

VAMCT²⁰¹⁵



2nd International Symposium on
VIRTUAL ARCHAEOLOGY - Museums & Cultural Tourism
23-26 September 2015
Delphi, Greece

A Collaboration of
University of the Aegean, Greece
Coastal Carolina University, USA
Athena Research Center, Greece

2nd International Workshop on *Virtual Archaeology Museums and Cultural Tourism - VAMCT2015*

THE PROGRAMME SESSIONS

GENERAL INFO

Symposium Venue: European Cultural Center of Delphi, Dionysos Lecture Room

Hotels: NIDIMOS, STADION, INIOHOS

Transport: Athens airport-Delphi 23rd Sept 5:00 pm¹. Delphi local transport walking distance.
Delphi-Athens airport 26th Sept 2:30 pm.

Info: I. Liritzis (+30 693 2275757), G. Pavlidis (+30 697 8845237), S. Vosinakis (+30 694 4711279), European Cultural Centre of Delphi (+30 22650 82731)

BRIEF PROGRAMME PRESENTATION

WEDNESDAY 23 SEPT. 2015

Arrivals at Delphi

Welcome Cocktail at "INIOHOS" Restaurant

THURSDAY 24 SEPT. 2015

Session 1 – Keynote speeches on VAMCT

Session 2 – Digitization of cultural heritage

Session 3 – Special Session "Culture-Technology-Education"

Session 4 – Advanced techniques in VAMCT

FRIDAY 25 SEPT. 2015

Museum guided tour & site visit

Session 5 – Virtual archaeology, museums and the new narratives

Session 6 – Virtual archaeology, museums and the new narratives

SATURDAY 26 SEPT. 2015

Session 7 – Science and Art in VAMCT

Session 8 – Closure-Round table

Departures

¹ All times in "Greece time" or "summer time EET" or "GMT+3" (summer time)



WEDNESDAY 23 SEPT. 2015

Arrivals at Delphi

20:00 – 22:00 Welcome Cocktail at “INIOHOS” Restaurant

THURSDAY 24 SEPT. 2015

Session 1 – Keynote speeches on VAMCT

Chair: Ioannis Liritzis & Spyros Vosinakis (University of the Aegean, Greece)

- [1] 09:00 – 09:30 **Opening talks-Introductory talk:** Ioannis Liritzis “Digital Technologies & Trends in Cultural Heritage”, Mayor of Delphi
- [2] 09:30 – 10:00 **Keynote speech:** “Aligning Values? Heritage, Culture and Tourism in the Post-Digital Era”, Harold Thwaites
- [3] 10:00 – 10:30 **Keynote speech:** “Ludic Challenges For New Heritage and Cultural Tourism”, Eric Champion
- [4] 10:30 – 11:00 **Keynote speech:** “3D digitization of world heritage: Digitizing UNESCO heritage (the case of 3DICONs)”, Anestis Koutsoudis
- [5] 11:00 – 11:30 **Keynote speech:** “Experiences and knowledge acquired from building the Byblos Roman theatre”, Daniel Asmar

11:30 – 12:00 Coffee Break

Session 2 – Digitization of cultural heritage

Chair: Anestis Koutsoudis (Athena Research Centre, Greece)

- [6] 12:00 – 12:15 **“Block by Block by Digital Block: Reconstructing Delphi’s Treasures”**, Arne Flaten
- [7] 12:15 – 12:30 **“Retracing the Sacred Way: developing an immersive virtual exploration platform for ancient Delphi, Greece”**, Susan Bergeron, Arne Flaten



- [8] 12:30 – 12:45 **“Investigation of archaeological findings of the Acropolis Museum based on laser scanning, X-ray tomography and neutron tomography”**, Kyriakos Efstathiou
- [9] 12:45 – 13:00 **“Photogrammetry: From Field Recording to Museum Presentation (Timiryazev burial site, Western Siberia)”**, Olga Zaitseva, Mikhail Vavulin, Evgeny Vodyasov, Andrei Pushkarev

14:00 – 15:00 Lunch at “DION” Restaurant

Session 3a – Special Session “Culture-Technology-Education”

Chair: George Pavlidis (Athena Research Centre, Greece)

- [10] 15:30 – 16:00 **Keynote speech:** "Art and technology in the shaping the New Human", Fotis Papathanasiou
- [11] 16:00 – 16:30 **Keynote speech:** "Cultural Objects for the Digital School: The case of the Greek National OER Aggregator", Cleo Sgouropoulou
- [12] 16:30 – 16:45 **“Metadata for Learning Objects containing cultural object”**, Stella Markantonatou, Panagiotis Minos, Katerina Tzortzi, George Pavlidis
- [13] 16:45 – 17:00 **“Investigating the potential for meaningful cultural education supported by cutting-edge technologies”**, Hercules Panoutsopou, Vasilis Economou, Yannis Kotsanis

17:00 – 17:15 Coffee Break

Session 3b – Special Session “Culture-Technology-Education”

Chair: Stella Markantonatou (Athena Research Centre, Greece)

- [14] 17:15 – 17:30 **“Rethink and revisit Renaissance religious art – A virtual educational approach to museum collections“**, Maria Athanasekou
- [15] 17:30 – 17:45 **“The ‘Synthesis’ Virtual Museum – an open virtual exhibition creation tool”**, Chairi Kiourt, Anestis Koutsoudis, Fotis Arnaoutoglou, Georgia Petsa, Stella Markantonatou, George Pavlidis
- [16] 17:45 – 18:00 **“Towards a playful education”**, George Pavlidis
- [17] 18:00 – 18:15 **“GameIt and a new paradigm on gaming in education”**, George Pavlidis, Stella Markantonatou



