

MAGDA RAMOS CALLES, ESR2

Career Development Plan

Long-Term Objectives:

- Develop innovative data fusion methods and algorithms
- Exploit the intrinsic advantages of raw data, merging image and range information
- Realize cost-effective tools for cultural

heritage digitalization

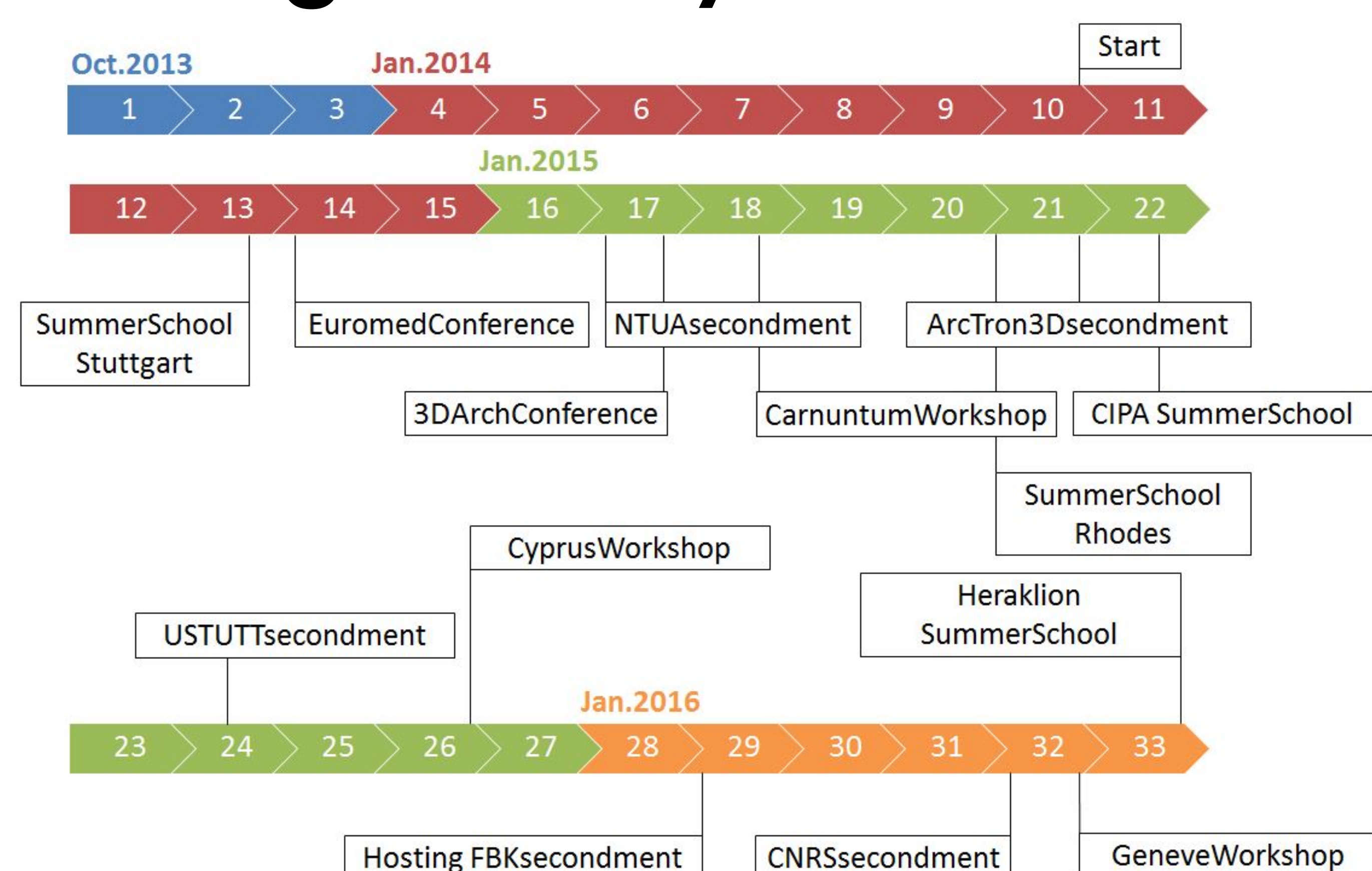
- Strengthen the integration of photogrammetric and computer vision techniques

