

SCHEDULE I Tuesday, 2 November 2021

Location: **WAPPENSAAL**

09:00-09:30	Opening N.N.
09:30-10:00	Keynote 1 Would Digital Technologies allow the Conservation of the Outstanding Universal Value (OUV) of World Heritage Properties in a post-pandemic time Mario SANTANA QUINTERO, CAN
10:00-10:20	<i>COFFEE BREAK</i>
World Heritage Management and New Technologies Chairs: Ulrike HERBIG, AUT Bernd PAULOWITZ, GER	
10:20-10:40	Venice of the North? Ten Years of World Heritage in the Amsterdam Canal District: An Exploration of Effects Jaap Evert ABRAHAMSE Erik SCHMITZ, NED
10:40-11:00	A sustainable future for world heritage? The need for more integrated approaches in heritage management Rowin VAN LANEN Menne KOSIAN Roy VAN BEEK, NED
11:00-11:20	Structured light scanning as a monitoring method to investigate dimensional changes due to climatic changes on cultural heritage Kristina HOLL Leander PALLAS Paul BELLENDORF, GER
11:20-11:40	A combination of 3D data to reconstruct the archaeological features: 3D models of the burials of the necropolis of Piovego (PD, Italy) Francesca ADESSO Emanuela FARESIN Giuseppe SALEMI, ITA
11:40-12:00	The submerged archaeological sites of the Mosul Dam Reservoir Evaluating emergence patterns with a new cost-efficient tool Paola Sconzo Francesca SIMI Andrea TITOLO, GER
12:00-12:20	Virtual reconstruction and 3D modeling for the auralization of acoustic Heritage: the case study of the Teatro del Maggio in Florence Stefano BERTOCCI Federico CIOLI Andrea LUMINI, ITA
12:20-12:40	ISTER – Roman Roads and Roman Heritage in the Danube Region Manfred SCHRENK, AUT
12:40-14:00	<i>LUNCH BREAK</i>
14:00-14:20	Challenges and opportunities for virtual archaeological data steward-ship Holly WRIGHT Karie GREEN, UK
14:20-14:40	Architectural Design Solutions in the Historical Residential Context Adjacent to the Cultural Landscape of Bamiyan Buddha Statues Tayebah NAZARIAN Asadullah MOVAHEDI, AFG
14:40-15:00	Participatory Monitoring in Cultural Heritage Conservation Case Study: The Landscape Zone of the Bisotun World Heritage Site Ahmad NASROLAHI Cristina GENA Vito MESSINA Samet EJAREI, ITA
15:00-15:20	<i>COFFEE BREAK</i>
15:20-16:00	Sponsored Keynote Virtual Tourism: From Version 1.0 to 2.0 Bernhard FRISCHER, Founder and President, Flyover Zone, USA
Computational methods for exploring visual aspects of cultural heritage sites Chairs: Irmela HERZOG Eleftheria PALIOU, GER	
16:00-16:20	Views on ancient lighting: Modelling lighting devices and their effects in architecture Lars Oliver GROBE, SUI Andreas NOBACK Ruth BIELFELDT Vera HENKELMANN Franziska LANG, GER
16:20-16:40	Visibility in Ancient Agrarian Cities: A Past-Present Comparative Analysis at the UNESCO World Heritage Site of Copan Heather RICHARDS-RISETTO, USA
16:40-17:00	Assessing Spectator Positions. A Case Study from Cochasquí, Ecuador Irmela HERZOG, GER Alden YÉPEZ, ECU
17:00-17:20	On common ground: what do Cultural Heritage Management, Landscape Archaeology and Archaeoastronomy have in common? Gail HIGGINBOTTOM, Spain Vincent MOM, NED
17:20-17:40	adows analysis and viewshed georeferencing for dating of historical photographs. New possibilities for chronology studies of lost built heritage Antonio SUAZO, CHI
17:40-18:00	Discussion

