



MATEVZ DOMAJNKO, ESR7

IMAGE PROCESSING AND 3D RECONSTRUCTION

Summary of Career-Development Plan:

- 3D photogrammetric reconstruction techniques
- parallel processing and GPU technologies
- Multi-View stereo reconstruction algorithms
- 3D digitization technologies: Laser scanning, structured-light digitization
- 3D data acquisition – 3D modelling – 3D visualization



EDUCATIONAL BACKGROUND

- University Degree in Geodesy and Geoinformation, University of Ljubljana
- PhD student: 3D cartographic visualization

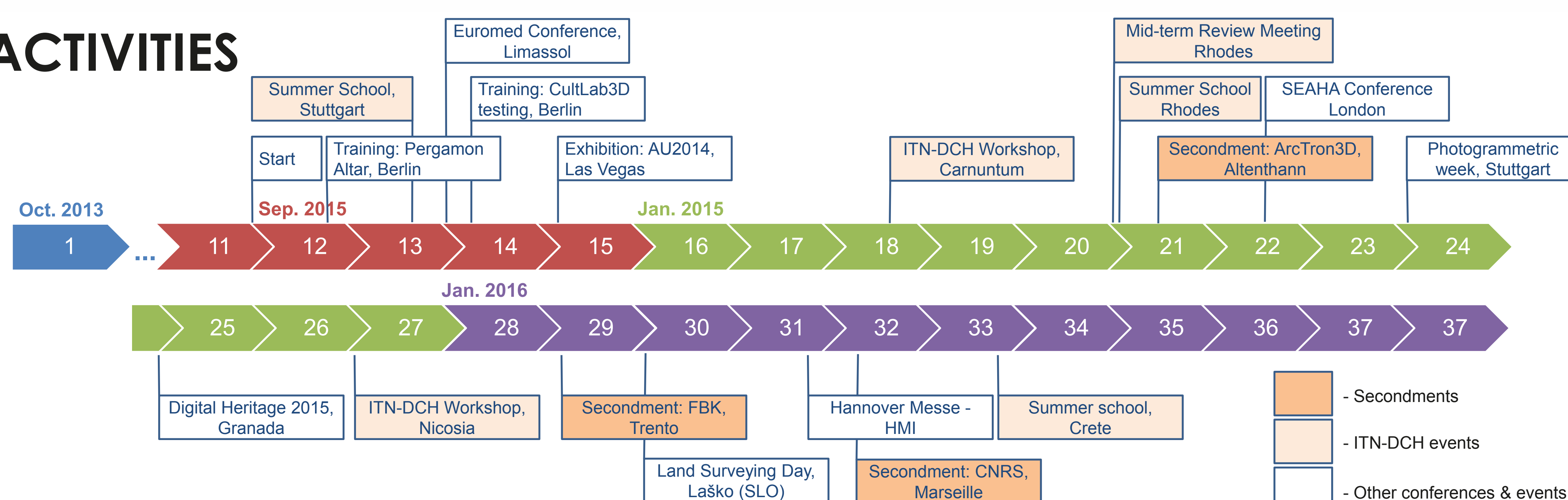
EXPERIENCES

- Project and teaching assistant
- Strong background in photogrammetry, GIS and 3D landscape visualization