Short-Term Objectives:

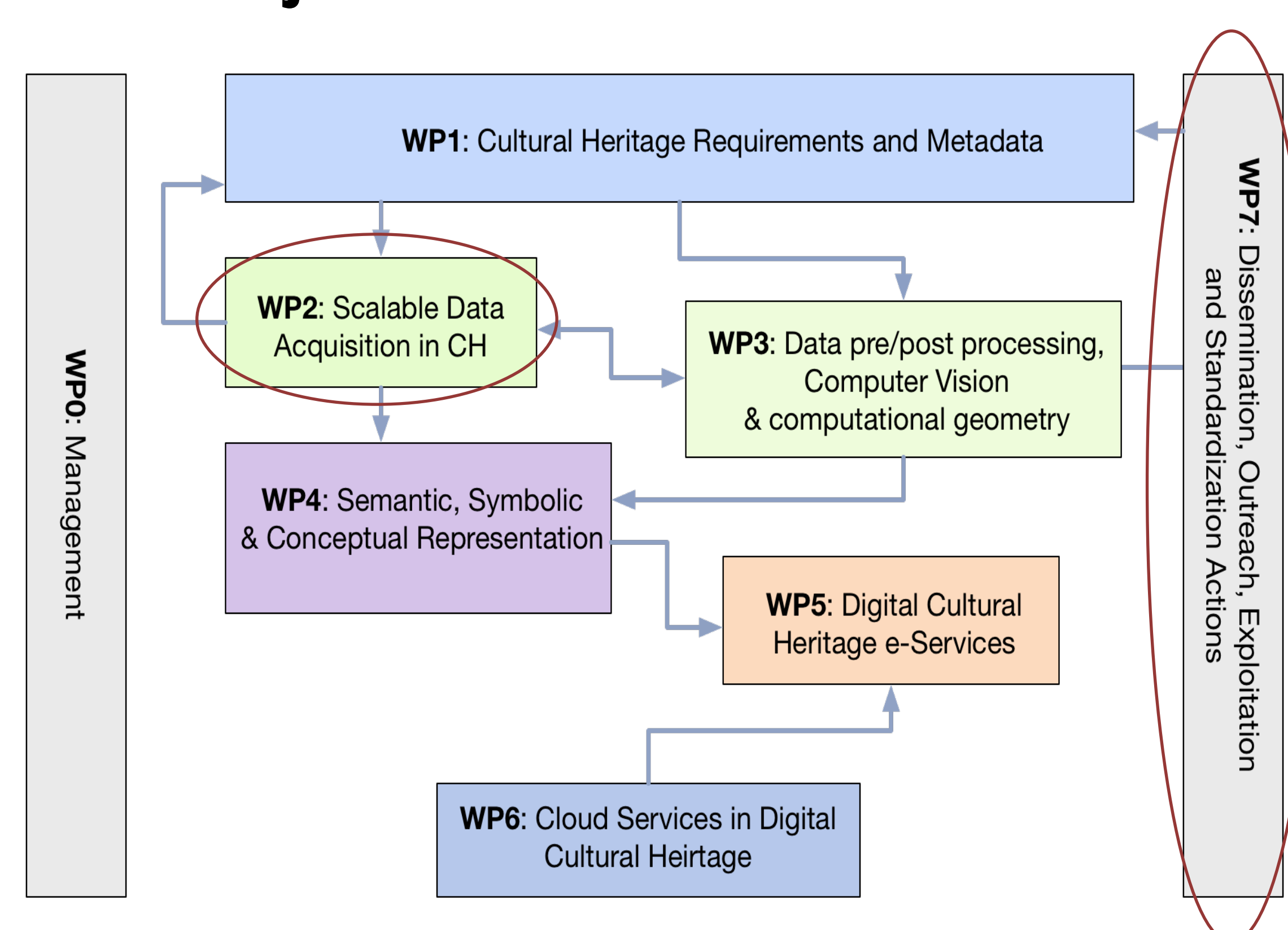
- Data fusion state-of-the-art
- Collaboration in projects related to fusion
- Training in specific new areas



