



2ND MEETING OF DCHE EXPERT GROUP

Knowledge Management

Luxemburg 13th/14th of November 2017

Dr. Marinos IOANNIDES, Digital Heritage Research Lab
CYPRUS University of Technology







HOLISTIC DOCUMENTATION IN CULTURAL HERITAGE







THE EVENT IN VIENNA



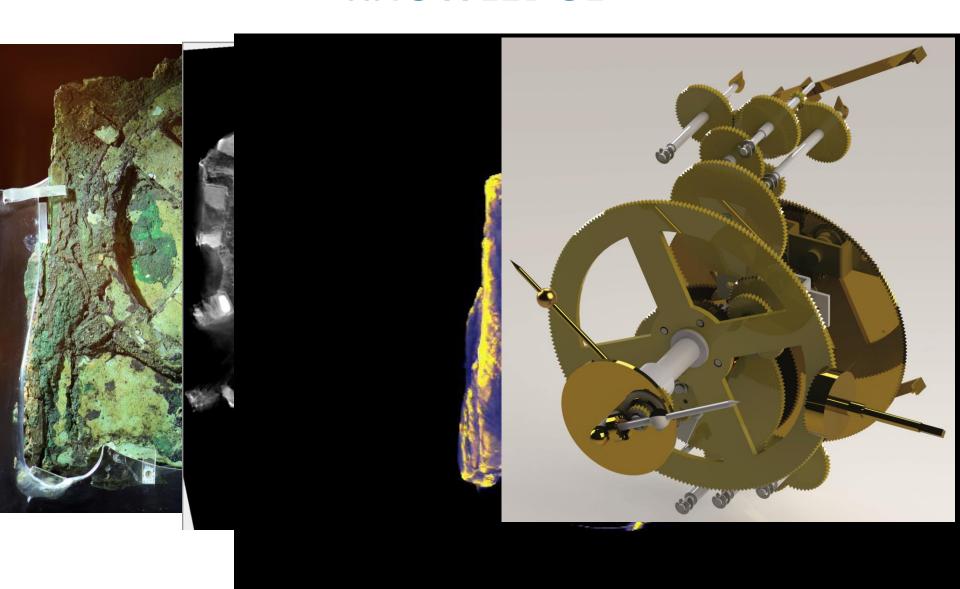
Start: 2nd of April 2017

End: 31st December 2018 with an extension until May 2018



KNOWLEDGE

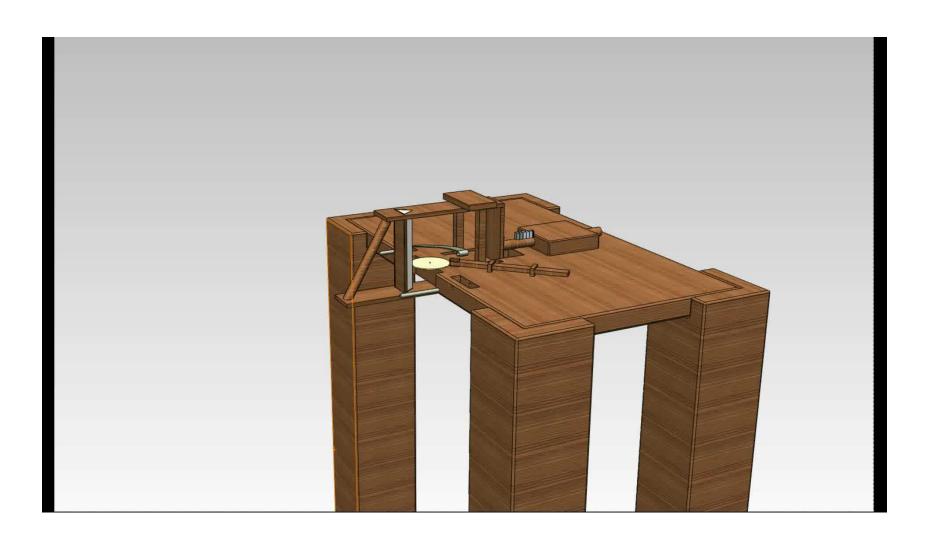


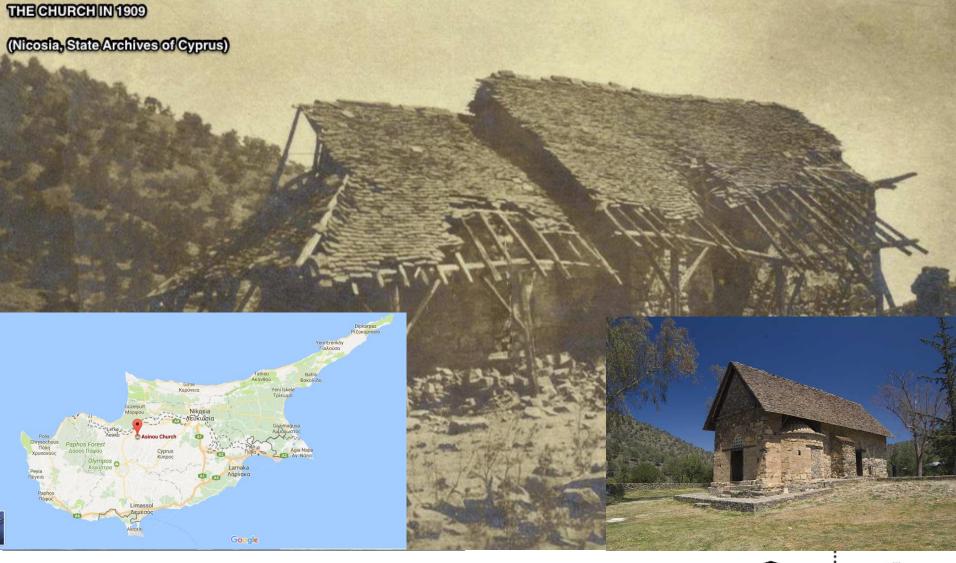






THE KNOW-HOW









A MONUMENT OF OUTSTANDING AND UNIVERSAL VALUE



United Nations Educational, Scientific and Cultural Organization



World Heritage Convention