Secondments

- ArcTron3D, Altenthann
- FBK, Trento
- CNRS, Marseille

ACTIVITIES



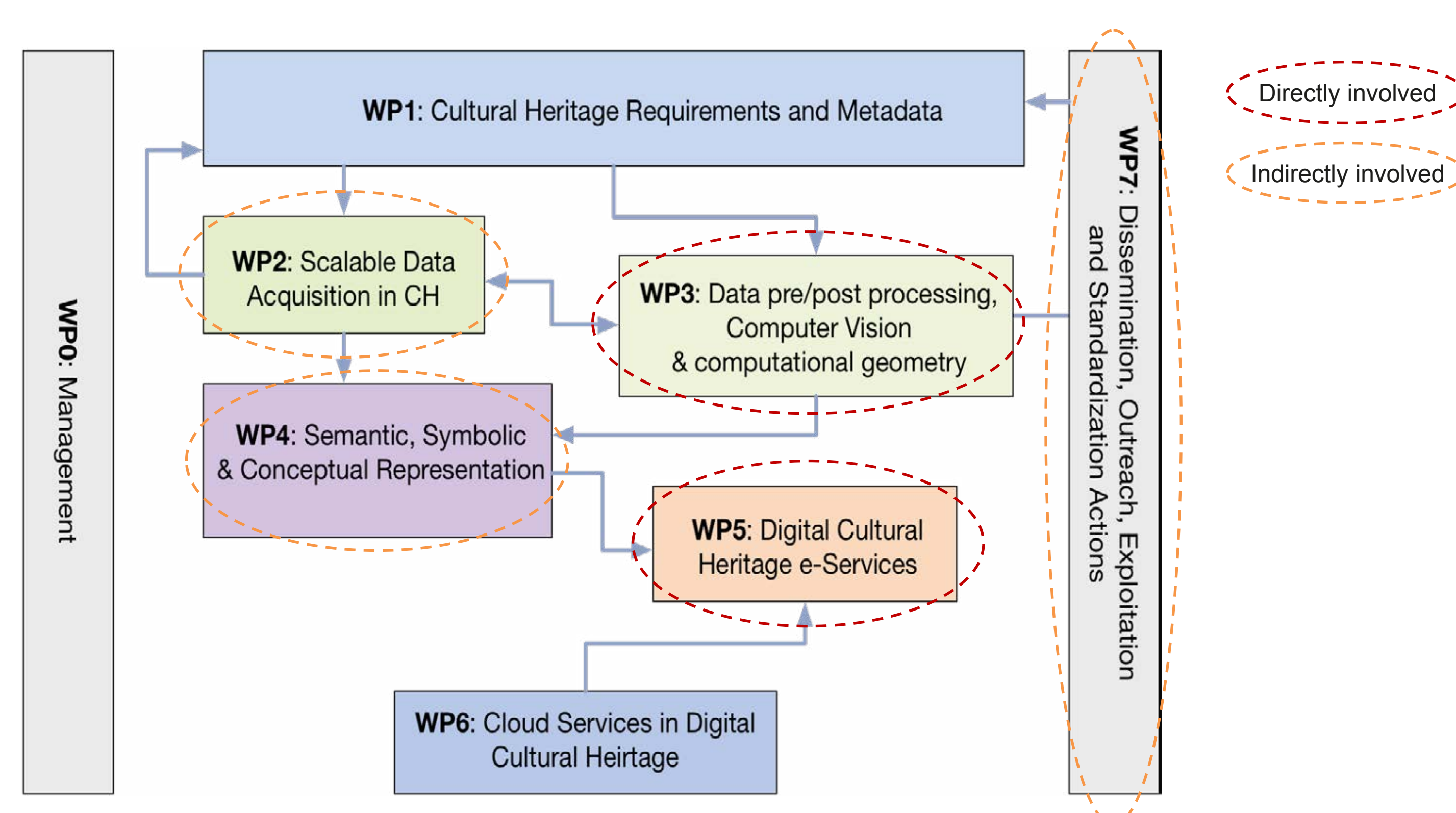
Publications

- SEAHA 2015 (London, UK)
- DH2015 (Granada, ES)

Upcoming

- ISPRS 2016 (Prague, CZ)
- Arqueologica (Valencia, ES)

