



Programme

From 3D Data to XR Experiences:

Forum on the Future of Cultural Heritage Technologies

Final Showcase Event of the 3DBigDataSpace Project

in collaboration with **XRculture** and **3D-4CH – Online Competence Centre in 3D for Cultural Heritage**

Date: 1 July 2026

Format: Hybrid (On-site and Online)

Venue: Poznań Supercomputing and Networking Center (PSNC), Poznań, Poland

Facilitators: Paweł Marciniak (Project Manager, PCSS) & Alexandru Stan (3DBigDataSpace Co-Project Coordinator, Innovation Manager, IN2)

Time	Session
08:45 – 09:15	Registration & Welcome Coffee - Arrival of participants (in-person) - Virtual check-in for online participants
09:15 – 09:30	Opening Remarks - Welcome by host Poznań Supercomputing and Networking Center - Welcome by Project Coordinator (Sander Münster, 3DBigDataSpace Project Coordinator, Professor for Digital Humanities SFU, Secretary of the Time Machine Organisation)
09:30 – 10:15	Keynote Session The Common European Data Space for Cultural Heritage Speaker: Valentine Charles, Data Services Director, Europeana Foundation
10:15 – 10:30	Short summary of project journey and key achievements (Sander Münster)
10:30 – 11:00	Coffee Break



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Focus Session:	3DBigDataSpace
11:00 – 12:30	Showcase: 3DBigDataSpace Tools & Use Cases Platform and Technology Demonstrations • Presentation of tools developed within the 3DBigDataSpace project Partner organisations present practical use cases and implementation experiences: • Hunt Museum (Úna Hussey, Project Manager & Emma King, Education Coordinator) • 3D Pilgrim App (Francisco de Arriba Pérez, Researcher, University Vigo & Silvia García Méndez, Assistant Professor, University Vigo)
12:30 – 14:00	Lunch Break & Live Demonstrations Opportunity to explore demonstrations, engage with project partners, and network with participants.
14:00 – 14:45	Showcase: 3DBigDataSpace Open Call Projects Short presentation of the Calls' context by Beatrice Vaienti, Local Time Machine Manager, Time Machine Organisation Presentations from selected grant-winning initiatives: • Portomarin Virtual (Anxo Miján, 3D Modeler, Trasanços 3D) • 1911 International Exposition (Mohammadreza Mehdizadeh, Research assistant, Politecnico di Torino) • Time Machine Ruppendorf: Water Castle (Mario Hehne, CEO, Apus Systems & Fabian Naumann, CEO, Apus Systems) • The Golden Bond: Unfolding the Kapulukaya Hoard (Sinem Aslan Associate Professor of Computer Science, University of Milan)
14:45 – 15:30	XRculture Showcase Technologies and XR Reuse Scenarios • AI-based digitisation workflows for high-quality 3D model creation and improvement of transparent and reflective objects (Marco Medici, XRCulture Project Coordinator, CEO, Inception Srl) • A flexible approach to 3D model management and visualisation: the XRCulture middleware protocol and the new Share3D dashboard (Peter Bonsma, Technical Director, RDF) & (Vangelis Nomikos, Software Engineer, TALENT) • Enabling XR applications in real scenarios: results from the project Ambrož Černe (Project Manager, ARCTUR)



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15:30 – 15:50	Coffee Break
Focus Session:	Synergies
15:50 – 17:00	Beyond the Horizon: A Unified Roadmap for Europe's 3D Cultural Heritage Panel Discussion Panelists: Valentine Charles (Data Services Director, Europeana Foundation), Sander Münster (3DBigDataSpace), Vangelis Nomikos (XRCulture), Michał Lorek (3D-4CH Online Competence Centre in 3D for Cultural Heritage) Scope of the Discussion: The panel will explore how the three projects collectively support the full lifecycle of digital cultural heritage from 3D data creation and management to immersive experiences and long-term sustainable reuse. Particular attention will be given to: • Synergies between the projects • Future storage and infrastructure requirements • Sustainability of European cultural heritage data ecosystems • Opportunities for collaboration and knowledge exchange The session will include audience questions and open discussion.
17:00 - 17:05	Concluding remarks from the day
17:05 – 18:00	Networking & Demonstrations • Informal networking • Additional project demonstrations • Discussions with speakers and project partners

About the Event

This forum celebrates the achievements of the 3DBigDataSpace project while highlighting the future of Europe's digital cultural heritage ecosystem. Together with XRCulture and 3D-4CH, the event explores how advanced 3D technologies, data spaces, artificial intelligence, and extended reality are shaping new opportunities for cultural heritage preservation, research, and public engagement.



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