



LIP3D - Living forever the Past through a 3Digital world

LIP3D is an innovative initiative supporting museums, cultural sites, and heritage professionals in adopting 3D and Virtual Reality (VR) technologies for preservation, storytelling, and public engagement. With partners from Albania, Cyprus, Greece, Italy, Poland, and Romania, the project addresses the urgent need for digital transformation in the cultural heritage sector.



The LIP3D project, also known as "Living forever the Past through a 3Digital world", focuses on using 3D technologies to reconstruct and preserve cultural heritage sites. Specifically, it utilizes 3D modeling, virtual reality (VR), and augmented reality (AR) to create immersive digital experiences of these sites. **The project is co-funded by the European Union under the DIGITAL EUROPE program.**

WHAT HAS BEEN ACCOMPLISHED SO FAR?

LAUNCH OF LIP3D WEBSITE

We are happy to announce the launch of the official LIP3D Project website!

www.lip3dproject.eu

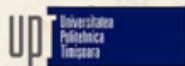
The website provides information about the project's goals, consortium, activities, and news related to 3D modeling in cultural heritage.

FIRST LIP3D SCIENTIFIC PAPER PUBLISHED

The paper presents initial results and progress in 3D digitization of cultural heritage, showcasing innovative acquisition and modeling techniques that support the documentation and preservation of artworks and historical sites.

LIP3D JOINS EUROPEANA'S DIGITAL HERITAGE

Our project results are now officially part of Europeana, Europe's platform for digital cultural heritage. This ensures our work is preserved, accessible, and shareable for everyone whether for learning, research, creativity, or simply exploring Europe's cultural treasures.



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Lip3D at the Common European Data Space for Cultural Heritage



On 24 September 2025, Lip3D joined the Cluster Event in Brussels 🇧🇪, hosted by HADEA – European Health and Digital Executive Agency 🇪🇺.

The project shared its work on 3D data sharing, interdisciplinary collaboration, and sustainable digital solutions, supporting a common European data space that makes cultural heritage accessible, interoperable, and reusable for all.

European Researchers' Night at Chieti, Italy



On 26 September 2025, the University Campus of Chieti hosted the European Researchers' Night, featuring experiments, exhibitions, and performances.

The event also showcased the first results of the #Lip3D project, highlighting 3D technology in reconstructing #ArchaeologicalSites.

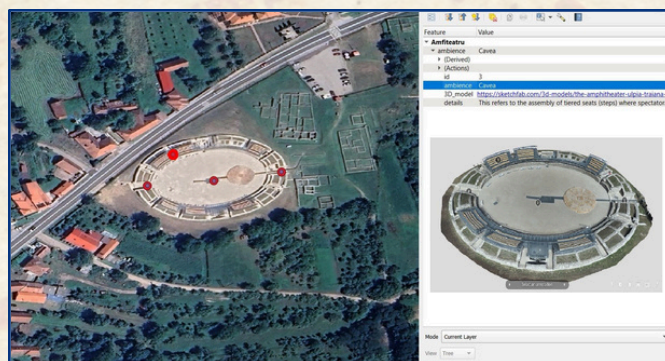
European Researchers' Night in Taranto, Italy



As part of European Researchers' Night 2025, the Polytechnic University of Bari participated in events in Taranto, showcasing activities and results from the European Lip3D project.

The initiative was a great opportunity to introduce students to research and highlight Lip3D's contributions to Cultural Heritage digitisation technologies.

GIS and DEM models of the various case studies in Europe



The Lip3D “DEM, GIS and Environmental Study Dataset” is now publicly available on Zenodo: <https://doi.org/10.5281/zenodo.17233320>

Open access for research, preservation, and innovation in cultural heritage and archaeology.



FUTURE2TECH fair Tirana, Albania



We were proud to represent LIP3D at FUTURE2TECH in Tirana, Albania! Visitors explored digitally scanned archaeological sites through VR headsets, experiencing how 3D technology and storytelling preserve Europe's past while opening new doors for the future.

Erasmus+ Day showcase in Tirana, Albania



At Erasmus+ Day in Tirana, representatives of UPT presented the LIP3D Project, highlighting 3D technology for preserving and promoting cultural heritage, and shared insights on our achievements and future plans.

BMTA 2025 in Paestum, Italy



At the Mediterranean Exchange of Archaeological Tourism (BMTA 2025), LiP3D showcased the first 3D models of archaeological sites and cultural heritage assets. The session engaged a large, enthusiastic audience, providing valuable feedback and ideas for the project's next steps.

Geosciences Conference in Tirana, Albania



LiP3D sponsored the 1st International Conference in Tirana and presented research on smartphone LiDAR for 3D models and VR environments, showing how accessible tools can transform 3D data acquisition.

Partner Meeting at the Archeological Park of Apollonia

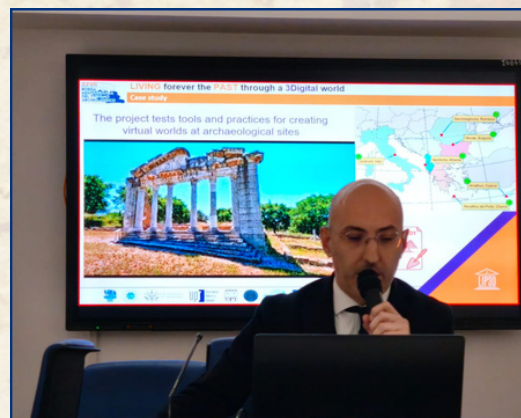


The Lip3D project held its partner meeting at Parku Arkeologjik i Apollonisë in Fier, Albania, bringing together all partners. Discussions focused on project progress, communication strategy, upcoming dissemination activities, and planning future actions to bring Lip3D closer to young people and local communities. A productive day made even more inspiring by the historic setting of Apollonia.



Partners meeting in the Monks' Dining Hall, Apollonia Archaeological Park, Albania November 2025

4th International Conference on Visual Pattern Extraction and Recognition for Cultural Heritage Understanding 2025



Lip3D participated in VIPERC 2025, with Prof. Massimiliano Pepe presenting the project's digital reconstruction of archaeological heritage. The team also shared two scientific studies on 3D reconstruction and UAV/LiDAR data collection. Participants explored Iuvanum 3D models through VR, experiencing a new way to visit archaeological sites.

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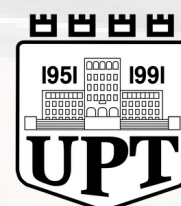
DATA SPACE FOR CULTURAL HERITAGE.
DIGITAL 2023 CLOUD DATA

LIVING FOREVER THE PAST THROUGH A 3DIGITAL WORLD



From ancient ruins to virtual mediums –
our journey continues!

3D models and 3D reconstructions of
cultural heritage will soon be available.



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