A MONUMENT OF OUTSTANDING AND UNIVERSAL VALUE







WHY THIS MONUMENT IS OF OUTSTANDING AND UNIVERSAL VALUE?

This monument is characterized as one of the churches and monasteries of the former Byzantine Empire. It belongs to the complex of 10 monuments included on the World Heritage List, all richly decorated with murals, provides an overview of Byzantine and post-Byzantine painting in Cyprus. They range from small churches whose rural architectural style is in stark contrast to their highly refined decoration.





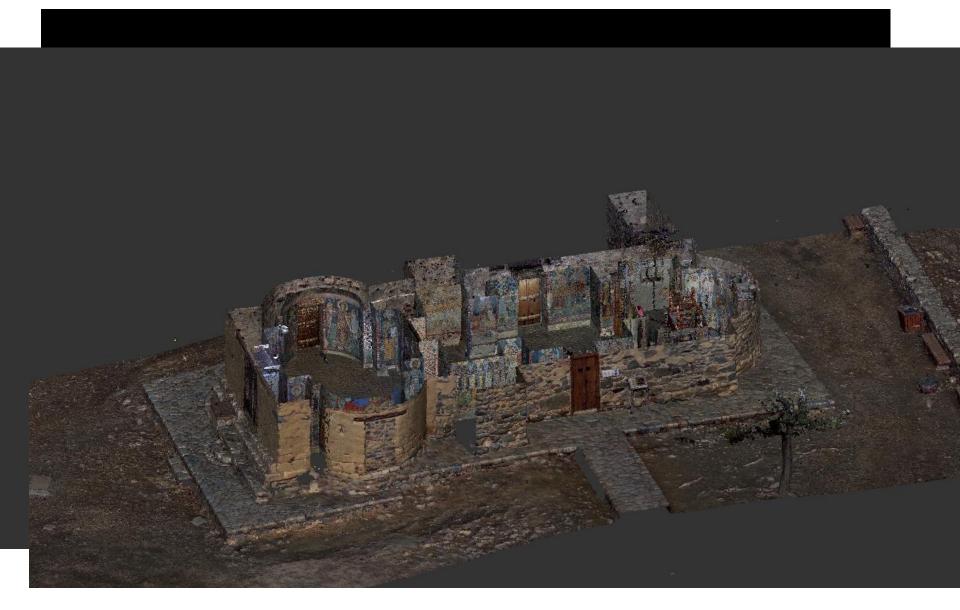




THE RECONSTRUCTED MONUMENT







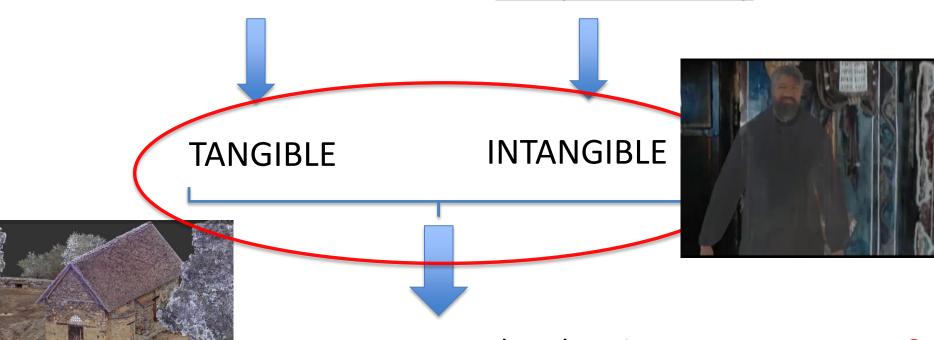




MONUMENT?

