



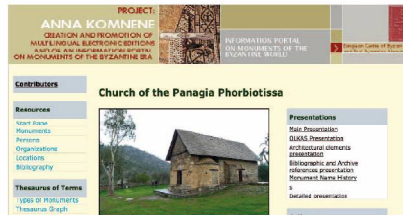
GEORGE BRUSEKER, ER1

Knowledge Representation and 3D CH Models

FORTH-Institute of Computer Science

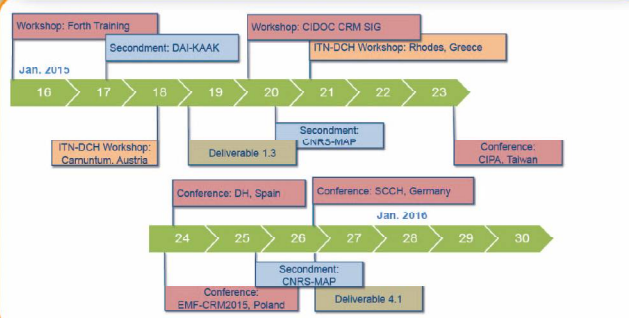
How can we adequately represent what we know, what we do not and what we suppose with regards to the complex history of built heritage by means of semantically enriched 3D and 4D representations?

- Knowledge Representation and Provenance
- CIDOC-CRM Ontology and Extensions
- Database and Semantic Web Technologies
- 3D Modeling for Cultural Heritage



Background

PhD Philosophy	University of Athens	2004-2011
Documentation Specialist	Qatar Museums Authority	2012-2014
IT Officer	British School at Athens	2006-2012



Secondments

DAI-KAAK
(Feb 12 – Mar 6, 2015)

2D and 3D Datasets with Integrated Argumentation

CNRS-MAP
(May 4 – 29, 2015)

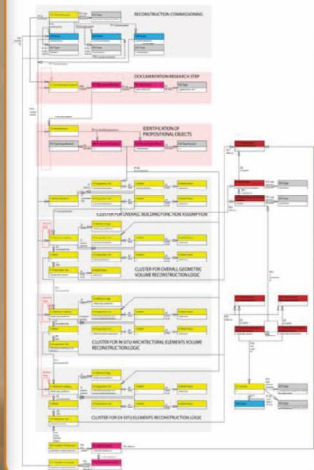
Semantic Structuring of Digital Representations, Information and Knowledge Visualization

UL
(Fall, 2015)

Materials Analysis
Argumentation and Monument History

K-Modeling

Virtual Reconstruction
Argumentation



Papers Proposed

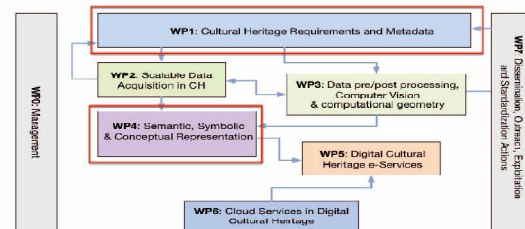
Semantically Documenting Virtual Reconstruction: Building a Path to Knowledge Provenance
CIPA 25th International Symposium, Taiwan (31/8-4/9/2015)

Workflows in Mapping Source Databases to CIDOC-CRM Using 3M Mapping Tool
EMF-CRM2015, Poland (17/9/2015)

Building an Argumentation Platform for 3D Digital Reconstruction using CIDOC-CRM and Drupal
Digital Heritage 2015, Spain (28/9-2/10/2015)

Reconstructing Iconographic Motifs and Themes in a Semantically Structured Argument Environment
Scientific Computing and Cultural Heritage 2015, Germany (23-25/11/2015)

Deliverables Participation



From



To



http://ics.forth.gr/

Host

