10 Public virtual presentation of archaeological materials: the notes from Russia

Daria Hookk (The State Hermitage Museum, Saint-Petersburg)

20.00 Dinner at “*Iniohos*”

SATURDAY, 28 SEPT. 2013

MORNING SESSION & CLOSING

Session 5

Chair: T.Sideris (Foundation of the Hellenic World)

[35] 08.30 – 08.50 About quality and properties of digital and virtual artefacts

Călin Neamțu, Daniela Popescu, Răzvan Mateescu, Liliana Suciut, Dan Hurgoiu (Technical University of Cluj-Napoca and Babes-Bolyai University)

[36] 08.50 – 09.10 The Great Solovetsky islands arise from the sea.

Marco Francesco Bulloni (Independent Researcher)

[37] 09.10 – 09.30 Developing thesauri of historical period names from Web acquired data

Maria S. Mouroutsou, Stella Marakantonatou, Vasilis Papavasiliou (National and Kapodistrian and ATHENA Research Center)

[38] 09.30 – 09.50 Engineering CAD tools in digital archaeology

Zsolt Buna, Daniela Popescu, Radu Comes, Ionuț Badiu, Răzvan Mateescu (Technical University of Cluj-Napoca)

[39] 09.50 – 10.10 Recent advances in archaeological predictive modeling: contribution to Cultural Resource Management and archaeological research

Aikaterini Balla, Gerasimos Pavlogeorgatos, Despoina Tsiafakis, George Pavlidis (31st Ephorate of Prehistoric and Classical Antiquities and Dept. of Cultural Technology and Communication)

[40] 10.10-10.30 Apollo's Absence to Hyperboreans and the time of Consulting the Oracle

Ioannis Liritzis and Belen Castro (University of the Aegean)

10.30-11.10 CLOSING REMARKS

Chair: Forte.M, Liritzis, I, Pavlidis, G, Vosinakis, S, & Levy, T.E

(brief outline of the event, conference proceedings at Mediterranean Archaeology & Archaeometry, www.maajournal.com, next venue)

12.30-13.30 Light lunch at “*To Patriko mas*”

DEPARTURES

(Bus to airport departs at 2.30 pm. Collection point entrance to Delphi from Athens)

International Workshop on VIRTUAL ARCHAEOLOGY Museums & Cultural Tourism

Organized by:

University of the Aegean, Dept. of Mediterranean studies, Lab. of Archaeometry (GR)

in collaboration with:

University of the Aegean, Dept. of Product and Systems Design Engineering (GR)

'Athena' - Research and Innovation Center (GR)

Duke University, Dept. of Classical Studies (US)

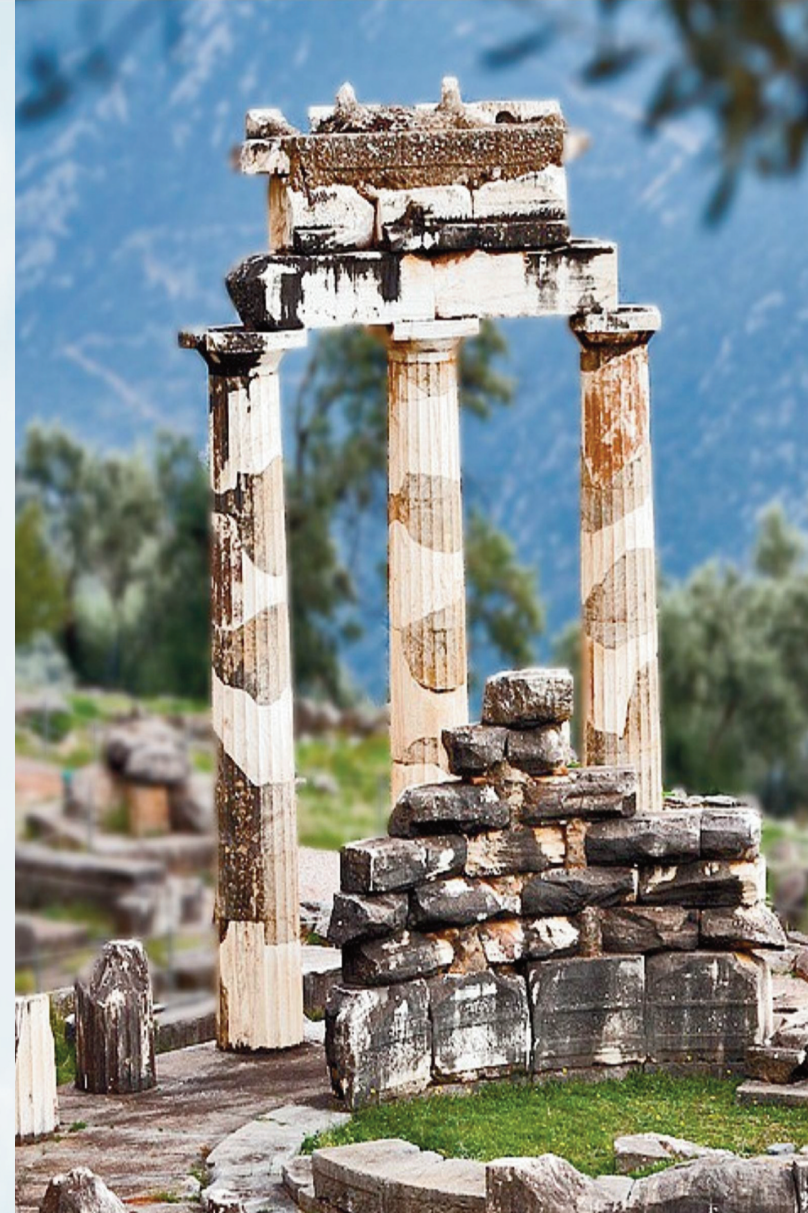
Under the Auspices of the Hellenic Ministry of Culture and Sports