THE MONUMENTS TALKS!

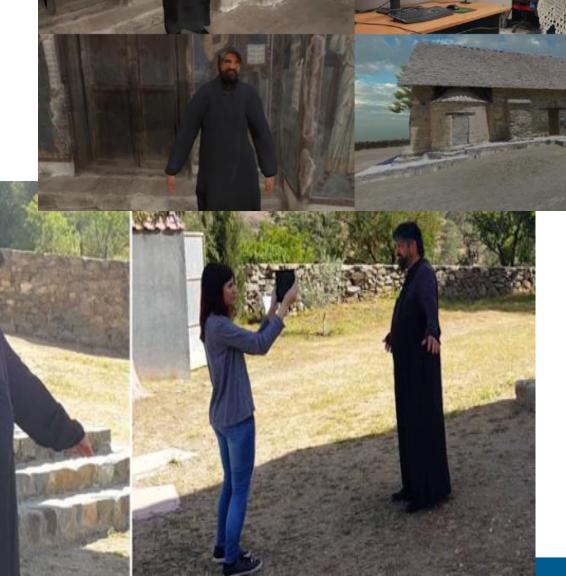
3D Structure and the Story or Memory



MONUMENT == Cultural Heritage e-MONUMENT?



THE INTANGIBLE







THE INTANGIBLE







The Mixed Reality (MR) Continuum









Holographic AR (untethered)



Holographic AR (tethered)



Mobile VR





Desktop VR

Real Environment

MR – VIRTUALITY CONTINUUM

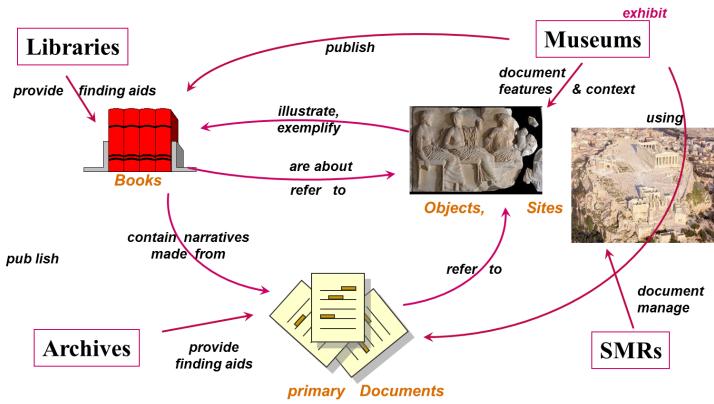
Virtual Environment





THE KNOWLEDGE

Linked Data for Libraries, Archives and Museums



©ICS FORTH





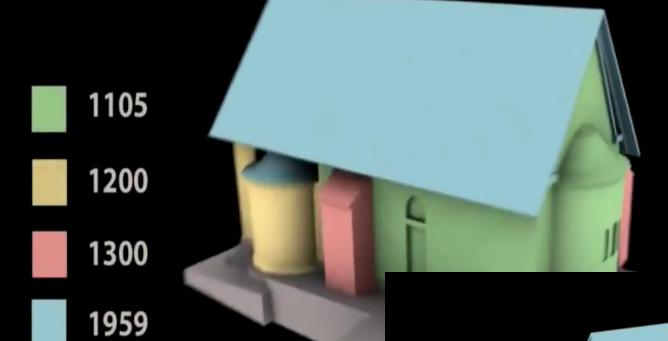
WHO IS INTERESTED?

