ACM Symposium on SOFTWARE VISUALIZATION

FCRC 2003

http://www.softvis.org

SAN DIEGO

**June 11-13, 2003
San Diego, USA**

Sponsored by:
ACM SIGCHI, SIGGRAPH,
SIGPLAN and SIGSOFT,
and in cooperation with ACM
SIGCSE.

Deadlines

Paper submission:
December 16, 2002

Tutorial submission:
January 15, 2003

Notification of acceptance:
January 27, 2003

Final papers due:
March 3, 2003

Software visualization encompasses the development and evaluation of methods for graphically representing different aspects of software, including its structure, its abstract and concrete execution, and its evolution. The goal of this symposium is to provide a forum for researchers from different backgrounds (HCI, software engineering, programming languages, visualization, computer science education) to discuss and present original research on software visualization.

SoftVis '03 is the first meeting in a planned series of biennial conferences. Our objective is to make the SoftVis series the premier venue for presenting all types of research on software visualization.

Papers
We seek theoretical as well as practical papers on applications, techniques, tools and case studies. Topics of interest include, but are not restricted to, the following:

- Visualization of algorithms, including numerical, geometric, genetic, distributed and graph algorithms
- Program visualization
- Protocol and log visualization (security, trust)
- Visualization of parallel programs
- Visualization in software engineering, e.g. UML diagrams
- Visualization of the software development process
- Visualization of data and processes in applications
- Educational software in computer science, in particular visualization of computational models
- Graph drawing algorithm for software visualization
- Visualization of data base schemes
- Visual debugging
- 3D software visualization
- Software visualization on the internet
- Program analyses and visualization
- Integration of software visualization tools and development environments
- Empirical evaluation of software visualization system effectiveness

Papers should represent original, unpublished results and will be rigorously reviewed by the international Program Committee. Papers must be in standard ACM 2-column format and cannot exceed 10 pages in total length. Authors should prepare and electronically submit a PDF version of their paper. Videos not exceeding 5 minutes in length can accompany a paper submission. Papers are due December 16, 2002. Further details on precise submission guidelines will be forthcoming.

Tutorials
A set of tutorials will immediately precede the main conference. Tutorial proposals of no more than 1 or 2 pages (for 90-minute or 3-hour tutorials) should be submitted to the program chair by January 15, 2003. Include the proposed title, brief description of material, intended audience, assumed background of attendees, and the name, affiliation, contact information (e-mail and phone), and brief biography of speaker(s). An electronic PDF submission is preferred.

Venue
SoftVis '03 is affiliated with the ACM Federated Computing Research Conference, a collection of symposia occurring June 7-14 in San Diego, CA. For more details on registration, hotel and travel information, please see the FCRC 2003 web pages www.acm.org/fcrc.

Student Travel
The SIGSOFT Conference Attendance Program for Students (CAPS) and the SIGPLAN Professional Activities Committee (PAC) provide financial support to students, enabling them to attend sponsored conferences.

More Information
For more information and questions about the SoftVis '03 Symposium, please send email to diehl@cs.uni-sb.de and stasko@cc.gatech.edu

Symposium Organizers

General Chair
  Stephan Diehl, Saarland University, Saarbrücken, Germany
Program Chair
  John T. Stasko, Georgia Institute of Technology, Atlanta, USA
Treasurer
  Christopher D. Hundhausen, University of Hawai'i, Honolulu, USA

Program Committee
  Margaret Burnett, Oregon State University, USA
  Wim De Pauw, IBM Research, USA
  John Domingue, Open University, UK
  Steve Eick, Visintuit, USA
  Hideki Koike, University of Electro-Communications, Tokyo, Japan
  Eileen Kraemer, The University of Georgia, USA
  Hans Hagen, University Kaiserslautern, Germany
  John Hosking, University of Auckland, New Zealand
  Malcolm Munro, University of Durham, UK
  Petra Mutzel, Vienna University of Technology, Austria
  David Notkin, University of Washington, USA
  Tom Naps, University of Wisconsin-OshKosh, USA
  Marian Petre, Open University, UK
  Steve Reiss, Brown University, USA
  Margaret-Anne Storey, University of Victoria, Canada
  Erkki Sutinen, University of Joensuu, Finland
  Ayellet Tal, Technion, Israel Institute of Technology, Israel
  Reinhard Wilhelm, University of Saarland, Germany
  Andreas Zeller, University of Saarland, Germany