



# Call for Submissions - Research Papers

## 27<sup>th</sup> International Conference on Software Engineering

St Louis, Missouri, USA, 15-21 May 2005  
<http://www.icse-conferences.org/2005/>

Sponsored by ACM SIGSOFT and IEEE Computer Society-TCSE

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ICSE is the premier forum for researchers, practitioners and educators to present and discuss the most recent ideas, innovations, trends, experiences, and concerns in the field of software engineering.

**Software Everywhere** is the theme of ICSE 2005, acknowledging the increasingly vital role software plays in our society through the technology that sustains it. The theme also highlights the growing responsibility our profession and its members are expected to assume. As such, an important goal of this meeting will be to reach out to other disciplines that have an impact upon or benefit from software engineering know-how.

**High Quality Research Submissions** are invited for technical papers describing original unpublished results of theoretical, empirical, conceptual, and experimental work. Topics of interest include, but are not limited to:

- Software requirements engineering
- Software architectures and design
- Software components and reuse
- Software testing and analysis
- Theory and formal methods
- Computer supported cooperative work
- Human-Computer Interaction
- Software processes and workflows
- Software security
- Software safety and reliability
- Reverse engineering and software maintenance
- Software economics
- Empirical software engineering and metrics
- Aspect-orientation and feature interaction
- Distribution and parallelism
- Software tools and development environments
- Software policy and ethics
- Programming languages
- Object-oriented techniques
- AI and Knowledge based software engineering
- Mobile and ubiquitous computing
- Embedded and real-time software
- Internet and information systems development

**How to submit.** Papers must be submitted electronically through the conference web site. Your paper must conform to the [proceedings publication format](http://www.computer.org/cspress/instruct.htm) described at <http://www.computer.org/cspress/instruct.htm> and be no longer than ten pages with main text in 10 point font, including all text, references, appendices, and figures. Templates are available at the conference web site. Your submissions should be in PDF format. The results described must not be under consideration for publication elsewhere.

**Lasting impact** on our profession and the society at large is the overarching goal that shaped the program for ICSE 2005. Format changes, novel initiatives, exceedingly high expectations, an exceptionally talented team, and an unprecedented level of support by the local corporate community are some of the ingredients bound to facilitate a fertile exchange of ideas and experiences likely to affect the professional life of each participant. The conference will offer an exciting program of events, including keynote talks by leaders in the field, invited talks along specialized themes, tutorials, workshops, and technical paper presentations on innovative research, the cutting edge of practice, and new developments in software engineering education.

**Other opportunities for professional engagement** include, in addition to the research track: workshops, tutorials, research demonstrations, exhibits, and paper presentations in the areas of education and experience from practice. The doctoral symposium and new faculty symposium will help young researchers gain a head start in their chosen profession. College students can serve as volunteers and enjoy an intellectually enriching experience. High school students will be given the chance to exhibit work as part of the conference.

**The heartland of America and St. Louis** welcome the conference in the elegant setting of the Adams Mark Hotel on the Mississippi riverfront and in the shadow of a monumental feat of engineering, the St. Louis Arch. The starting point for the historical Lewis and Clark expedition and the cradle of jazz, the region offers visitors a wide range of tourist and entertainment opportunities for both individuals and families with children.

**Platinum Level Support** has been extended to ICSE 2005 by the following members of the St. Louis community: Boeing, Edward Jones, Emerson, Enterprise Rent-A-Car, MasterCard International, Monsanto, SBC, and Washington University. The conference organizers gratefully acknowledge their generosity.

**Conference Information** will be available on the conference web site, which has been designed to be a living document offering up-to-date news on all conference events, submission instructions and deadlines, hotel information, registration, tourist information, travel, etc. The continuously updated web pages will help you plan your involvement in the conference. We encourage you to leave your own mark on this important event.



### Important Research Submission Dates

Research paper submission	1	September	2004
Author notification	10	November	2004
Camera ready deadline	28	January	2005
Research paper program	18-20	May	2005