



Las Vegas, Nevada, USA, September 26-28, 2011
7th International Symposium on Visual Computing (ISVC'11)

Special Track: Interactive Visualization in Novel and Heterogeneous Display Environments

Scope: Technical advances in display technology have led to new opportunities in many fields of application. This special track is dedicated to exploring the new possibilities that these technologies can bring to visual and interactive data exploration and analysis. There are a variety of new technologies available to be used for displaying information and for interacting with it in novel and innovative ways. We solicit submissions related (but not restricted) to visualization on novel displays (e.g., smart phones, tablets, large touch-sensitive surfaces) and in heterogeneous multi-display environments (e.g., ambient or smart environments). Submitted papers may analyze the technical or methodical challenges associated with such devices and environments, introduce new technical or algorithmic solutions to cope with these challenges, or present applications taking advantage of the new possibilities.

Topics:

- Data visualization on mobile devices
- Data visualization in multi-display environments
- Data visualization in heterogeneous display environments
- Data visualization on tabletops and surfaces
- Adaptation strategies
- Distributed visualization
- Novel display environments for visualization
- Novel interaction techniques for visualization
- Novel domains for visualization
- Novel applications for visualization
- Human factors of visualization in heterogeneous display environments

Organizers:

- René Rosenbaum, University of California, Davis, USA
- Christian Tominski, University of Rostock, Germany

Committee:

- Petra Isenberg, INRIA, France
- Tobias Isenberg, University of Groningen, The Netherlands and CNRS/INRIA, France
- Andreas Kerren, Linnaeus University, Sweden
- Aditi Majumder, University of California, Irvine, USA
- Aaron Quigley, University of St Andrews, UK
- Heidrun Schumann, University of Rostock, Germany
- Mike Sips, GFZ Potsdam, Germany
- Pavel Slavik, Czech Technical University in Prague, Czech Republic
- Daniel Weiskopf, University of Stuttgart, Germany

Paper Submission:

Papers submitted to ISVC 2011 Special Track must not have been previously published and must not be currently under consideration for publication elsewhere. Manuscripts should be submitted in camera-ready format and should not exceed **12 pages**, including figures and tables (see <http://www.isvc.net> for details). All papers accepted will appear in the symposium proceedings which will be published by **Springer-Verlag** in the **Lecture Notes in Computer Science (LNCS)** series.

**Important Dates:**

- 2011, May 20 Paper submissions due
- 2011, June 27 Notification of acceptance
- 2011, July 15 Final camera ready papers due

- 2011, July 15 Advance registration (required for authors)
- 2011, August 24 Early registration and hotel reservation deadline

- 2011, September 26-28, ISVC Symposium

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