

1ST CONFERENCE IMMERSIVE HERITAGE

Join experts, researchers, creatives, and institutions in exploring the future of digital cultural heritage through XR, AR, VR, and gamification. Hosted in Timișoara, European Capital of Culture, the event highlights how immersive technologies bridge the physical and digital past, offering innovative approaches to heritage preservation and valorisation. The **Immersive Heritage Conference** is the platform where 3D innovation, Virtual Reality (VR), and Augmented Reality (AR) meet history, offering revolutionary solutions for interacting with the past. We explore how immersive technologies can transform historical sites into educational and cutting-edge research environments, contributing directly to the academic prestige and international recognition of local institutions, such as Politehnica University Timișoara.

PROGRAMME HIGHLIGHTS

Day 1 – Immersive Tech

Keynote, XR Workshops, Exhibition Launch, Panel on Digital Heritage

Day 2 – Gamification

Keynote, Demos, Interactive Sessions, Museums of the Future

Day 3 – Research & Policy

Paper Sessions, Roundtables, Awards & Closing Ceremony

STAY CONNECTED AND FOLLOW US



18-20

MARCH 2026

POLITEHNICA UNIVERSITY OF
TIMISOARA

DRAFT



Co-funded by
the European Union

IMMERSIVE HERITAGE 2026 is officially endorsed by the LIP3D project
(Living forever the Past through a 3D digital world), DIGITAL-2023-CLOUD-
DATA-AI-05-CULTURAL HERITAGE. More information about the project can
be found at the official webpage: <https://www.lip3dproject.eu/>

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<https://krister-herban.github.io/immersive-heritage/>

DAY 1 – Wednesday, 18 March 2026

Theme: *Immersive Technologies for Cultural Heritage Preservation*

09:00 - 09:30 Opening Ceremony & Welcome Remarks

- Presentation of the Conference, *Prof. H. Sorin*
- Welcome by Rector & Organizing Committee, *Prof. Florin Dragan*
- *Welcome by the National and Regional authority*
- Welcome by P.I of Lip3D project, *Prof. Massimiliano Pepe*

09:30 - 10:00 Keynote Session

“Wearing History: Rethinking Fashion Museums in 3D”
European Fashion Heritage Association, *Marco Rendina*

10:00 - 10:30 Keynote Session

European projects

Speaker: Diego Lopez Del Rio from European Health and Digital Executive Agency (HaDEA)

10:30 - 11:00 Coffee Break & Exhibition Visit

11:00 - 12:00 Workshop

Projects for Heritage Reconstruction and Conservation

Coordinator: Prof. Massimiliano Pepe

- Lip3D project, *Prof. Manolis Maravelakis*
- BIM2IN, *Prof. Andrei Crisan*
- *Eureka3D, Antonella Fresa*
- *AI4Culture, Marco Rendina*

12:00 - 12:30 Keynote Session

“**Contribution of AI in the 3D reconstruction of archaeological site**”

University of Salento, *Dr. Vincenzo Saverio Alfio*
Politehnica University of Timisoara, *Prof. Marius Marcu*

12:30 - 13:30 Guided Tour of the XR Heritage Experience Zone

Exhibition area and networking reception

Prof. Herban Sorin, Prof. Andrei Crisan, Prof. Vincenzo Saverio Alfio, Arch. Donato Palumbo

Group photo & Farewell Reception

13:30 - 15:00 Lunch Break & Exhibition Visit

15:00 - 16:00 Panel Discussion

Digital Museums: Bridging Physical and Digital Heritage

*Coordinator: Prof. Andrei Crisan, Manager Liliana Tolas -Museum of Dacian and Roman Civilization ,
Manager Claudiu Ilas-Timisoara Museum*

16:00 - 17:00 (Lip3d meeting - reserved)

