



MANOLIS ALEXAKIS, ESR15

Computer Aided Cultural Heritage Protection and Documentation of Monuments

Material Science, Computer Vision and Information Technology

Non-Destructive Testing for Decay Diagnosis

- Infra-Red Thermography (IRT)
- Fiber Optical Microscope (FOM)
- Digital Image Processing (DIP)

3D Representation of Monuments and Decay

Integrated Information and Knowledge Management

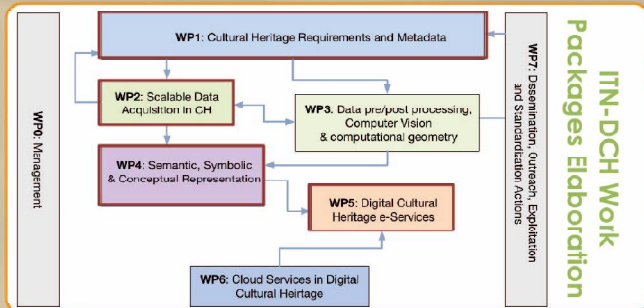


Educational Background

- Diploma in Applied Mathematical and Physical Sciences, National Technical University of Athens, Greece
- MSc In Sustainable Energy Technology, Delft University of Technology, Netherlands

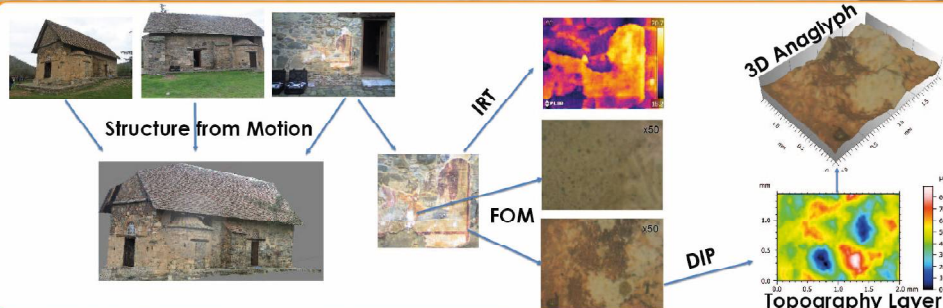
Work Experience

- Academic Assistant in the Reactor Institute of Delft, Netherlands
- Freelancer in Energy Companies from the Construction Sector, Brussels (Belgium), Heraklion of Crete (Greece)



Publications

- 8th National Conference of Non Destructive Testing 2015, Athens
- 6th Conference on Emerging Technologies in Non-Destructive Testing 2015, Brussels
- SEAHA 2015, London



Future Plans Objectives

Secondments:

- CNRS
- FORTH
- KAAK
- 7REASONS
- ARCTRON3D

Semantics and Metadata Integration (RDF Database)

Acquire my Doctorate



Home Country



Host Country



Host Organization

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School of Chemical Engineering,
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