3DPVT’06
CALL FOR PAPERS

3rd International Symposium 3DPVT’06
3D DATA PROCESSING, VISUALIZATION AND TRANSMISSION
University of North Carolina, Chapel Hill, USA, June 14–16, 2006

Conference Chairs
Marc Pollefeys,
University of North Carolina, USA
Kostas Daniilidis,
University of Pennsylvania, USA

Steering Committee
G. Cortelazzo,
University of Padova, Italy
C. Guerra,
University of Padova, Italy
Georgia Tech, USA
Y. Aloimonos,
University of Maryland, USA
G. Taubin,
Brown University, USA
A. Kak,
Purdue University, USA
J. Koenderink,
Utrecht University, Netherlands
P. Perona,
Caltech, USA
L. Van Gool,
University of Leuven, Belgium
ETH Zürich, Switzerland

The goal of this meeting is to present and discuss new research ideas and results related to the capture, representation, compact storage, transmission, processing, editing, optimization and visualization of 3D data. These topics span a number of research fields from applied mathematics, computer science, and engineering: computer vision, computer graphics, geometric modeling, signal and image processing, bioinformatics, and statistics.

This symposium follows the highly successful editions that took place in Padova, Italy, in 2002 and in Thessaloniki, Greece, 2004. We intend to publish the proceedings with the IEEE CS Press.

Scope of the Conference
A list of topics of interest includes but is not limited to:

- 3D scanning technologies and devices
- 3D photography algorithms
- 3D view registration and surface modeling
- Surface reflectance recovery and modeling
- Image-based rendering and modeling
- Multi-view image and geometry processing
- Compression, transmission and visualization of 3D data
- 3D Content-based retrieval and recognition
- Man/machine interaction with 3D data
- 3D printing and rapid prototyping
- Psychophysics of 3D sensing and haptics
- 3D teleimmersion and remote collaboration
- Augmented reality and virtual environments
- 3D television, games and entertainment
- Medical and biomedical applications
- Cultural heritage, archeology and forensic applications
- Urban modeling and terrain modeling

Important dates
February 28, 2006 Submission of full papers
June 14–16, 2006 Conference (week before CVPR)

More info
http://www.cs.unc.edu/Events/Conferences/3DPVT06/