Training Activity



ITN-DCH Project Involvement

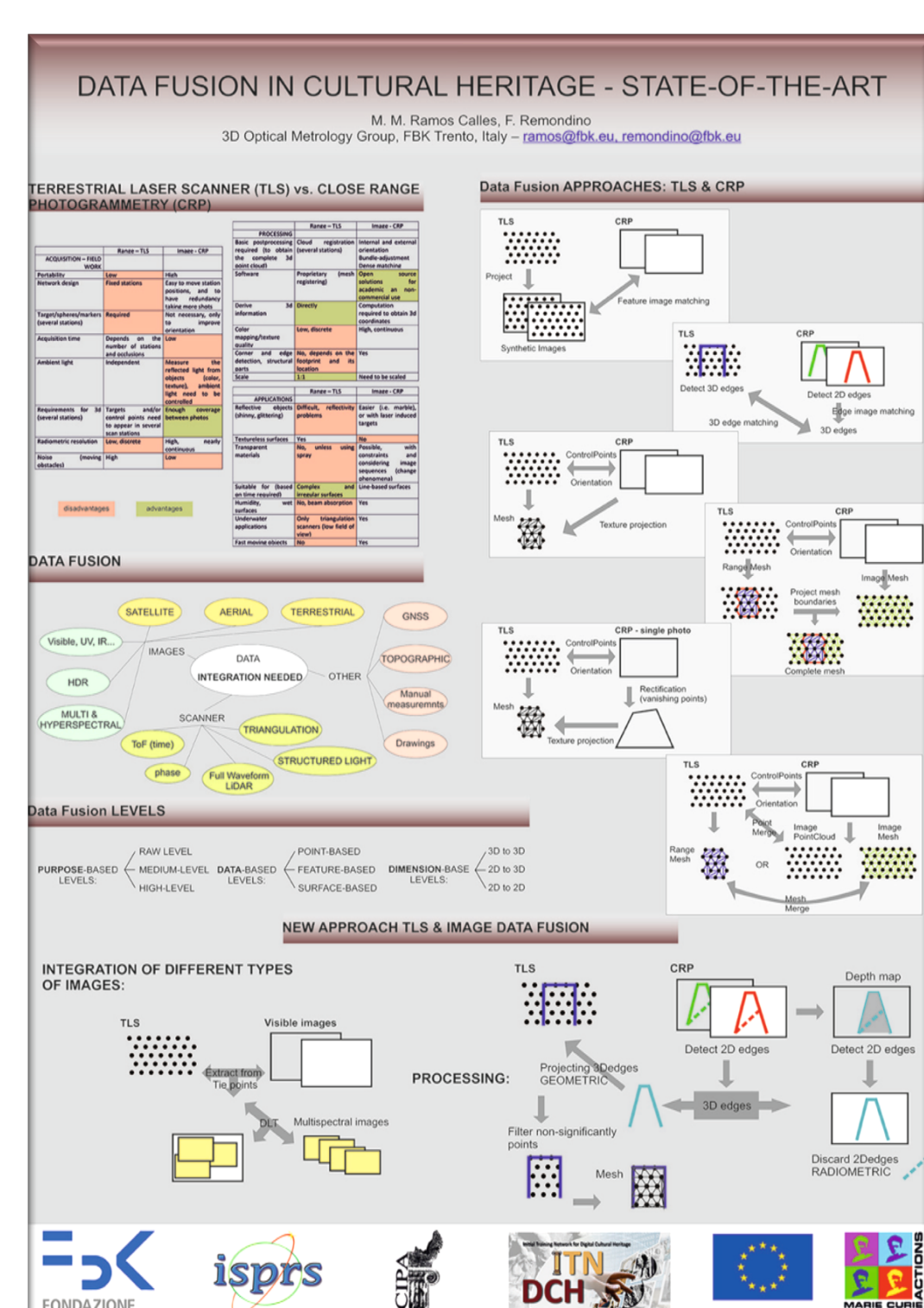


Contribution to: deliverables D 1.1, D 2.1, D 2.2, D 2.3, D 2.4, D 2.5 & D 7.3: successive reports for WP7. Report for WP2. Consortium Newsletters (3rd to 8th) & diffusion at the social media.