18:15 – 18:30 Coffee Break

Session 4 – Advanced techniques in VAMCT

Chair: Daniel Asmar (American University of Beirut, Lebanon)

- [18] 18:30 – 18:45 **“The Loupe: An Educational AR application for Learning to Look at Ancient Greek Art”**, Areti Damala, Merel van der Vaart, Eva Hornecker
- [19] 18:45 – 19:00 **“Object- Panorama using SIFT/SURF descriptors and Tamura texture features”**, Georgios- Alexis Ioannakis, Anestis Koutsoudis, Nikolaos Papamarkos, Christodoulos Chamzas
- [20] 19:00 – 19:15 **“A computer platform to analyse the shape of museum objects in 3D”**, Diego Jiménez-Badillo, Salvador Ruíz-Correa, Edgar Roman-Rangel, Rogelio Hasimoto-Bel, Mario Canul Ku, Omar Mendoza-Montoya
- [21] 19:15 – 19:30 **“Hyperheritage: New Forms of Human Cultural-Information Communication”**, Khaldoun Zreik

20:00 Dinner at “DION” Restaurant

FRIDAY 25 SEPT. 2015

8:30 – 13:00 Museum guided tour & site visit

(8:30 am at Sanctuary entrance. Guided tour to the Sanctuary and then to the Museum)

13:30 – 14:30 Lunch at “INIOHOS” Restaurant

Session 5 – Virtual archaeology, museums and the new narratives

Chair: Arne Flaten (Ball State University, USA)

- [22] 16:00 – 16:15 **“Visitor Experience in Google Art Project and in Second Life-based Virtual Museums: A Comparative Study”**, Spyros Vosinakis, Yannis Tsakonas
- [23] 16:15 – 16:30 **“Enhanced navigation and natural interaction for virtual heritage using a 3D game engine”**, Luis Hernandez Ibañez
- [24] 16:30 – 16:45 **“Cultural and Educational Mediation meets multimedia-based adaptive storytelling. A profile-sensitive system for personalized presentations”**, Rica Antin,



Ioannis Kanellos, Antoine Houssais, Alan Transon, Jean-Louis De Bougrenet De La Tocnaye, Damien Grenier, Jean-Baptiste Curt

- [25] 16:45 – 17:00 **“Implementing QR code in museums and archaeological sites”**, Panteleimon Marakos

17:00 – 17:30 Coffee Break

Session 6 – Virtual archaeology, museums and the new narratives

Chair: Suzan Bergeron (Coastal Carolina University, USA)

- [26] 17:30 – 17:45 **“Virtual Agora: Representation of an Ancient Greek Agora in Virtual Worlds using Biologically-inspired Motivational Agents”**, Spyros Vosinakis, Nikos Avradinis
- [27] 17:45 – 18:00 **“The 'Virtual Museum': Digitizing the Cultural Heritage of the Sculpture Collection Housed in the "Theodoros Papayiannis" Museum of Contemporary Art, Elliniko Ioanninon (Municipality of Northern Tzoumerka)”**, Christos Merantzas, Nikos Zinas
- [28] 18:00 – 18:15 **“Human Animatronics in Museum Experience: Casa Parlante - The Living Museum, Corfu, Greece”**, Georgios Papaioannou, Sofia Paschou
- [29] 18:15 – 18:30 **“Developing Emotions: Perceptions of Emotional Responses in Museum Visitors”**, Kirsten Bedigan
- [30] 18:30 – 18:45 **“Architectural Heritage Communication: Using Social Networking Tools to Promote Modern and Contemporary Monuments”**, Maria Leni
- [31] 18:45 – 19:00 **“Interaction Design for Archaeological Content: from Edutainment to Serious Games”**, Ioannis Deliyannis, Georgios Papaioannou

20:00 Dinner at “INIOHOS” Restaurant

SATURDAY 26 SEPT. 2015

Session 7 – Science and Art in VAMCT

Chair: Ioannis Liritzis (University of the Aegean, Greece)



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- [32] 09:00 – 09:15 “**Pikrolimni Lake as a natron source in Glassmaking Technology**”,
Elissavet Dotsika, Despina Ignatiadou
- [33] 09:15 – 09:30 “**Stable isotopes as part of restoration research for historical monuments
and buildings**”, Paraskevi Chantzi, Elissavet Dotsika
- [34] 09:30 – 09:45 “**Street Art: The alchemy of turning city walls to museum paintings**”,
Angelos Theocharis
- [35] 09:45 – 10:00 “**Photogrammetric Automation: Is it worth?**”, Andreas Georgopoulos

Session 8 – CONCLUDING REMARKS – 10:00 – 11:00

***Round Table Chair: Ioannis Kanellos, Harold Thwaites, Eric Champion, Luis Hernandez Ibañez
& co-organisers: Ioannis Liritzis, George Pavlidis, Spyros Vosinakis, Arne Flaten, Suzan
Bergeron, Anestis Koutsoudis***

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

12:30 – 13:30 Light lunch at “DION” restaurant

DEPARTURES

***(Bus to airport departs at 14.30. Collection point entrance to Delphi from Athens near Bus
Station)***