

CHNT Conference on Cultural Heritage and New Technologies



? to Reach and Unveil the Hidden Spirit of the Town

The Museums of the City of Vienna - Urban Archaeology - organize a conference series with the following topics:

2011 ? Prospection, Survey and Data Integration (proceedings available [here](#))

2012 ? Urban Archaeology and Excavation

2013 ? Correct Documentation

2014 ? Processing

2015 ? Public Relations

Programme of 2012 edition: http://www.stadtarchaeologie.at/?page_id=3109

Venue: Vienna City Hall ? Wappensaalgruppe (Coat of Arms Halls), Austria ? Vienna, Felderstraße 1, Feststiege II

During this wide event, a dedicated session about **3D Reconstruction before, while and after Excavation** took place on 6th and 7th November.

This session focused on best practice methods in 3D reconstruction of urban environments. Since 3D Reconstructions are usually done as post-excavation interpretation of excavated data, this session investigated the process of reconstruction to a larger time-frame. The following topics were the focus of debate:

- ? differentiating between archaeological evidence and reconstruction
- ? predicting areas of interests with reconstruction urban settlement patterns
- ? continued reconstruction while excavating
- ? updating and refining reconstructions with new evidence
- ? explaining the ideas, concepts and references used
- ? provide several plausible variations
- ? encode the level of ?certainty? of the reconstructions
- ? creating specific digital models to interpretate the various excavation phases
- ? providing a multimedia dissemination of the excavation process
- ? providing a multimedia dissemination of the reconstructions