

MONDAY · 14 SEPTEMBER 2026

08:00-09:00 Registration

09:00-09:15 Welcome

KEYNOTE
09:15-10:00 The dream of the ‘Critical Computer Visualisation’
Hubertus Günther

10:00-10:20 Coffee break

Session 1, Part 1
10:20-11:25 Best Documentation Practices
Moderator: TBA

10:20-10:25 Intro

10:25-10:40 Invisible Transformations: Documenting Technical Metadata and Paradata in Web-Based 3D Workflows of Cultural Heritage Objects
Susanne Bäsche

10:40-10:55 Lightweight metadata for 3D representation of immovable cultural assets and their damages: bridging the gap between data quality standards and participative documentation methods
Irena Schmitt, Fabian Rolke, Jyrki Oraskari

10:55-11:10 WissKI Barrels 3D Data Model – Quickstart
Robert Nasarek, Igor Bajena

11:10-11:25 From Smartphone 3D to Federated Knowledge Graphs: Best Documentation Practices for Making Citizen-Generated 3D Heritage FAIR
Florian Thierly

11:25-11:45 Coffee break

Session 1, Part 2
11:45-12:45 Best Documentation Practices
Moderator: TBA

11:45-12:00 On the Scientific Validity of Virtual Reconstructions
Markus Wacker, Marc Grellert, Jonas Bruschke, Daniel Beck, Wolfgang Stille, Christina Clausen, Petra Steiner

12:00-12:15 Formalising documentary provenance for unbuilt heritage: implementing source paradata in b5DD for an HBIM reconstruction framework
Anna Sansaverino, Elisabetta Caterina Giovannini, Jacopo Bono

12:15-12:30 Hypothetical Architectural Reconstructions: A Methodological framework for Transparent and Reproducible 3D Modelling in Cultural Heritage
Federico Favaretto, Fabrizio Ivan Apollonio, Riccardo Foschi

12:30-12:45 Explore 3D: Developing Good Practice Guideline for 3D Digitisation and Open Research Data
Christian Feilner, Alexandre Bovey

12:45-13:00 Stratigraphic categorisation as documentation: the Extended Matrix and the data/taxonomy plane of credible virtual reconstruction
*A worked example from the EM 1.5 specification, developed within the Horizon Europe Stratigraph project as a building block for the European Collaborative Cloud for Cultural Heritage (ECCCH).
Emmanuel Demeitrescu*

13:00-14:00 Lunch break

Session 2
14:00-15:05 3D World Wide Web Exploration and Visualisation
Moderator: TBA

14:00-14:05 Intro

14:05-14:20 Mapping Interaction Spaces: A Matrix for Transitional Interfaces in Virtual Reconstruction Research
Deborah Ehlers, Jan-Henrik Schröder, Philipp Uesbeck, Hans-Christian Jetter

14:20-14:35 Towards (H)BIM Integration in Semantic Kompakkt: Evaluation of Web Libraries for a Modular Import Pipeline
Kai Niebes, Zoe Schubert, Loazana Rosenova, Ina Blümel

14:35-14:50 From archive to experience: Reimagining digital archives as immersive knowledge spaces
Max Fröhweil, Gerald Kosicz

14:50-15:05 Bridging 3D Visualisation and IIIF: The DLF AIM 3D Viewer for Interoperable and FAIR 3D Workflows
Daniel Gregas

15:05-15:20 Reconstructing and Analysing a forgotten World: A 3D-Positioning and Annotation System for the Paintings of the Kucha Project
Erik Radtsch

16:00-18:00 Guided city walk
Historic city center of Mainz

18:00-21:00 Wine and networking
Lux Pavillion

TUESDAY · 15 SEPTEMBER 2026

09:00-09:10 Welcome to Day 2

KEYNOTE
09:10-09:55 From Sketchfab to Scholarship: The Case for Sustainable 3D Infrastructures
Costas Papadopoulos

09:55-10:15 Coffee break

Session 3, Part 1
10:15-11:20 Web-based Publication Infrastructures and Preservation Strategies
Moderator: TBA

10:15-10:20 Intro

10:20-10:35 Identifying Interdisciplinary Challenges Across 3D Data Creation /Curation Workflows
Mr. McCall Borazan, Zack Lischer-Katz, Matt Cook

10:35-10:50 Beyond the Viewer: Documentation Standards as Governance Infrastructure in 3D Heritage
Zhuyl Yin

10:50-11:05 Towards FAIR Architectural Data Collections
Roger Winkler, Hana Svatoš-Radžević, Andreas Noback, Marc Fuhrmans, Tobias Schwinn, Achim Menges

11:05-11:20 Implementing a distributed infrastructural workflow for 3D Models in Germany. Achievements of the DFG 3D-Viewer Project’s Second Funding Phase
Sander Münster, Polir Kunczyński, Marc Moisch, Igor Bajena, Clemens Beck, Markus Weigelt, Daniel Dworak

