EUROVIS 2009

Jun 10 – 12, 2009
Berlin, Germany

www.eurovis.org

EuroVis 2009 is the 11th annual Visualization Symposium jointly organized by the Eurographics Working Group on Data Visualization and the IEEE Visualization and Graphics Technical Committee.

Papers accepted for EuroVis will be published in an issue of Computer Graphics Forum, the International Journal of the Eurographics Association, using a two-stage review process.

Venue

Eurovis 2009 will take place in the appealing Harnack House, an international meeting place for scientists, in Berlin-Dahlem. The Harnack House belongs to the Max-Planck-Gesellschaft and has been built by their predecessor, the Kaiser Wilhelm Society.

Important Dates

Abstracts are due November 28, 2008, and full papers are due December 5, 2008.

Contact

Symposium Co-Chairs: Hans-Christian Hege   hege[at]zib.de   Zuse Institute Berlin, Germany
                      Ingrid Hotz   hotz[at]zib.de   Zuse Institute Berlin, Germany
                      Tamara Munzner   tmm[at]cs.ubc.ca   University of British Columbia, Canada

Aims and Scope

Suggested topics for *research papers* include, but are not limited to:

- **Visualization Taxonomies and Models**

- **Spatial Data in Visualization –** scalar, vector and tensor fields, multi-field and multi-variate, multi-dimensional, multi-resolution, irregular and unstructured grids, geographic data, molecular data

- **Non-Spatial Data (Information Visualization)** graphs and trees, high-dimensional data, dimensionality reduction, ambient information, text and documents, time series data

- **Visualization Techniques –** metrical, geometrical, topological, pixel-oriented, point-based, volume-based, icon- and glyph-based, graph-based, feature-based, hierarchical, illustrative, view-dependent, focus + context, statistical graphics, animation

- **Interaction –** human-computer interaction, interaction design, zooming and navigation, linking + brushing, coordinated multiple views, data editing, manipulation and deformation

- **Visual Analytics, Visual Data Mining and Knowledge Discovery**

- **Large Data Visualization** – time-varying data, streams, compression, parallel and distributed, scalability, visualization over networks

- **Hardware for Visualization** – visualization hardware, hardware/GPU acceleration, volume hardware, display devices, haptics for visualization

- **General Topics –** visual design, cognition, perception, aesthetics, uncertainty, design studies, novel algorithms and mathematics, presentation/ production/dissemination, collaborative and distributed, mobile/ubiquitous, visualization systems, problem-solving environments, virtual environments, visualization for the masses, sonification

- **Evaluation and User Studies –** task and requirements analysis, metrics and benchmarks, qualitative evaluation, quantitative evaluation, laboratory studies, field studies, usability studies

We also encourage submission of *application papers* from different domains, e.g.

- **Physical Sciences and Engineering**
- **Earth, Space and Environmental Sciences**
- **Bioinformatics, Life Sciences, Medical Research and Applications**

- **Information Sciences**
- **Business and Finance**
- **Software Development**
- **Humanities, Social Sciences, Education**