

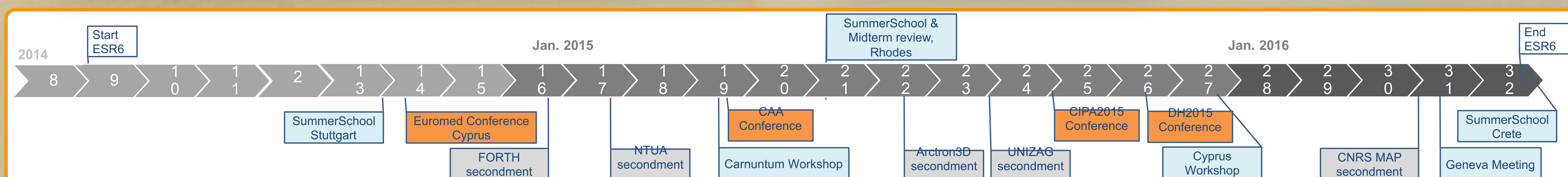
ANAIS GUILLEM, ESR6

Large Scale Spatio-Temporal Reconstruction

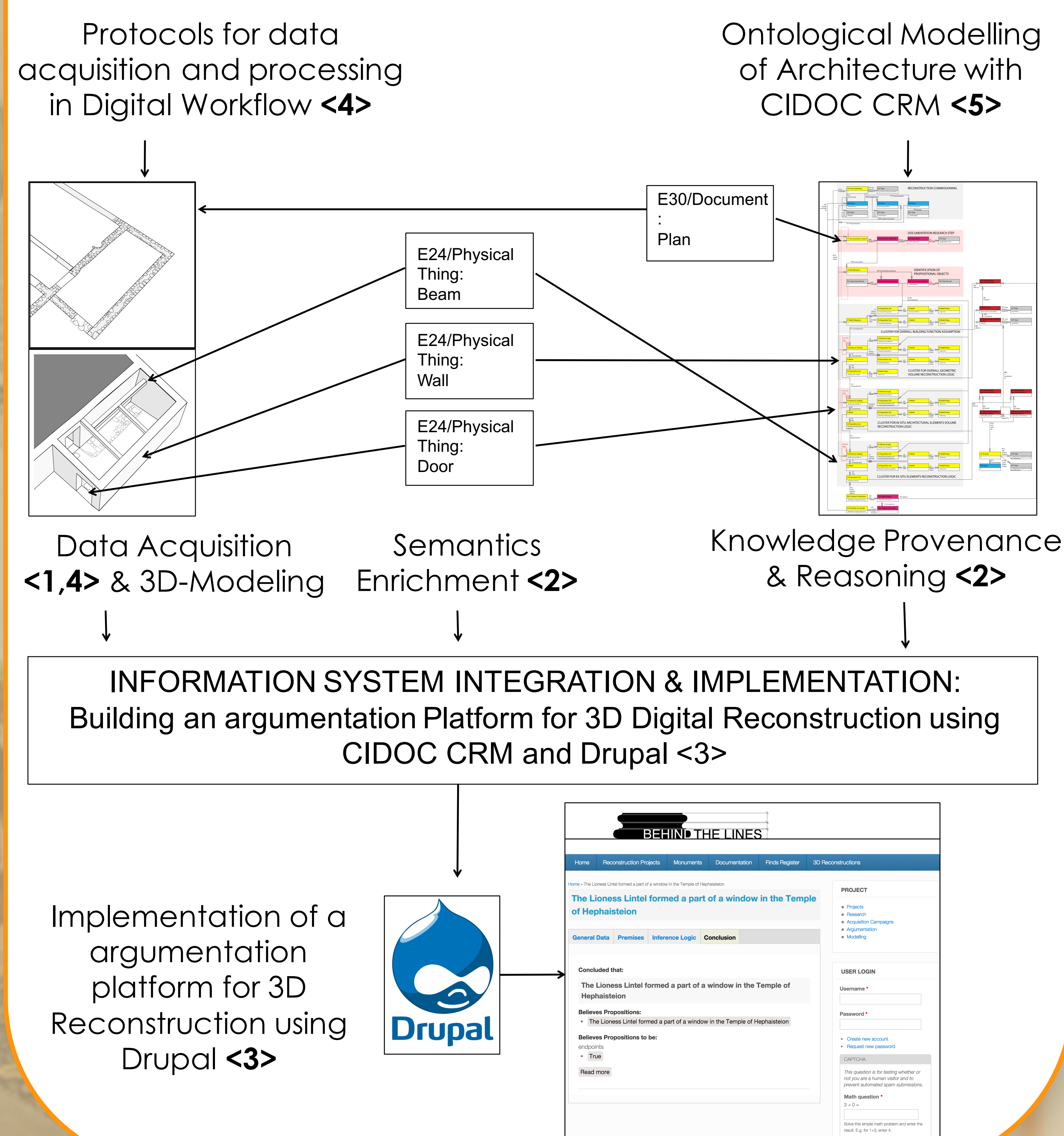
The topic of this fellowship deals with large-scale spatio-temporal reconstruction. More specifically, it aims at developing effective and efficient methods for data collection, processing and modeling for the purposes of understanding and following the processes of building evolution.

