EuroMed 2024
The 10th International Euro-Mediterranean Conference on Digital Cultural Heritage
2nd-4th December 2024, Cyprus University of Technology, Limassol, Cyprus

EUROMED
International Conference on Digital Heritage

Schedule Monday 2nd December 2024

Workshop 1: Paradata, Metadata, & Data in 3D Digital Documentation for Cultural Heritage: #DigitalTwins or #MemoryTwins

Monday 2nd December: 2024 09:00-17:30

Since its adoption in 2006 as part of the London Charter, the concept of Paradata has appealed to many aspects of the digital documentation of the past; from expressing alternative interpretations, probability or confidence in visual-based heritage research to providing a basis for robust scholarly interrogation, and from describing workflows, data acquisition methods and parameters to supporting sustainability & high quality of & and its preservation approaches.

Now widely seen, along with Metadata and geometrical data, as part of the trinity that indicates high-quality 3D digital resources, both for enriching 3D assets, creating knowledge and promoting reusability, the DCH community still lacks a definitive description and differentiation of what Paradata and Metadata are, their benefits to stakeholders, owners, the multidisciplinary DCH community, digital scholarship, and compliance with the European Commission Recommendation for the collection of 3D-digitised CH assets.
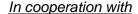
This workshop will review the outcomes and conclusions of two key webinars held under the auspice of the UNESCO Chair on DCH and the EU Eureka3D project in April and May 2024 with the intent to establish definitions for paradata and its applicability within the digitisation lifecycle.
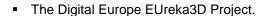
Dr Marinos Ioannides

Workshop Organiser

UNESCO Chair on Digital Cultural Heritage
Cyprus University of Technology, Cyprus

In cooperation with

- The Digital Europe EUreka3D Project.
- The Horizon Europe HERITALISE Project.
- The EU eArchiving Initiative.
- Heritage Malta, Malta.
- Alma Mater Studiorum-Università di Bologna, Italy.
- Hochschule Mainz-University of Applied Sciences, Germany.

**Workshop
Monday 2nd December
09:50-17:30**

Cyprus University of Technology

Time	Paper Title & Speaker
08:30-09:00	Registration
09:00-09:30	Welcome and Opening Ceremony
09:30-09:50	Everything, Everywhere, All at Once *Thomas Flynn, Independent Digital Heritage Consultant, The United Kingdom*
09:50-10:00	Why Digitise the Past? #DigitalTwin or #MemoryTwin: What's the Next Step in Cultural Heritage Documentation? *Marinos Ioannides, UNESCO Chair on Digital Cultural Heritage at Cyprus University of Technology*

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10:00-10:15	Memory Twins: A new much needed Dimension in Preserving National Collections *Tony Cassar, Heritage Malta, Malta*
10:15-10:30	Generating Paradata by asking Questions or Telling Stories *Isto Huvila, Uppsala University, Sweden*
10:30-11:00	Coffee Break (30 minutes)
11:00-11:15	IIIF 3D & Data Dimensions - Countdown on Collaborative Standards for Sustainable Digital Heritage *Ronald Haynes, IIIF, University of Cambridge, The United Kingdom*
11:15-11:30	3D Data Documentation – From Theory to Automation *Sander Münster, Friedrich Schiller Universität Jena, Germany*
11:30-11:45	Representation & Preservation of Traditional Crafting Techniques *Xenophon Zabulis, FORTH, Greece*
11:45-12:00	3D & Annotations: Towards a Semantic Web for Cultural Heritage? *Öyvind Eide, University of Cologne, Germany*
12:00-13:00	My 3D Model is Wonderful Now, but will it Last? How the EU's eArchiving Initiative's E-ARK Specifications Can Help Future-Proof 3D DCH Documentation *Janet Anderson, David Anderson, Sven Schlarb & Stephen Mackey, eArchiving Initiative*
13:00-14:00	Lunch Break (60 minutes)
14:00-14:15	Introducing Scientific Reference Model & Critical Digital Model – Methodological Approach in Hypothetical Source-Based 3D Reconstruction of Built Cultural Heritage *Piotr Kuroczyński, Hochschule Mainz - University of Applied Sciences, Germany* *Fabrizio Ivan Apollonio, Alma Mater Studiorum - University of Bologna, Italy*
14:15-14:30	Developing the Core Data Model for 3D – Exploring Metadata & Paradata Throughout Current 3D Infrastructure Projects *Igor Piotr Bajena, Hochschule Mainz – University of Applied Sciences, Germany*
14:30-14:45	Benefits, Opportunities, Risks and Gaps in the Management of Cultural Heritage Digitisation. A Critical Literature Review. *Marco Rendina, REEVALUATE project, European Fashion Heritage Association, Italy*
14:45-15:00	Reviving Europe's Architectural Heritage: The CoVHer Project's Standards for 3D Digital Reconstructions *Federico Fallavollita, Alma Mater Studiorum – Università di Bologna, Italy*
15:00-15:30	Illicit Trafficking of Cultural Goods: A Challenge for AI in a Time Without 3D Standards *Valentina Vassallo, ANCHISE Project, STARC, Cyprus* *Axel Kerep, Protection Avancée contre le Recel (PARCS), France*
15:30-16:00	Coffee Break (30 minutes)
16:00-16:15	*The Future of 3D Digitization & Access in the Data Space* *Jolan Wuyts, Europeana Foundation, The Netherlands*
16:15-16:30	HERITALISE: Digitisation of Tangible & Intangible Heritage to Achieve HBIM-based Digital Twins Including Digital Twin Memories *Mikel Borrás-Morrison, IDP Engineering and Architecture Iberia, Spain*
16:30-16:45	3D Digitisation of Cultural Heritage: A Question of Competence, Quality & Infrastructure *Antonella Fresa, PHOTOCONSORTIUM, Italy*
16:45-17:15	All participants: Discussion & Brain Storming Session *Rapporteur Robert Davies, Chair of the Europeana Network Association, The Netherlands*
17:15-17:30	Closing Comments