25-28 September, 2013

Delphi, Greece

Information and submission: <http://vamct13.syros.aegean.gr/>

email: vamct2013@aegean.gr



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VAMCT²⁰¹³



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WEDNESDAY, 25 SEPT. 2013

Arrivals at Delphi

19.00 Welcome Cocktail at “Iniohos” Restaurant.

THURSDAY, 26 SEPT. 2013

MORNING SESSION

Session 1

Chair: I. Liritzis (Univ of the Aegean, Coordinator of VAMCT)

[1] 8.30-09.10 A vision of adaptive cultural experiences through the use of interactive storytelling in museums (invited)

Maria Roussou (Makebelieve design and consulting & University of Athens)

[2] 9.10- 9.50 *Depict, envision, experience. Visual narratives for virtual heritage* (invited)

Luis A. Hernández Ibáñez (Universidade da Coruña)

[3] 9.50 - 10.10 3D Virtual Reconstruction of Archaeological Monuments

Andreas Georgopoulos (National Technical University of Athens)

[4] 10.10 - 10.30 Educational enhancing of virtual exhibitions. An interactive and profile sensible system for visitor-centered museology.

Rica Simona Antin, Orestis Dimou, Gabor Bella, Ioannis Kanellos

[5] 10.30 – 10.50 Virtual Approaches in the conduct of Museum Visitors within Museum Exhibition and cultural sites
Barth Chukwuezi (National Commission for Museums and Monuments, Nigeria)

[6] 10.50-11.10 Museums and social media: Modern methods of reaching a wider audience

Panteleimon Marakos (Open University of Greece)

[7] 11.10 – 11.30 The educational role of ICT in Greek museums’ activities. Initial results from a research study.

Sofia Koutsianou, Maria Economou (University of the Aegean)

11.30-12.00 Coffee Break

Session 2

Chair: M.Forte (Duke Univ)

[8] 12.00 - 12.20 Re-imagining the city through heritage trails in contemporary Thessaloniki: designing an interactive tool for cultural tourism and cultural education.

Eleni Stefanou, Ioanna Antoniadou (University of the Aegean)

[9] 12.20 - 12.40 Cultural Heritage Representation in Virtual Worlds: Towards Rich Interactive, Adaptive and Social Experiences

Spyros Vosinakis (University of the Aegean)

[10] 12.40 - 13.00 Augmented Reality for Archaeological Environments on mobile devices: a novel open framework
Ioannis Deliyannis, Georgios Papaioannou (Ionian University)

[11] 13.00 - 13.20 Interactive Walks in the Statue Park of Kerepesi Cemetery

Tamás Matuszka, Attila Kiss (Eötvös Loránd University, Budapest)

[12] 13.20 - 13.40 Digitized and optimized artefacts and the management of interactive 3D content on mobile devices

Radu Comes, Călin Neamțu, Zsolt Buna, Ionuț Badiu, Paul

Pupeză (Technical University of Cluj-Napoca)

[13] 13.40 - 14.00 3D representations in real time and place: the E-chronomichani (E-time machine) and its implementation for enhancing historical and archaeological sites.

