ACM Symposium on
SOFTWARE ⬈ VISUALIZATION

http://www.softvis.org

CALL FOR PAPERS

ACM Symposium on Software Visualization
October 25-26, 2010, Salt Lake City, Utah, USA

Collocated with IEEE VisWeek'10
http://www.softvis.org/softvis10

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 ACM Symposium on Software Visualization (SOFTVIS), now at its fifth edition, is the premiere forum for researchers from different backgrounds (HCI, software engineering, programming languages, visualization, and computer science education) to present original research on software visualization.

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

- Visualization of algorithms
- Program visualization
- Visualization in software engineering
- Visualization of parallel programs
- Visualization-based software in computer science and software engineering education
- Visualization of workflow and business processes
- Integration of software visualization tools and development environments
- Visualization of data and processes in applications
- Visualization of web services

- Visualization of software evolution
- Visualization of the software development process
- Visualization of data base schemes
- Protocol and log visualization (security, trust)
- Source code visualization
- Graph drawing algorithms for software visualization
- Visual debugging
- Program analyses and visualization
- 3D software visualization
- Software visualization on the internet
- Empirical evaluation of software visualization

Papers are solicited that present original, unpublished research results and will be rigorously reviewed by an international program committee. Authors should prepare and electronically submit their papers (up to 10 pages in standard ACM 2-column format) according to the instructions on the symposium website (http://www.softvis.org/softvis10). The submission of a video (up to 5 minutes in length) to accompany the paper is encouraged.

Accepted papers will appear in the conference proceedings and the ACM Digital Library. Selected papers will be invited to submit an extended version to a special issue on Software Visualization in the Information Visualization journal. As in the previous SOFTVIS editions, we will award a best paper.

In addition to technical papers, we are also inviting poster and tool demo submissions. Posters and tool demos offer the opportunity to present new ideas and work in progress during an interactive session. Authors should prepare and submit poster and tool demo abstracts of up to 2 pages in standard ACM 2-column format. Accepted abstracts will be included in the conference proceedings.

Organization:

		Important Dates:	
General Chair	Alexandru Telea (University of Groningen, Netherlands)	**Papers Due**	April 30, 2010
		Notification	June 30, 2010
Program Co-chairs	Carsten Görg (Georgia Institute of Technology, USA)	**Posters/Tool Demos Due**	July 14, 2010
	Steven Reiss (Brown University, USA)	**Symposium**	October 25-26, 2010