



MANOLIS ALEXAKIS, ESR15

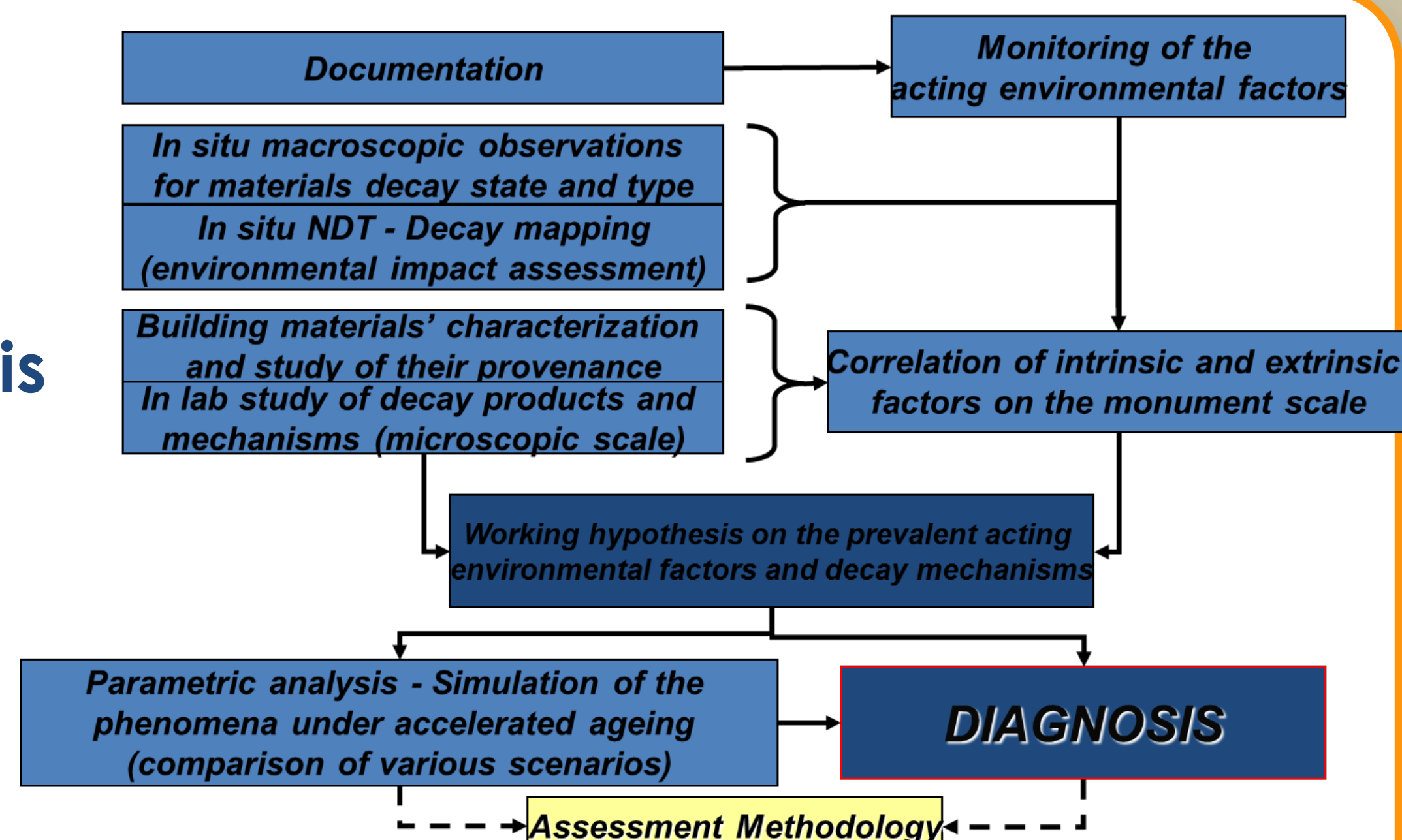
Computer Aided Cultural Heritage Protection and Documentation of Monuments

Non-Destructive Testing for Decay Diagnosis

- Infra-Red Thermography (IRT)
- Fiber Optical Microscope (FOM)