11:20-11:40 Coffee break

Session 3, Part 2
11:40-12:40 Web-based Publication Infrastructures and Preservation Strategies
Moderator: TBA

11:40-11:55 WebHDP: An Institutional Web Architecture for the Automated Processing, LOD Generation, and Publication of 3D Heritage Data
Dominik Ulatov

11:55-12:10 When More Data Is Not Enough: Preserving Robotically Fabricated Architecture
Wen-Shan Cui, Adrian Leander Pöllinger, Laurence Crouzet, Silke Langenberg

12:10-12:25 From Documentation to Infrastructure: The Development of 3D Cultural Heritage Digitization in Ukraine
Yulia Prokhorova, Yana Babinets

12:25-12:40 SummitShare: Digital Environments in Practice
David Ferraz, Maria Magyari Jene, Thomas H. Gonsawe, Muegna Hpusuda Kapwepwe, Taonga Makashini, Nyira Amato-Sekyi, Samira Tonga

12:40-14:00 Lunch break

Poster Session A
14:00-15:40 Documentation and infrastructures
Moderator: TBA

14:00-14:05 Intro

14:06-14:12 Multimodal Digitization of Medieval Armenian Ecclesiastical Architecture: A Case Study
Narine Sarvazyan, Ethan Bourdeau, Aleksei Andrianov

14:13-14:19 Enhancing Transparency in 3D Reconstruction: An Integrated Metadata and Paradata Framework for Multimodal UAV Documentation
Ting-Jia Guo, Norbert Küster, Carolin Hensing, Maximilian Berkel, Benjamin Risse

14:20-14:26 Towards Automating FAIR Compliance in 3D Heritage Models: An AI-Enhanced Epistemological-Operational Framework in the Historic Center of Najaf
Sabeeh Lafta Fathan

14:27-14:33 3D-Based Design Environments and Common Data Environments for Sustainable Heritage Interventions: A Case Study in Castle Ruins
Joanna Tokarska, Polir Kunczyński

14:34-14:40 Preservation Infrastructure and the Problem of Digital Heritage Loss
Somya Goel

14:41-14:47 Completing the 3D Infrastructure: A One-Set Creation-to-Ingestion Model
Winnie Lam

14:48-14:54 3D4Vases – Dreidimensionale Digitalisierung der Karlsruher Vasensammlung und Entwicklung deskriptiver Standardverfahren
Alexander Wolny, Susanne Ertelding, Christina Trikidou

14:55-15:01 Preserving context in fragmented museum archives: a methodological approach to digital preservation
Carolina Teixeira Sousa

15:02-15:08 From music rooms in the illustrated press to FAIR heritage data: web-based infrastructures, provenance, and preservation in Digital Art History
Ana Elvir Forares, Vera Molinho de Almeida, Luís Trigo, Hugo Bameira

15:08-15:40 Discussion
Moderator: TBA

WEDNESDAY · 16 SEPTEMBER 2026

09:00-10:00 WORKSHOP
DFG 3D-Viewer Practical Guidelines on metadata for 3D cultural heritage
TBA

10:00-11:00 WORKSHOP
What makes virtual 3D reconstructions scientific?
TBA

11:00-11:20 Coffee break

Session 4
11:20-12:40 Education, Outreach and Public Engagement with 3D
Moderator: TBA

11:20-11:25 Intro

11:25-11:40 How can MorphoSource, a community 3D repository, support educators and museum partners managing student-created data?
Jocelyn Triplett, Douglas Boyer, Julie Winchester

11:40-11:55 Reconstructing Architectural Heritage through 3D and Immersive Technologies: Integrating Intangible Practices for Authentic Representation — A Transferable Framework from the Gedi Ruins Case Study
Francisca Ayao Omondi

11:55-12:10 Tactile Time: Interactive 3D Heritage and Art Experiences with TouchDesigner
Islam El Shamy, Mohamed W. Fareed

12:10-12:25 Learning in Immersive Museum Environments
Emma June Huebner

12:30-13:30 Lunch break

Poster Session B
13:30-14:40 Web visualisation, education and public outreach
Moderator: TBA

13:30-13:35 Intro

13:36-13:42 Integration of the fourth dimension in heritage visualization: A GIS-Based environment as a tool for multi-source data integration
Maria Helena Cabarcas Granados, Roberto Christenada, Daniel Luengo Cuervo

13:43-13:49 From Geometric Documentation to Knowledge Integration: A Web-Based Approach to Lightweight Point Cloud Management and Interaction for Historic Buildings
Zhang Zhimin, Gao Panyu, Qin Zhiyun

13:50-13:56 Innovative digital documentation framework for heritage education and outreach: Case study from India
Khuah Shah, Rishabh Sharma

13:57-14:03 A Roadmap for Education-Driven Heritage Sustainability: The Case of Harpur Castle
Fatih Okazyanak

14:04-14:10 From Points to Structured Knowledge: Teaching HBIM Workflows in Architectural Heritage Documentation
Julian Grgala

14:10-14:40 Discussion
Moderator: TBA

14:40-15:00 Closing Remarks