



MARLEEN DE KRAMER, ESR9

Education: BSc in Architecture, University of Wuppertal, Germany, 2009
MSc in Heritage Science, Queen's University Belfast, 2012

Previous Work:

2004-2009 - University of Wuppertal: Research assistant in Architectural History & Theory.

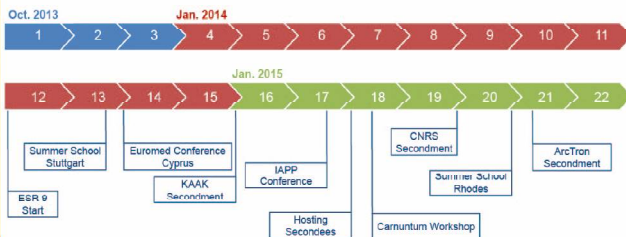
2010-2011 - National Trust: Heritage site manager, conservator and web editor.

2013-2014 - Northern Ireland Environment Agency: Conservation and heritage education.

2012 - 2014 - National Museums Northern Ireland: Living history interpretation.



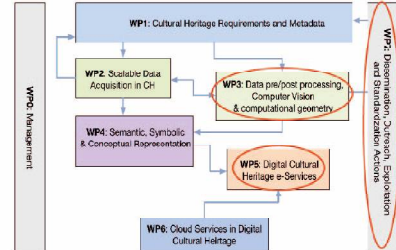
Timeline of Activities



Role of ESR 9

Interactive media production, real-time rendering, and perceptualisation.

Involved mainly in work Packages 3, 5, and 7.



Personal Career Development Plan

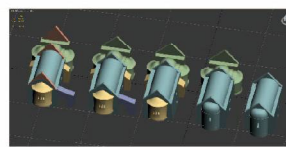
Modern information technology provides myriad ways to visualise heritage. They provide a valuable tool for research, allowing scientists to test different theories and better see spatiotemporal relations and proportion. However, they natively allow little room for vagueness, and care must be taken to clearly distinguish known facts from hypotheses.

As an ER, I will focus on this interface between art and science, finding new ways to combine techniques and technologies co-opted from film, computer gaming, and other new media with data acquired from traditional heritage research.

Asinou Church - Integrated 3D Viewer

The integrated viewer, developed by ITN-DCH fellows, is a proposal for a semantically enriched platform that will allow us to synthesise, manage, and disseminate the various forms of data that are acquired and produced during a research project.

It takes the form of a web-based 3D navigational interactive viewer with linked data in various formats including text, video, and a dedicated 3D point cloud viewer, as well as relevant metadata.



Carnuntum Workshop

7reasons organised and hosted the 2nd ITN-DCH workshop, which was held from 23rd - 26th March 2015 in Carnuntum, Austria. It served as an introduction to Carnuntum as a case study site, with contributions by local experts and project partners. The theme was "handling massive and complex datasets for multimedia information fusion and high resolution 2D / 3D / 4D surveys".

Secondments

KAAK 4 weeks, CNRS 4 weeks, ArcTron 5 weeks, FORTH 2 weeks, Warwick, Miralab

Next Steps

After I return from the summer secondments, I will continue work on the 3D viewer, transferring it to Case Study 2, Carnuntum. I will focus on the architectural and landscape reconstruction of the site.



Country of Origin



Native Country



Host Country



Host Organisation

www.7reasons.net



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