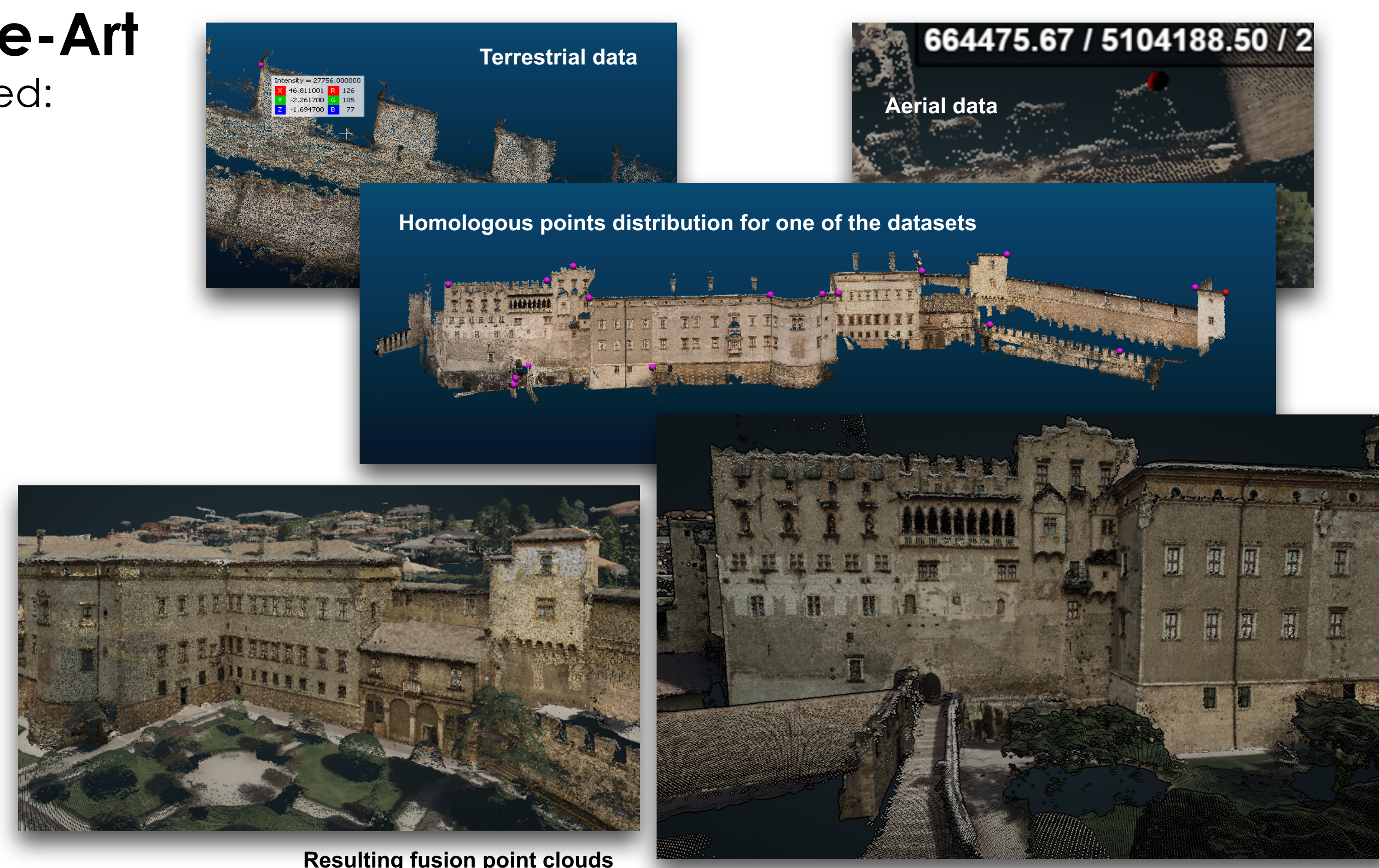
Research Activity

Data Fusion State-of-the-Art

Comparative range & image-based:



Data fusion case study:



Future Work & Publications

- Thermal Calibration & Registration
- Study the potential of depth images
- Strengthen pho & computer vision
- "Data Fusion in Cultural Heritage: A review", CIPA 25th International Symposium, August 31 – September 4, 2015, Taipei, Taiwan
- "Data Provenance in Photogrammetry through documentation protocols", XXIII ISPRS Congress
- "Complex 3D Heritage architectures accessible on the web", Archeologica 2.0 Congress



Home Country



Host Country



Host Organization

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