19:00 Social Dinner

DAY 2 – Thursday, 19 March 2026

Theme: *Gamification, Engagement & Cultural Storytelling*

09:00 - 09:45 Keynote Session

Gamification for Cultural Memory: Engaging New Audiences through Play

Speaker: Prof. Liliana Tolas - Prof. Nicola Stelian

09:45 - 10:30 Panel Discussion

Designing Interactive Heritage Experiences

Serious games, museum interactivity, user-centered design

Coordinator: Prof Stelian Nicola, Raul Brumar – Politehnica University Timisoara

10:30 - 11:00 Coffee Break

11:00 – 11:45 Keynote Session

From Archival Documentation to Multimedia Presentation: A 3D Reconstruction of the Valetudinarium at the Legionary Camp in Novae Using Blender and Godot Engine

Speaker: Jakub Kaniszewski

11:45 -13:00 Workshop

From concept to development - Game Production workshop

Speaker: Dr. Lorenzo Bonu

13:00 - 14:30 Lunch Time

14:30 - 15:00 Showcase

The Metaverse of Iuvanum: pilot case study in Lip3D project

Speaker: Dr. Lorenzo Bonu

15:00 - 16:00 Panel Discussion

From Excavation to Digitization – The Archaeological Contribution to Cultural Heritage Innovation

Informal session to connect institutions, research groups, and creative studios

Coordinator: Prof. Klapa - Prof. Prof. Krzysztof Narloch, Ahmed Dewedar

16:00 - 17:00 - Demo Talks in Exhibition Area and visits CH

DAY 3 – Friday, 20 March 2026

Theme: *Scientific Dissemination, Policy, and Collaboration for Digital Cultural Heritage*

09:00 - 09:30 Welcome & Introduction to the Scientific Track

Overview of accepted papers and research themes Guidelines for hybrid presentations and Q&A

Prof. V. S. Alfio, Prof. B. C. Vilceanu, Prof. Andrei Crisan, Prof. H. Sorin

09:30 - 11:00 Paper Session 1: XR Technologies for Heritage Preservation

Chair: Prof. Manolis Mavroulis – HMU

Topics include:

- *Virtual conservation and restoration*
- *3D scanning and reconstruction workflows*

11:00 - 11:15 Coffee Break

11:15 - 12:45 Paper Session 2: Integration of digital twins and metadata in heritage documentation

Chair: Prof. Przemysław Klapa

Topics include:

- *Architecture and Heritage Building Information Modeling (HBIM)*
- *3D Modeling for Digital Twins and Digital Reconstruction of Heritage Objects*
- *Multisensor Data for Heritage Documentation*

12:45 – 14:00 Lunch Time

14:00 - 15:00 Paper Session 3: Digital Transformation and Cultural Data

Chair: Dr. Spartak Kuçaj

Topics include:

- *Linked open data, interoperability, and digital archives and*
- *AI and machine learning applications for cultural heritage*
- *Ethics and sustainability in digital heritage practices*

15:00 – 16:00 Best Paper Ceremony, Closing Remarks & Future Outlook

Recognition of outstanding contributions in scientific dissemination and innovation

- Summary of main outcomes from the conference and exhibition
- Announcement of Immersive Heritage 2027

Scientific Committee	Local Committee
Sorin Herban	Simon Pescari
Massimiliano Pepe	Alina Bala
Vincenzo Saverio Alfio	Floarea Brebu
Oliva Menozzi	Cosmin Musat
Donato Palumbo	Raul Brumar
Domenica Costantino	Alexandru Grosu
Andrei Crisan	Krister Herban
Emmanuel Maravelakis	Roberta Jianu
Kristoff Narlock	Viorica David
Sylvie Trullet	Adrian Alionescu
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Athanassios Mailis	Paul Zdrenghea
Przemysław Kłapa	Diana Clepe
Marius Marcu	George Cristian
Stelian Nicola	Ovidiu Cuzic
Meng Qingyan	Razvan Gherasa
Silvia Weber	Andreea Gothard
Beatrice Vilceanu	Nicolina Adamescu
Carmen Grecea	Victoria Cociota
Spartak Kuçaj	
Heidrum Boegner-Balz	
Liliana Tolas	
Mihai Herbei	
Adrian Smuleac	