29th International Conference on Software Engineering

29th International Conference on Software Engineering
20-26 May 2007

ICSE 2007 — Minneapolis

http://www.icse-conferences.org/2007/

Call for Participation

General Chair
John Knight, *University of Virginia, USA*

Research Program
Wolfgang Emmerich, *University College London, UK*
Gregg Rothermel, *Univ. of Nebraska, Lincoln, USA*

Workshops and Co-Located Events
Annie Anton, *North Carolina State University, USA*
Paola Inverardi, *Universita di L'Aquila, Italy*

Software Engineering Education
Tim Lethbridge, *University of Ottawa, Canada*
Andre van der Hoek, *Univ. of California, Irvine, USA*

Tutorials
Anna Liu, *Microsoft Australia*
Albert Zuendorf, *University of Kassel, Germany*

Experience Reports
Frank Maurer, *University of Calgary, Canada*
Michael Hirsch, *Zuehlke Engineering AG, Germany*

Future of Software Engineering
Lionel Briand, *Carleton University, Canada*
Alexander Wolf, *University of Lugano, Switzerland*

Portraits in Practice
Robyn Lutz, *Iowa State University, USA*

Panels
David Evans, *University of Virginia, USA*

Research Demonstrations
Alex Orso, *Georgia Tech, USA*
Elisabetta di Nitto, *Politecnico di Milano, Italy*

Doctoral Symposium
Barbara Ryder, *Rutgers University, USA*
David Rosenblum, *University College London, UK*

New Faculty Symposium
Leon Osterweil, *Univ. of Massachusetts, Amherst, USA*

Proceedings
Myra Cohen, *University of Nebraska, Lincoln, USA*

Web Master
Licia Capra, *University College London, UK*

Local Arrangements
Mats Heimdahl, *University of Minnesota, USA*

Student Volunteers
Eric Van Wyk, *University of Minnesota, USA*

Publicity
Will Tracz, *Lockheed Martin Integrated Systems & Solutions, USA*
Nenad Medvidović, *Univ. of Southern California, USA*

Treasurer
Kim Gregg, *University of Virginia, USA*

Sponsorships
John Knight, *University of Virginia, USA*
Hausi Muller, *University of Victoria, Canada*

Most Influential Paper Award
Wilhelm Schaefer, *Universität Paderborn, Germany*

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

The theme of ICSE 2007 is **Developing Dependable Software**, with which we acknowledge the increasingly crucial rol software plays in business, healthcare, government and society at large. The theme also highlights the growing responsibili its members are expected to assume. As such, an important goal of this meeting will be to reach out to other engin disciplines that have an impact upon or benefit from software engineering know-how.

We invite high quality submissions to all conference tracks. Topics of interest include, but are not limited to:

- Software requirements engineering
- Software architecture and design
- Patterns and frameworks
- Software components and reuse
- Software testing and analysis
- Theory and formal methods
- Computer supported cooperative work
- Human-Computer Interaction
- Software processes and workflows
- Engineering secure software
- Software dependability, safety and reliability
- Reverse engineering and maintenance
- Program comprehension and visualization
- Software economics and metrics
- Empirical software engineering
- Aspect-orientation and feature interaction
- Engineering of distributed/parallel SW systems
- Engineering of embedded and real-time software
- Software engineering for mobile, ubiquitous and pervasive systems
- Software tools and development environments
- SW Configuration management and deployment
- Software policy and ethics
- Programming languages
- AI and Knowledge based software engineering
- Internet and information systems development
- End user software engineering

Lasting impact on our profession and the society at large is the overarching goal for ICSE 2007. Format changes, novel in high expectations, an exceptionally talented team, and an unprecedented level of support by the local corporate commu ingredients bound to facilitate a fertile exchange of ideas and experiences likely to affect the professional life of each particip will offer an exciting program of events, including keynote talks by leaders in the field, invited talks along specialize workshops, and technical paper presentations on innovative research, the cutting edge of practice, and new develo engineering education.

Opportunities for professional engagement include: workshops, tutorials, research demonstrations, exhibits, and paper areas of research, education and experience from practice. The doctoral symposium and the new faculty sympos researchers gain a head start in their chosen profession.

Minneapolis is at the heart of a major high-technology area that also offers a wide variety of recreational opportunities i parks, aquariums, casinos, sporting venues, theaters, malls, museums, and zoos. The conference location is the Hilton Min modern hotel located adjacent to the Nicollett Mall. The hotel is connected to the famous Skyway system. One floor above mile system links shopping, restaurants, entertainment and more, with enclosed walkways.

Conference information will be available on the conference web site, which has been designed to be a working documen news on all conference events, submission instructions and deadlines, hotel information, registration, tourist informatio continuously updated web pages will help you plan your involvement in the conference. We encourage you to bookmark this

Upcoming Submission Deadlines

8 September 2006 23:59 SST (Apia - Samoa)	Research and experience report paper submission
6 October 2006 23:59 SST (Apia - Samoa)	Education paper, Tutorial proposal, and/or Workshop proposal submission
29 October 2006	Posters and Demonstrations submission
11 December 2006	Doctoral symposium package submission
5 February 2007	Camera ready and IEEE copyright form due for **all** trac