3D Reconstruction of Monuments

- Micro and Macro Scale
- Data Fusion



Integrated Diagnosis Methodology

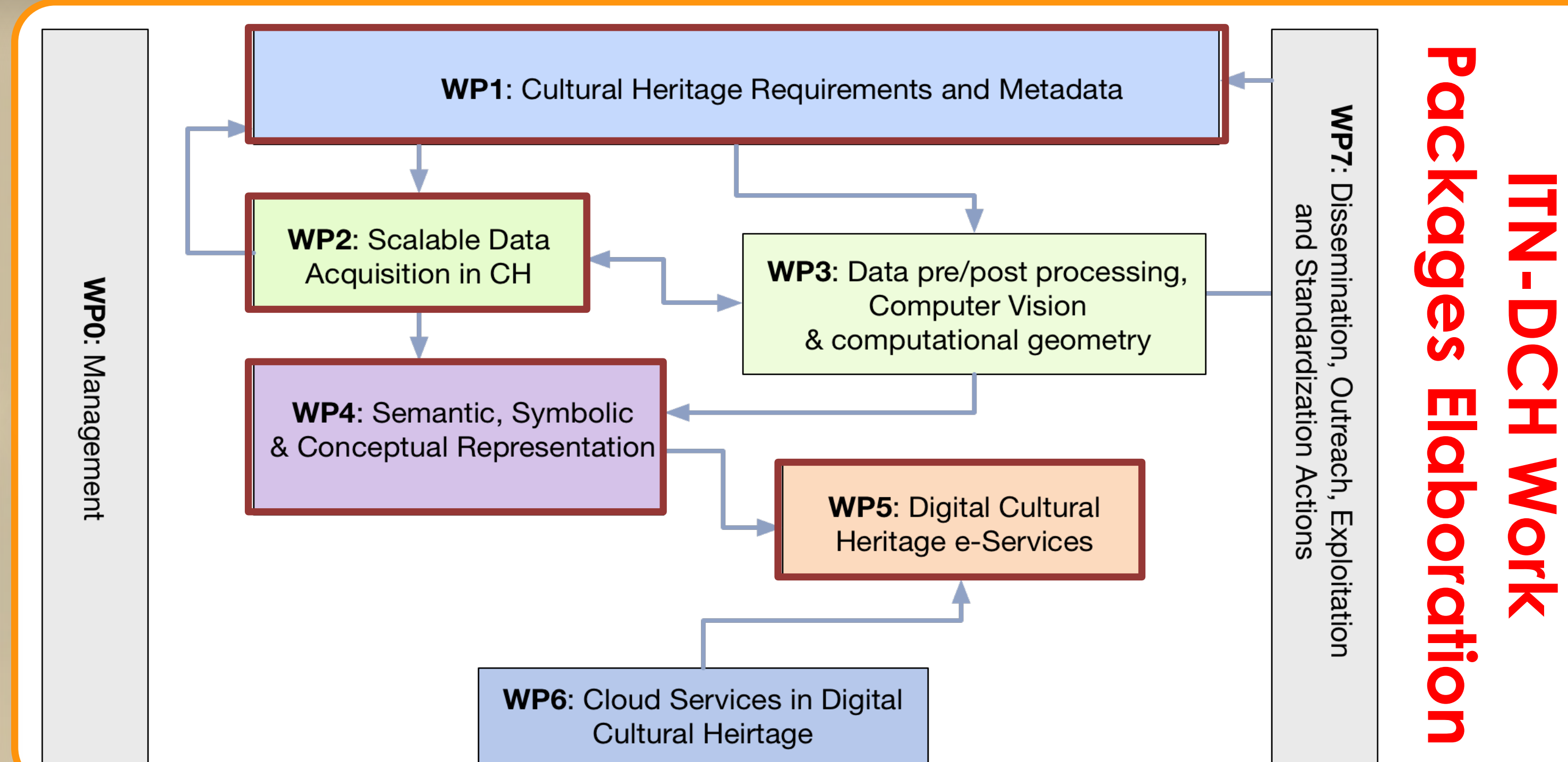


Educational Background

- 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, Crete (Greece)



ITN-DCH Work Packages Elaboration

Attended Events



Publications

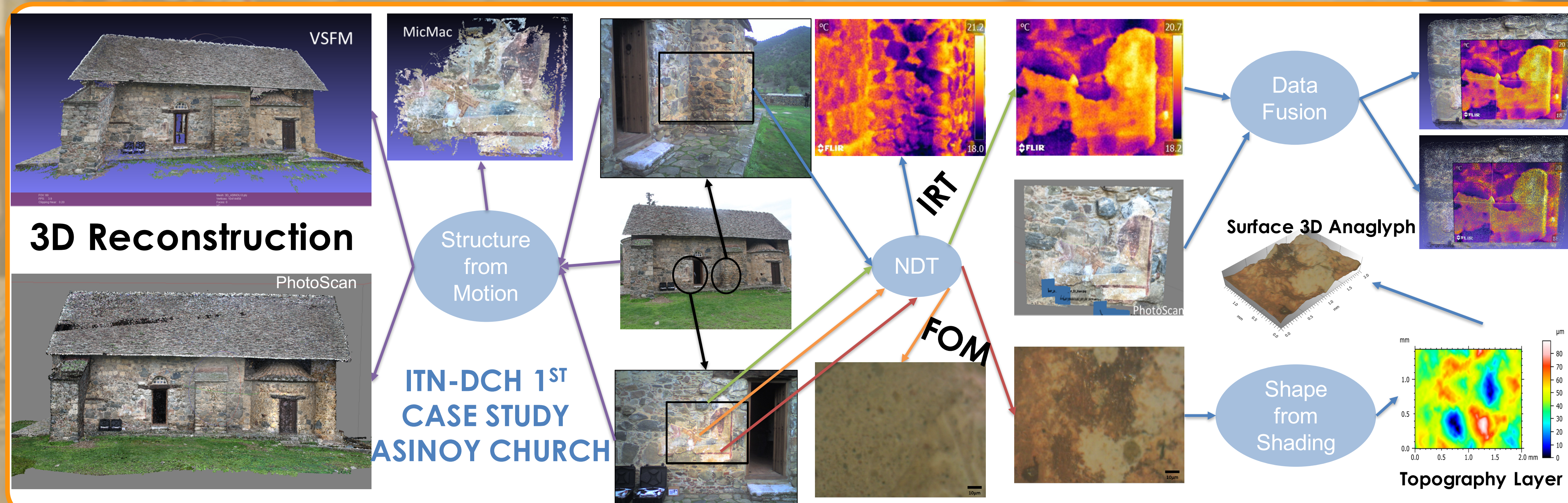
- 8th National Conference of Non Destructive Testing 2015, Athens
- 6th Conference on Emerging Technologies in Non-Destructive Testing 2015, Brussels
- SEAHA 2015, London
- THALES COMASUCH 2015, Athens

Secondments

- FORTH
 - Semantics and Metadata
 - RDF Database Systems
- CNRS
 - Geometric Documentation
 - Data Annotation
- University of Warwick
 - 3D Modelling

Long Term Objective

Acquire my Doctorate



Country of Origin



Host Country



Host Institution

Laboratory of Material Science and Engineering,
School of Chemical Engineering,
National Technical University of Athens
Heron Polytechniou 9
15780 Zografou Athens
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