THE USERS

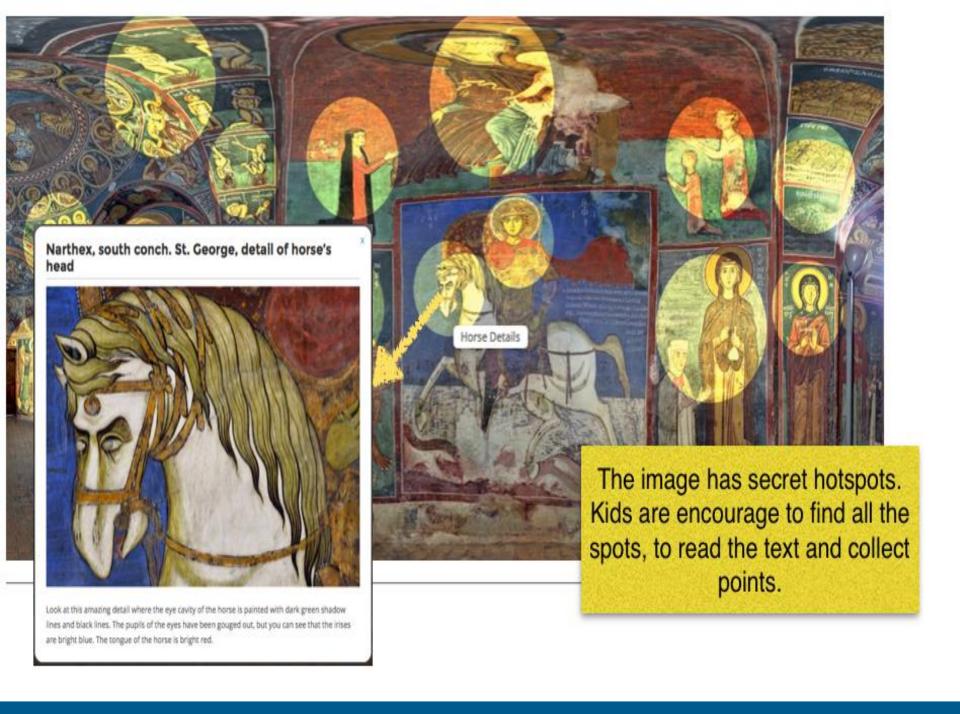
Historian	Structural Engineer	Anthropologist
Archeologist	UX Designer	Archivist/ Librarian
Architect	Culturalist	Restorator/ Conservator
Civil Engineer	Exhibition Designer	Artist
Survey Engineer	Chemist	Curator
Mechanical Engineer	Physicist	Tourist Guide
Electrical Engineer	Mathematician	Teacher
ICT Specialist	Theologist	Scholar / Student
Computer Scientist	Geographer	Craftsman
Conservationist	Urban Designer	
Chemical Engineer	Environmental Engineer/ Scientist	

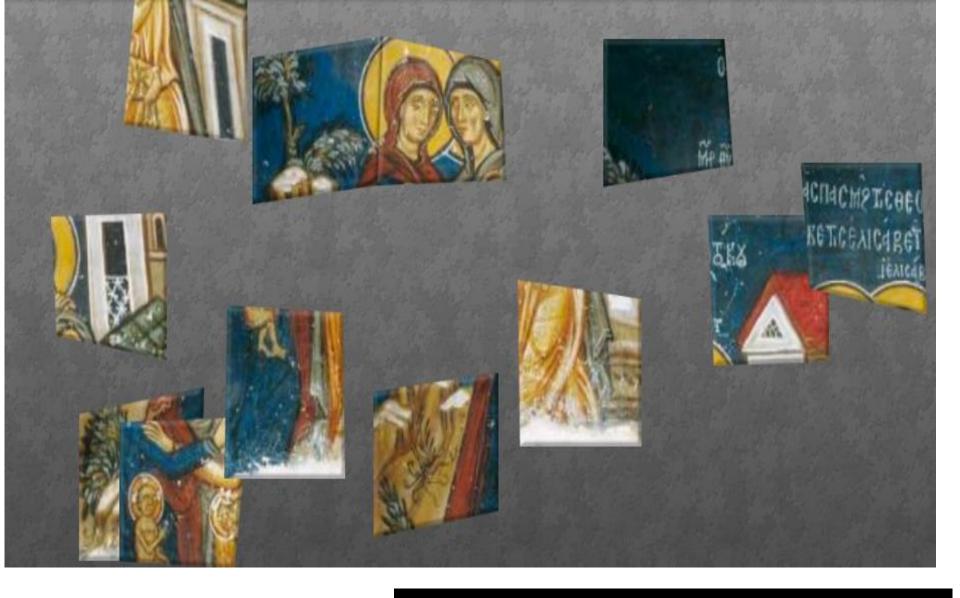






f(t) = Monument





Activities and Games:

HotSpot Images Puzzles









UNESCO CHAIR ON DIGITAL HERITAGE

MNEMOSYNE



Start: 1st of January 2018



- Establishment of a national Committee on DCH:
 - National coordination
 - Take over the tasks related to the CH digitalisation, archiving, presentation and preservation
 - Represent CY in all issues related to DCH
 - ME Regional Hub

