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 '05 is the second meeting in a planned series of biennial conferences. Our objective is to continue 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 and distributed 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Papers should represent original, unpublished results and will be rigorously reviewed by the international Program Committee.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 December 1, 2004. Further details on precise submission guidelines are available on the conference Web page at http://www.softvis.org/softvis05.

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