PROJECT WORK PACKAGE INVOLVEMENT

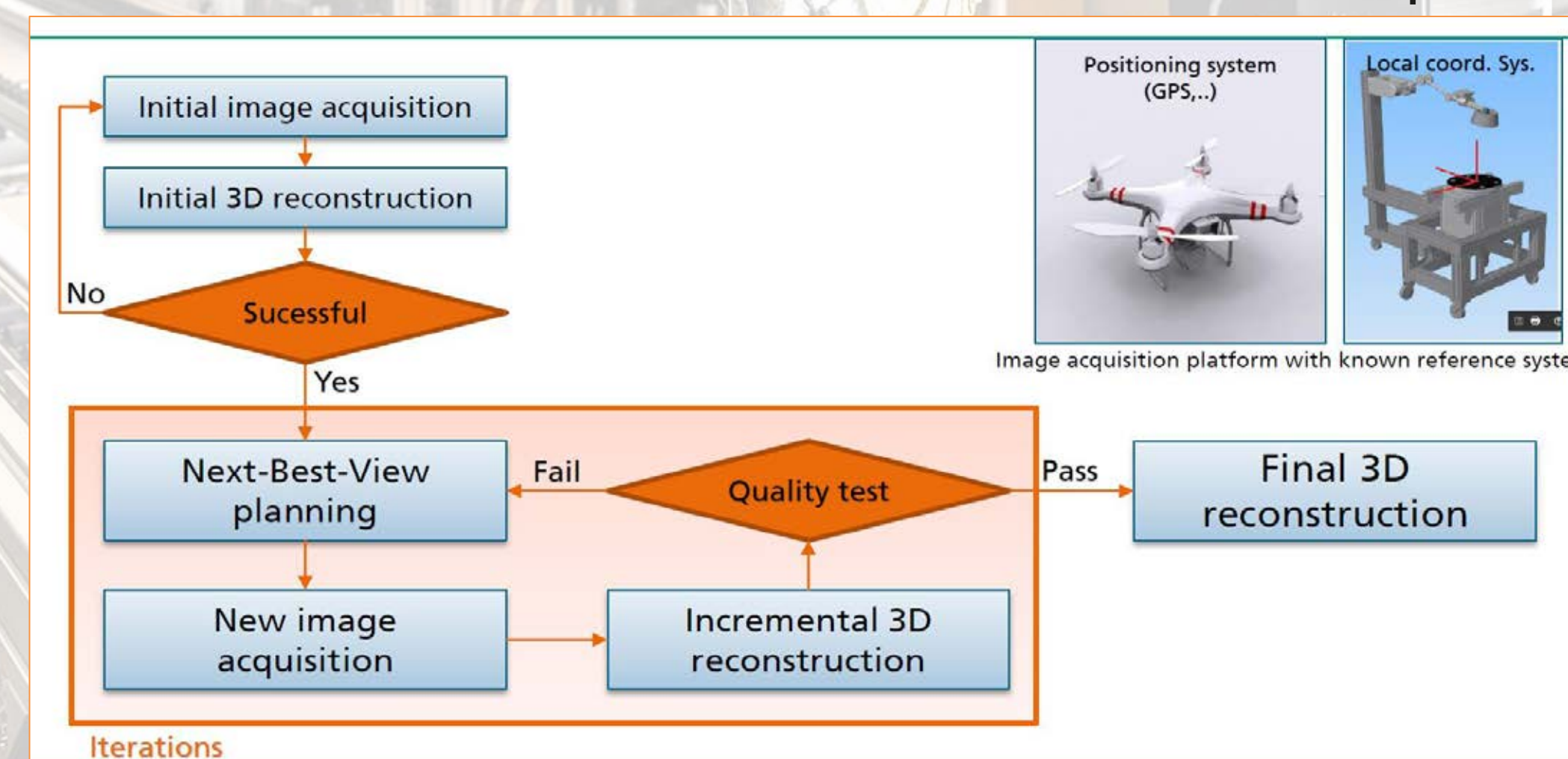


RESEARCH

Optimization of automatic 3D reconstruction pipeline



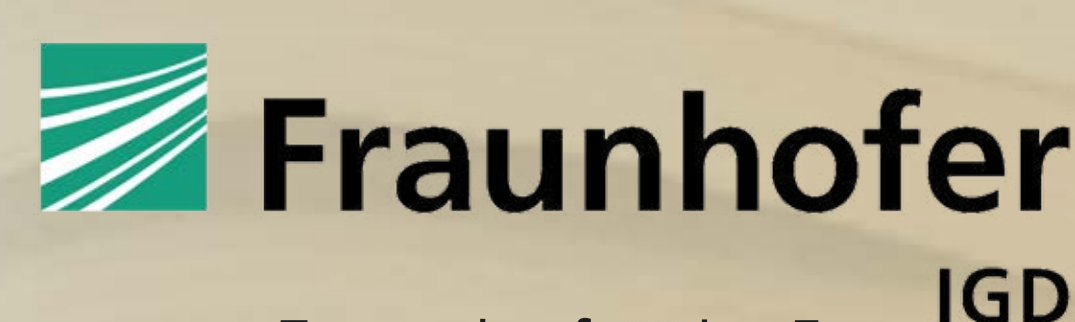
Incremental 3D reconstruction for Next-Best-View planning



Home Country



Host Country



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Host Organization



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