Objectives of the Workshop

- To exchange information and advanced methodologies for the 3D modeling of complex objects and sites
- To bring scientists from photogrammetry, computer vision and computer graphics together in order to discuss recent developments and achievements
- To exchange information related to novel visualization and animation concepts and software

Scientific committee

- Peter Allen, Columbia Uni., USA
- J.-Angelo Beraldin, NRC, Canada
- Francois Blais, NRC, Canada
- Claus Brenner, Uni. Hannover, Germany
- Alan Chalmers, Uni. Bristol, UK
- Hirofumi Chikatsu, Tokyo Denki Uni., Japan
- Pierre Drap, CNRS, France
- John Fryer, Uni. Newcastle, Australia
- Armin Gruen, ETH-Zurich, Switzerland
- Norbert Haala, Uni Stuttgart, Germany
- Henrik Haggren, Helsinki Uni. of Tech., Finland
- George Karras, Uni. Athens, Greece
- Thomas Kersten, Hamburg Uni., Germany
- Takeshi Oishi, Uni. Tokyo, Japan
- Petros Patias, Aristoteles Uni., Greece
- Marc Pollefeys, UNC at Chapel Hill, USA
- Holly Rushmeier, Yale Uni., USA
- Roberto Scopigno, CNR, Pisa, Italy
- Vitor Sequeira, JRC, Italy
- Yutaka Takase, CAD Center Corp., Japan
- Frank van den Heuvel, CycloMedia Tech. B.V., Netherlands
- Antonio Vettore, Uni. Padova, Italy

3D-Arch'2007

3D Virtual Reconstruction and Visualization of Complex Architectures

July 12-13, 2007, ETH Zurich, Switzerland

http://www.3d-arch.org

Organized by:

ETH Eidgenössische Technische Hochschule Zürich Swiss Federal Institute of Technology Zurich

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Organizing Committee

Sabry El-Hakim, VIT-NRC, Ottawa, Canada
Fabio Remondino, IGP-ETH Zurich, Switzerland
Jan Bohm, IFP – Uni. Stuttgart, Germany
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Lorenzo Gonzo, ITC-IRST, Trento, Italy

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isprs information from imagery

ISPRS WGV/4 and WGV/2

CIPA Heritage Documentation

Topics

Main Focus: The process of creating virtual environments from multiple data sources

- Image-based 3D modeling of complex sites and architectures
- Laser scanning of large and complex objects
- Data registration and integration
- Automated modeling techniques for complex sites and architectures
- Accuracy requirement and assessment for 3D reconstruction
- Visualization issues for large and complex sites
- Applications in cultural heritage

Important dates

Please submit extended abstract for review

Deadline for abstract (500-1000 words)	February 15, 2007
Notification of acceptance	March 15, 2007
Deadline for full paper	May 1, 2007

See http://www.3d-arch.org for submission details.

Venue

The workshop will be held at ETH Honggerberg, a campus of the Swiss Federal Institute of Technology (ETH) Zurich. The workshop will also coincide with the 8th Conference on Optical 3-D Measurement Techniques which will be held at the same venue on 9-12 July, 2007 (http://www.photogrammetry.ethz.ch/optical3d)

More information and updates are at the Workshop web site:

http://www.3d-arch.org