

Facade Reconstruction: An Image-Based Interactive Approach

Przemyslaw Musialski,

Vienna University of Technology, Institute of Computer Graphics and Algorithms

Talk time: ca. 30 min

Abstract:

Modeling and reconstruction of urban environments is currently the subject of intensive research. In this talk I will present one specific subfield of urban reconstruction: interactive image-based facade reconstruction. In particular I will introduce insights into image-based interactive approaches which aim at the decomposition of facade imagery in order to generate well defined geometric models.

Short Bio:

Przemyslaw Musialski received the PhD degree in computer science in 2010 from the Vienna University of Technology and the MSc degree in media systems in 2007 from the Bauhaus University Weimar. From 2007 to 2011 he was with VRVis Research Center in Vienna. From 2011 to 2012 he was postdoc at the Arizona State University. Since 2012 he is postdoc at Vienna University of Technology conducting research in shape modeling and image processing.