Location: **TOP 319**

09:00-09:30	X
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10:00-10:20	<i>COFFEE BREAK</i>
Cultural Heritage and the Semantic Web: Capture of Rich Semantic Data Chairs: Piotr KUROCZYŃSKI, GER Stephen STEAD, UK	
10:20-10:40	Metadata scheme for 3D models How to capture the source-based 3D reconstruction of Cultural Heritage? Igor BAJENA Piotr KUROCZYŃSKI, GER
10:40-11:00	Standard Dehio – On the Way from a Printed Handbook to a Knowledge Infrastructure on Art and Architectural Object Slawomir BRZEZICKI, GER
11:00-11:20	Documenting and disseminating a Florentine church in 3D: Critical Reflections on a Case Study Donal COOPER Fabrizio NEVOLA, UK
11:20-11:40	Semantic topologies for complex medieval buildings and their annotation Leonhard SALZER Tobias ARERA-RÜTENIK Alexander STENZER, GER
11:40-12:00	Photogrammetric 3D digitisation of models from an architectural collection Andreas NOBACK, GER
12:00-12:20	Discussion
12:20-14:00	<i>LUNCH BREAK</i>
Cultural Heritage and the Semantic Web: Exploitation of Rich Semantic Data Chair: Lorenzo CECCON, ITA	
14:00-14:20	Digital Patrology: a theory and critical Database approach in Digital Libraries for converting historical scripts into texts and sources of modern perception Nikolaos MYRIDIS, GRE
14:20-14:40	e-Pedalion: The transformation of a Christian cultural heritage text into a textual database of Orthodox Canon Law Dimitra SARAKATSIANOOU Georgia KOLONIARI, GRE
14:40-15:00	FederationExpert System & Thesaurus of Concepts and Terms «Byzantine Law and Acts» Yury VIN Dmitry Kondratiev KONDRATIEV, RUSS
15:00-15:20	<i>COFFEE BREAK</i>
15:20-16:00	X
Seeing in the dark - reconnaissance and evaluation technologies for world heritage sites and major Chairs: Jay CARVER, UK Ann DEGRAEVE, BEL	
16:00-16:20	Illuminating the darkness: Using geochemical survey in archaeological reconnaissance and evaluation for major infrastructure developments Roger DOONAN Clive WADDINGTON Jay CARVER, UK
16:20-16:40	Light at the End of the Tunnel – The Application of Real-World and Digital Approaches on the A303 Amesbury to Berwick Down (Stonehenge) Scheme Neil MACNAB Leonora O'BRIEN, UK
16:40-17:00	Flying High! Combining Old with New Methods for Enhanced Airborne Prospection and Characterisation Joel GOODCHILD, UK
17:00-17:20	Advances in archaeological prospection: the geoarchaeological shift Clive WADDINGTON, UK
17:20-17:40	Discussion

Location:

WIENER PLANUNGSWERKSTATT

Opening

19:30-23:00 **Evening Event**

Location: **WAPPENSAAL**

09:00-09:30	Keynote 2 Digital Cities, NeuroArchaeology and Cyberarchaeology Maurizio FORTE, USA
09:30-10:00	COFFEE BREAK
Empowering heritage sites through knowledge. How to use the data to improve the management and the visitors' experience Chair: Cristina MOSCONI, UK	
10:00-10:20	Virtual Reality Application Keltenwelt am Glauberg – New approaches in VR for archaeological sites JMarc GRELLERT Axel POSLUSCHNY R. BEUSING, GER
10:20-10:40	Historical roof structures – How to make the forgotten masterpieces visible? – The roof cadastre of Vienna's City Centre Hanna A. LIEBICH Eleonora DE MASI, AUT
10:40-11:00	Collecting activity in ancient Greece: from prehistoric times to the hellenistic era Eirini TSAKIRI, GRE
11:00-11:20	Public works heritage: the G-O-ING pilot project Rita RUIZ P. HERNÁNDEZ-LAMAS B. CABAU, ESP
11:20-11:40	Collaborative heritage. Validated, shared knowledge creation on cultural heritage Lorenza STANZIANO Beatriz GARCÍA VIDAL Mónica LUENGO AÑÓN Héctor M. ALIAGA DE MIGUEL Clara VILLALBA MONTANER, ESP
11:40-12:00	Discussion
12:00-14:00	LUNCH BREAK
In the air, under water, and ashore Chairs: Marco BLOCK-BERLITZ Hendrik ROHLAND, GER	
14:00-14:20	Roman Stone Monuments from North Dobruja, Romania: Case study the Halmyris fortification Cristina-Georgeta ALEXANDRESCU, ROU
14:20-14:40	3D modelling of the castle Neu-Wildon Peter BAUER, AUT
14:40-15:00	Photorealistic 3D-Roof and Façade Mapping of St. Stephen's Cathedral Peter DORNINGER Nikolaus STUĐNICKA, AUT
15:00-15:20	Virtual 3D State Models of the West Pediment of the Temple of Zeus at Olympia Zackary HEGARTY, USA Andras PATYAY-HORVATH, HUN
15:20-15:40	COFFEE BREAK
15:40-16:00	Rapid and Reproducible Reconstruction of Ancient Architecture by Procedural Generation. Reconstructing the "Pavilion of the Rise of the Yuan Dynasty" in Karakorum, Mongolia Dominik KLENK Hendrik ROHLAND Marco BLOCK-BERLITZ Christina FRANKEN, GER
16:00-16:20	The Visualisation of Construction Principles of Antic Architecture Dominik LENGYEL Catherine TOULOUSE, GER
16:20-16:40	Archaeological documentation during a securing and restoration project: an example of successful approach. The case of the castle of Larciano (Pistoia – Italy) Lapo SOMIGLI Chiara MARCOTULLI Francesca CHELI, ITA
16:40-17:00	Possibilities and Requirements for AR Applications in a Complex Heritage Landscape. An analysis from a technician's and a curator's perspective Lukas André SUTHE Hendrik ROHLAND Marco BLOCK-BERLITZ Christina FRANKEN, Germany
17:00-17:20	Images-based 3D documentation of a person garden using a low-cost technique Ahmad RAJABI Mohammad Moein DANESH, IRI
17:20-17:40	From drone to web visualisation: accessing the 3D model of the Roman thermal complex of Massaciuccoli (LU) Filippo SALA Emanuele TACCOLA, ITA
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Poster AWARD Presentation Peter DORNINGER, 4D-IT, AUT	
10:00-10:20	Augmented Reality (AR) Technology-based Digital Restoration of the Middle Gate in Hwangyongsa Temple Site of the 8th Century Silla Dynasty Period Heungsun KWON W. HAN H. SEO, KOR
10:00-10:20	Theodora MOUTSIU, Cyprus Obsidian Maritime Interconnections in Early Holocene Eastern Mediterranean Theodora MOUTSIU, CYP
10:00-10:20	Adaptive and transformative visitor management applying the World Heritage Visitor Management Assessment and Strategy Tool (VMAST) Cecilie SMITH-CHRISTENSEN, Norway
Digital Tools for the Emergency Rescue of Cultural Heritage Chairs: Tobias BUSEN Bernhard FRITSCH, GER	
10:20-12:00	Digital Tools for the Emergency Rescue of Cultural Heritage Tobias BUSEN Bernhard FRITSCH, GER
10:20-12:00	Preservation and Protection of Cultural Heritage Resources using Arches Dennis Wuthrich WUTHRICH, USA
10:20-12:00	Challenges of Applying Reality Capturing Methods in a Post-Conflict Urban Context: The Digital Survey in the Old City of Aleppo Rahaf ORABI, HUN
12:00-14:00	LUNCH BREAK
Scientific work and citizen participation in cultural heritage during Covid-19 Chairs: Elisabeth MONAMY Sigrid PETER, Wolfgang BÖRNER, AUT Alessandro CAMIZ, TUR Cristiana BARANDONI Paolo GIULIERINI, ITA	
14:00-16:40	Museums and Covid-19: adaptation of content and practice in the Trilj Regional Museum Sanja BUDIĆ LETO, CRO
14:00-16:40	Engagement with classical archaeology and the ethics of contemporary clothing production: exploring the interface of citizen engagement through technologies at the London Bloomsbury Festival 2020 Claire FRAMPTON, UK
14:00-16:40	"Closed but active" Archaeology at the Natural History Museum Vienna Karina GRÖMER Stefan EICHERT, AUT
14:00-16:40	Schools and museums in times of Covid-19 - Lockdown or openup? Sigrid PETER, AUT
14:00-16:40	Zoom?!? Wolfgang BÖRNER, AUT
14:00-16:40	Pandemics and the changing built environment Learning from history, planning our future Alessandro CAMIZ, TUR
14:00-16:40	Will Virtual Exhibitions Remain After Covid 19 Ends? Müge ELMAS, TUR
14:00-16:40	"Virtual Excursions" in Archaeology Ute VERSTEGEN Lara MÜHRENBURG, GER
World Heritage Documentation and Monitoring with New Technologies Chairs: Mario SANTANA, Canada Ulrike HERBIG, Austria	
16:40-18:00	A Digital Bridge for Collaboration in Cultural Heritage Aristotelis ANTONIOU Alzbeta REJENTOVA Paolo TOTO Antipas PAPAGEORGIOU Angelika PSENNER Friedrich HAUER, ITA
16:40-18:00	Panelists: Haifaa ABDULHALIM, JOR Joe KALLAS, LIB Bijan ROUHANI, UK Azizil VANDESANDE, BEL Rebecca NAPOLITANO, USA Hyeseung SHIM, KOR Carmelo IGNACCOLO, USA/ITA Douglas PRITCHARD, CAN
16:40-18:00	Rapporteur: Michelle DUONG, CAN

Location:

WIENER PLANUNGSWERKSTATT

New bottles for old wine: The new CIDOC CRM and your old data Organizer: Stephen STEAD, UK	
09:30-12:00	Advanced Archaeological Training

Location:

WIENER RATHAUSKELLER

Conference Dinner	
19:30-23:00	Mayor's Cocktail Opening: DI Omar AL-RAWI (Municipal Council)

SCHEDULE I Wednesday, 3 November 2021

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Digital Tools for the Emergency Rescue of Cultural Heritage Chairs: Tobias BUSEN Bernhard FRITSCH, GER	
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