Anaïs Guillem

-Architect & Archaeologist;
-3D modeling and virtual reconstruction experience;
-Expertise in Digital Documentation of Architecture and Archaeology (CAD/BIM/GIS).



Data Modeling for Virtual Reconstruction



Papers

<1> CAA2015

-UNESCO heritage of prehistoric Pile-dwelling around the Alps, Monitoring of pile-dwelling near Ig, in the marsh of Ljubljansko Barje Park with photogrammetry and BIM approach.

<2> CIPA2015

-Semantically Documenting Virtual Reconstruction: Building a Path to Knowledge Provenance.

<3> DH2015

-Building an Argumentation Platform for 3D Digital Reconstruction using CIDOC-CRM and Drupal.

<4> ISPRS2016

-Data Provenance in Photogrammetry through Documentation Protocols.

<5> International Journal of Digital Library

-Process, Concept or Thing? Some Initial Considerations in the Ontological Modelling of Architecture.

Secondments

FORTH

-Knowledge representation training;
-CIDOC-CRM;
-Practical implementation of semantics and formal ontology.

NTUA

-Photogrammetry and its use in the reconstruction workflow.

Arcton3D

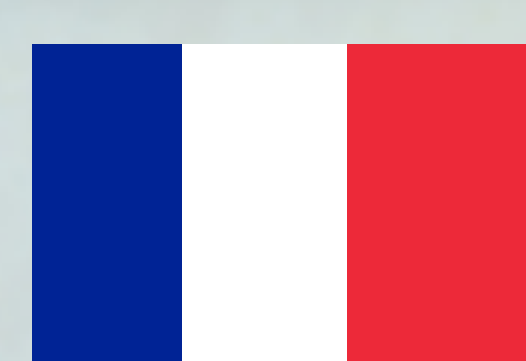
-Archaeological survey;
-Data acquisition in the field;
-Processing in the lab.

UNIZAG

-Data acquisition in museum;
-Dissemination event.

CNRS-MAP

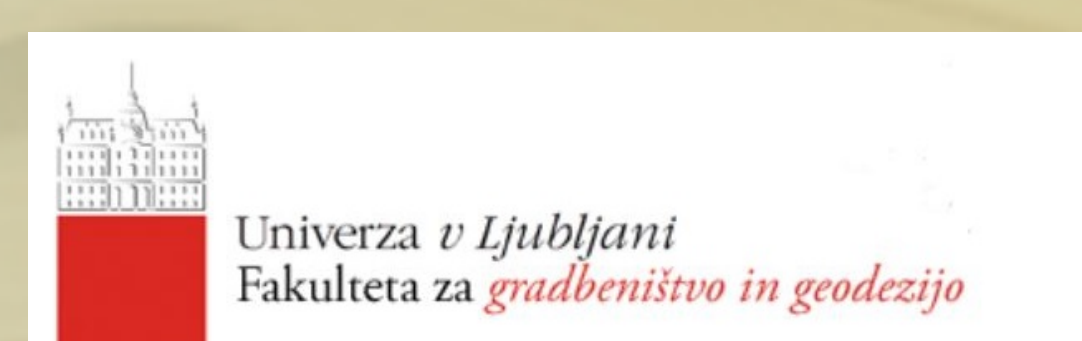
-Photogrammetry processing;
-Semantic enrichment and annotation.



Home Country



Host Country

www. <http://www3.fgg.uni-lj.si/en/>

Host Organization