Giannis Ladas, Aphrodite Kamara (Time Heritage Ltd)

14.15 - 15.15 Lunch at “To patriko mas”

EVENING SESSION

Special Session – part 1

Chair: T.E. Levy (Qualcomm Institute, UC San Diego)

[14] 15.30 – 15.50 Transdisciplinary Research and Cyber-Archaeology Today: Toward the Museum of the Future
Thomas E. Levy (University of California, San Diego)

[15] 15.50 – 16.10 ArchField: A digital application for real-time acquisition and dissemination—from the field to the virtual museum

Neil Smith, Thomas Levy (King Abdullah University of Science and Technology, Saudi Arabia and University of California, San Diego)

[16] 16.10 – 16.30 OpenDig: Contextualizing the Past from the Field to the Web

Matthew L. Vincent, Falko Kuester, Thomas E. Levy (University of California, San Diego)

[17] 16.30 – 16.50 ArchaeoSTOR: Archaeological Data Processing and Storage for the Archaeological Frontier

Aaron Gidding, Thomas E. Levy, Thomas A. DeFanti (University of California, San Diego)

[18] 16.50 – 17.10 Low-altitude Aerial Photography and Structure from Motion: Documenting the Past for Preservation and Presentation

Matthew Howland, Falko Kuester, Thomas E. Levy (Qualcomm Institute, UC San Diego)

17.10-17.40 Coffee Break

Special Session – part 2

Chair: T.E. Levy (Qualcomm Institute, UC San Diego)

[19] 17.40 – 18.00 Finding Meaning in the Data Avalanche: the Ethical Dangers and Community Value of Digitizing the Past

Ashley M. Richter, Vid Petrovic, David J. Vanoni, James M. Darling, Joe DeBlasio, John Mangan, Aliya Hoff, Thomas E. Levy, Falko Kuester (University of California, San Diego)

[20] 18.00 – 18.20 Efficient Integrated Technology Strategies for Collecting, Combining & Visualizing High Resolution Three-Dimensional Data Scaffolds and Two-Dimensional Data of Cultural Heritage Sites

Vid Petrovic, David J. Vanoni, Ashley M. Richter, Thomas E. Levy, Falko Kuester, Falko Kuester (University of California, San Diego)

[21] 18.20 – 18.40 Space & Object Recognition: Bringing the Site to the Museum and the Museum to the Site

David J. Vanoni, Vid Petrovic, Ashley M. Richter, James M. Darling, Thomas E. Levy, Falko Kuester (University of California, San Diego)

[22] 18.40 – 19.00 Skeletons as Storytellers: Piecing together the past, from the field to the museum

Aliya R. Hoff, Ashley M. Richter, David Vanoni, Vid Petrovic, John Mangan, James Darling, Thomas E. Levy, Falko Kuester (University of California, San Diego)

[23] 19.00 – 19.20 Visualizing 3D Archaeological Data using CalVR – Implications for Museums and Cultural Heritage
Jurgen Schulze, Andrew Prudhomme, Philip Weber (Qualcomm Institute, UC San Diego)

[24] 19.20 – 19.40 The Mediterranean Archaeological Network – A Cyberinfrastructure for Archaeological Heritage Management

Stephen H. Savage, Thomas E. Levy (Arizona State University and University of California, San Diego)

20.00 Dinner at “To patriko mas”

FRIDAY, 27 SEPT. 2013

8.30-13.00 Museum Guiding Tour & site visit (town-train vehicle will collect you from your hotels at 8.10 am)

13.00-14.30 Lunch at “Iniohos”

EVENING SESSION-3

Chair: S.Vosinakis (Univ of the Aegean)

[25] 15.00 – 15.40 From Virtual Archaeology to Cyber-Archaeology: Avatarizing the Past (invited)

Maurizio Forte (Duke University)

[26] 15.40 – 16.00 Delphi in the Digital Age: Immersive Technologies to Explore Greece’s Omphalos

Arne Flaten, Susan Bergeron (Coastal Carolina University)

[27] 16.00 – 16.20 The Temple of Zeus at Olympia - Visualizing the Sculptural Decoration and the History of a Classical Monument

András Patay-Horváth (University Eötvös Loránd)

[28] 16.20 – 16.40 The Scale That Matters: VR Applications as a Cultural Product for Small Greek Museums and the Louvre

Athanasios Sideris (Foundation of the Hellenic World)

[29] 16.40 – 17.00 Comparison between analog and digital ways of representations of ancient monuments. Is “Virtual Archaeology” really something new?

Yannis Kourtzellis, Evangelia Sampanikou (the Hellenic Ministry of Culture and Sports and University of the Aegean)

17.00 – 17.30 Coffee Break

Session 4

Chair: G.Pavlidis (Res. Center ‘Athena’)

[30] 17.30 – 17.50 The museums’ experience as a touristic added value—Navarino Natura Hall by Hellenic Postbank in Costa Navarino

Anastasia Glaraki (Touristic Enterprises of Messinia,/Costa Navarino)

[31] 17.50 – 18.10 Creating new links among places through Virtual Cultural Heritage applications and their multiple re-use

Maria Chiara Liguori, Antonella Guidazzoli, Mauro Felicori, Sofia Pescarin (CINECA and Bologna City Council)

[32] 18.10 – 18.30 From Real to Digital-mediated Objects: