



- Call for Papers -

13th International Fall Workshop
Vision, Modeling and Visualization 2008

October, 8-10, 2008

University of Konstanz, Germany

Vision, Modeling and Visualization are symbiotic disciplines. Although, they are different in terminology and formalism, they profit from the synergy of jointly encountered problems and jointly used technologies. Hot topics of the interdisciplinary research range from image-based modeling and rendering, future directions of photography, hardware graphics up to medical and information visualization.

The VMV annual workshop has a standing tradition of bringing together scientists from all three fields to share their results, experiences, and visions. During the past 12 years the international VMV workshops were successfully hosted by German Research Institutes. This year's workshop takes place in the picturesque southern region of Germany at Lake Constance (Bodensee). Conference venue is the University of Konstanz - which recently received the Award for Excellency.

The program will contain the presentation of contributed papers and posters, as well as invited talks by internationally renowned speakers. The workshop is conducted in cooperation with the PhD Program (Graduiertenkolleg) "Explorative Analysis and Visualization of Large Information Spaces".

Topics:

Paper submissions are invited to the following (non-exclusive) list of topics:

- Animation
- Computational Photography
- Geometric Modeling
- Hardware-accelerated Image Processing and Rendering
- HDR Imaging
- Human Perception and Error Measures
- Illumination and Reflectance Modeling
- Image and Video-based Rendering
- Large-scale Acquisition, Processing, and Visualization
- Medical Image Processing and Visualization
- Motion and Tracking
- Multi-view Image Processing and Coding
- Multi-sensor Fusion
- Object Localization and Recognition
- Realistic Rendering
- Shape Deformation
- Shape Representation
- Segmentation and Grouping
- Statistical Methods and Learning
- Structure from Motion and Stereo
- Texture Analysis and Synthesis
- Uncertainty Visualization
- Virtual and Augmented Reality
- Visualization of Time-varying and Multivariate Data
- Volume, Flow, Vector, and Tensor Visualization
- Volumetric Imaging
- Applications

Paper submission:

Prospective attendees are invited to submit a paper of up to 10 pages with color images in the conference style. All submissions will be double-blind reviewed. Accepted papers will be presented at the workshop and appear in the proceedings. Authors should obtain the author's package (including LaTeX style-file) from the conference web page (<http://www.inf.uni-konstanz.de/vmv>).

The author's package provides complete information concerning the submission process. All communication will be electronic. For submitting posters please send an extended abstract (up to 2 pages) describing the content of the poster.

Schedule:

July 7	Paper submission
August 8	Notification of acceptance
August 18	Final paper version
September 1	Poster abstract submission
September 5	Early registration ends
October 8-10	VMV 2008 Workshop

General Chairs:

Oliver Deussen, University of Konstanz
Dietmar Saupe, University of Konstanz
Daniel Keim, University of Konstanz

Organisation:

Hendrik Strobelt, University of Konstanz
Werner König, University of Konstanz

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