ITN-DCH www.itn-dch.eu

Initial Training Network for Digital Cultural Heritage

VASILIKI NIKOLAKOPOULOU, ESR12

PROJECT

New techniques for data storage and archiving of massive and complex amounts of 2D/3D/4D Cultural assets

Supervisor: Marinos Ioannides
Cyprus University of Technology (CUT)

OBJECTIVES

- Study and analysis of massive and complex amounts of multimedia 3D/4D data
- Study and analysis of data storage and archiving in multimedia digital libraries
- Development of Innovative methodologies for harvesting of massive and complex multimedia data sets in digital libraries taking into account object's semantic signatures
- Development of Innovative methodologies for reuse of such complex structures from digital libraries

ACADEMIC BACKGROUND

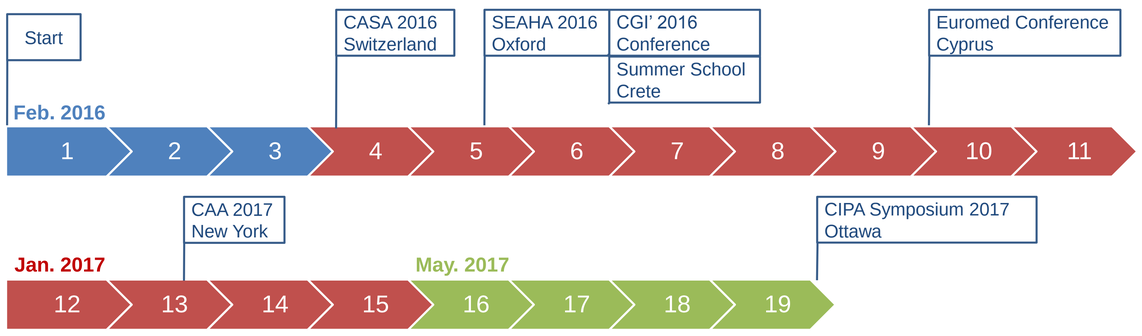
Master Degree in "Design of Interactive and Industrial Products and Systems"

Bachelor Degree in Mathematics
Specification in Computational Mathematics

TRAINING & WORKING BACKGROUND

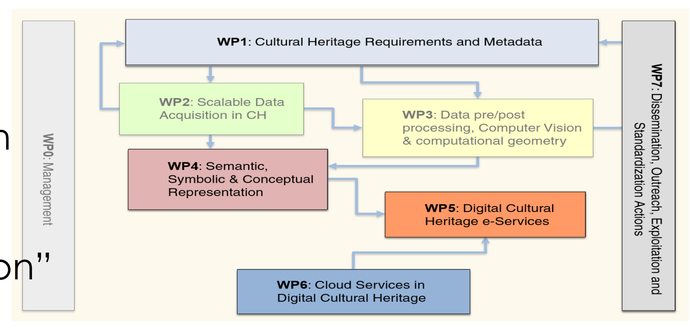
- *EU-funded "Open Academic Courses at the University of Athens": e-course developer*
- *EU-funded "Mascil (Mathematics and Science for life)" Research Project, Athens (voluntarily)*
- *Summer School: Advanced technologies in Product Design, Engineering and Manufacturing*

ITN-DCH TIMETABLE



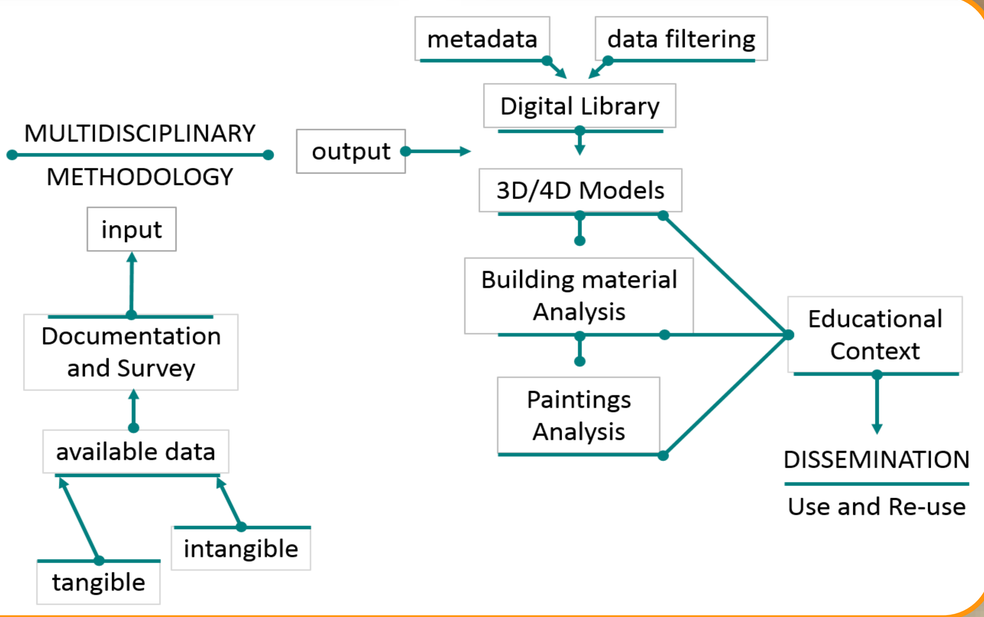
WORKING PACKAGES

- D7.1 "Dissemination Outreach plan"
- D7.4 "Final outreach and dissemination actions"
- D7.5 "Standardization"



Tasks and Methodology

- Review and evaluation of current methodologies in cooperation with Europeana
- Development and experimental implementation of the above algorithms
- Evaluation of implementation results



Results

- Innovative and automated methodologies for data storage and archiving of massive and complex amounts of 3d/4D cultural assets
- Implementation in Europeana and Memory of the world digital libraries

Home Country

Host Country

Host Organization

This project has received funding from the European Union's Seventh Framework Programme for research, technological development and demonstration under grand agreement no 608013.