



Digital Heritage Research Lab



United Nations Educational, Scientific and Cultural Organization
UNESCO Chair on Digital Cultural Heritage at the Cyprus University of Technology



European Research Area
EU ERA Chair on Digital Cultural Heritage

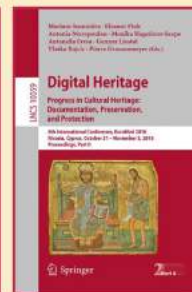
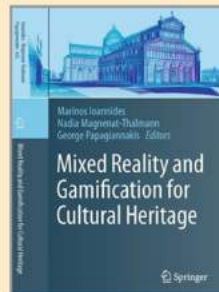


Marie Curie Alumni Association
Cyprus Chapter



Activities

- Research collaborations on the use and impact of digitization in the field of preservation of cultural heritage and the memory of the past.
- Development of testing and evaluating new methods for the digitization of cultural heritage such as system development, large-scale databases, 3D reconstructions, visualizations, virtual representations etc.
- Digitization of audio-visual records.
- Semantic enrichment of artefacts, metadata encoding, reasoning and inference.
- Creative re-using of Digital Heritage content.
- Research on Innovative Applications for Education on Digital Cultural Heritage.
- Operation of interaction technologies that allow user interaction with content.
- Development of new applications and mashups over existing knowledge and data sets.
- Hosting of new research programs.
- Organising activities, events, seminars and conferences to discuss new developments and fundamental research capabilities.
- Use of digitized collections.



Protecting, Preserving & Presenting our Heritage

We are involved in scientific projects in the area of Cultural Heritage. This cooperation produced major results and our work has been published in peer-reviewed journals and conference proceedings in many countries. Our research on cultural heritage tangible and intangible aspects developed a biannual EuroMed conference. This conference has become a regular milestone of the lab offering further knowledge on the protection and preservation of cultural heritage. It has also become a unique platform for academics and researchers to present their results, as well as to draw upon new inspirations and collaborations.



Geometric Documentation of Asinou Church, UNESCO World Heritage Monument Site in Cyprus.



The Digital Heritage Research Lab

The Digital Heritage Research Lab is under the Department of Electrical Engineering and Information Technology of the Technological University of Cyprus. The Lab was established in 2013 and it is the first and so far the only one on the island of Cyprus that specializes in this field.

Our aim is to explore issues such as digitization, archiving and the promotion of cultural heritage, tangible and intangible remains of our cultural past. Moreover, the Lab focuses on how the latest technological developments can deliver this legacy to users. We collaborate on a national level with all relevant private and public sectors. At a European level the Lab collaborates with a network of at least 150 leading partners from the academic, research and industrial sectors working towards the development of new tools and applications.

The research focuses on four thematic areas: recording, access, management and preservation.

The Laboratory of Digital Cultural Heritage is a prototype of cooperation and has rapidly achieved world-spectrum collaboration research programs creating a unique and wide research network with great potentials for future activities. The input of the Lab is significant, since it supports and promotes an advanced scientific basis.

Cyprus University of Technology
Digital Heritage Research Lab
Arch. Kyprianou, 31,3036 Limassol, Cyprus

Tel.: +357-25-002020
Fax: +357-25-002899

Email: marinos.ioannides@cut.ac.cy
www.digitalheritagelab.eu



PROJECTS

Projects

The lab is responsible for the organization of the biannual international EuroMed conference which is always located in Cyprus.



www.euromed2016.eu

At the moment the Digital Heritage Research Lab coordinates four major European Research Projects and participates as a partner in six other equally important projects:

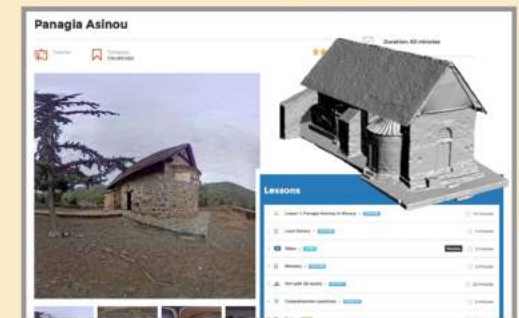
- Marie Curie Initial Training Network on Digital Heritage www.itn-dch.eu 
- Virtual Multimodal Museum www.vi-mm.eu 
- EU DARIAH-ERIC/CYPRUS www.dariah-cy.eu 
- Marie Curie IAPP 4D-CH-WORLD www.4d-ch-world.eu 
- CIP ICT-PSP LoCloud www.locloud.eu 
- Europeana Space www.europeana-space.eu 
- EU H2020 Reflective 7 INCEPTION www.inception-project.eu 
- COST TD1406 Intelligent Monuments www.cost.eu 
- Europeana 3D - TASK FORCE 

Why we are working in this area?

The digitization of cultural heritage and the memory of the past both facilitate and enhance knowledge and science and offer new ways to engage the public. Moreover, new challenges are created for the formation of digital heritage collections and their sustainable adaptation according to the users' needs.

What we do?

- Collaboration in research projects commissioned by European programs and cultural institutions.
- Work in education in the field of Cultural Informatics.
- Investigation of methodological concerns about the use of digital tools in humanities.



Online educational courses on Cypriot UNESCO Monuments.

