ACM Symposium on
SOFTWARE VISUALIZATION

http://www.softvis.org

CALL FOR PAPERS

SOFTVIS 06

**September 4-5, 2006
Brighton, UK**

Sponsorship pending:
Previous SOFTVIS conferences have been sponsored by ACM SIGCHI, SIGGRAPH, SIGPLAN and SIGSOFT, and in cooperation with ACM SIGCSE.

Deadlines

Paper submission:
April 7, 2006

Notification of acceptance:
June 12, 2006

Final papers due:
July 7, 2006

Symposium Organizers
General Chair:
Eileen Kraemer, The University of Georgia, USA
Program Co-Chairs:
Margaret Burnett, Oregon State University, USA
Stephan Diehl, Catholic University Eichstaett, Germany

Program Committee:
see web page at www.softvis.org

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.

Over the years SOFTIVS has become the premier venue for presenting all types of research on software visualization. After SOFTVIS03 in San Diego, and SOFTVIS05 in St. Louis, the third iteration of this conference series will be co-located with the IEEE Symposium on Visual Languages and Human-Centric Computing and with the Psychology of Programmers Interest Group (PPIG) Workshop in Brighton, UK.

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
- Visualization in software engineering, e.g. UML diagrams
- Visualization-based software in computer science and software engineering education
- Integration of software visualization tools and development environments
- Program visualization
- Protocol and log visualization (security, trust)
- Visualization of parallel programs
- Visualization of the software development process
- Visualization of data and processes in applications
- Graph drawing algorithms for software visualization
- Visualization of data base schemes
- Visual debugging
- 3D software visualization
- Software visualization on the internet
- Program analyses and visualization
- Empirical evaluation of software visualization system effectiveness
- Visualization of Web Services
- Visualization of workflow and business processes

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 **April 7, 2006**. More details on the submission process will be published in time on the SOFTVIS06 web site at www.softvis.org