28th International Conference on Software Engineering

20-28 May 2006

http://www.icse-conferences.org/2006/

Call for Papers: Research Track

Shanghai 2006

General Chair
Leon J. Osterweil, *U. of Massachussetts, USA*

Program Committee Co-Chairs
Dieter Rombach, *TU Kaiserslautern, Germany*
Mary Lou Soffa, *University of Virginia, USA*

Program Committee
George Avrunin, *Univ. of Massachusetts, USA*
Antonia Bertolino, *ISTI–CNR, Italy*
Lionel Briand, *Carleton University, Canada*
Gerardo Canfora, *RCOST–U. of Sannio, Italy*
Rance Cleaveland, *SUNY–Stony Brook, USA*
Manuvir Das, *Microsoft Research, USA*
Laura K. Dillon, *Michigan State Univ., USA*
Wolfgang Emmerich, *U. College London, UK*
Jacky Estublier, *Grenoble University, France*
David Evans, *University of Virginia, USA*
Yuxi Fu, *Shanghai Jiaotong Univ., China*
David Garlan, *Carnegie Mellon University, USA*
Mary Jean Harrold, *Georgia Inst. of Tech., USA*
Jifeng He, *East China Normal U., China*
Constance Heitmeyer, *Naval Res. Lab, USA*
Paola Inverardi, *Università dell'Aquila, Italy*
Mehdi Jazayeri, *Univ. of Lugano, Switzerland
and Technical University of Vienna, Austria*
Ross Jeffery, *NICTA/UNSW, Australia*
Natalia Juristo, *U. Politecnica de Madrid, Spain*
Kyo C. Kang, *Pohang U. of S. & T., S. Korea*
Richard A. Kemmerer, *UC Santa Barbara, USA*
Oliver Laitenberger, *Droege & Co., Germany*
Julio Cesar S. do Prado Leite, *PUC–Rio, Brazil*
Wei Li, *Beijing U. Of Aero. & Astro., China*
Huimin Lin, *Chinese Academy of Sci., China*
Jeff Magee, *Imperial College London, UK*
Kenichi Matsumoto, *NAIST, Japan*
Audris Mockus, *Avaya Labs, USA*
Dirk Muthig, *Fraunhofer IESE, Germany*
Klaus Pohl, *Univ. Duisburg–Essen, Germany*
Lori Pollock, *University of Delaware, USA*
Gregg Rothermel, *U. Nebraska–Lincoln, USA*
Barbara Ryder, *Rutgers University, USA*
Wilhelm Schäfer, *Univ. Paderborn, Germany*
Douglas C. Schmidt, *Vanderbilt Univ., USA*
Walter Tichy, *University of Karlsruhe, Germany*
Frank Tip, *IBM T.J. Watson Res. Ctr., USA*
Jian Zhang, *Chinese Academy of Sci., China*

The ICSE 2006 Research Paper track's goal is to provide a forum for presenting the latest, best, and most important research results in the field of software engineering.

Scope. High quality research submissions are invited for technical papers describing original, unpublished results of theoretical, empirical, conceptual, or experimental research. Papers should describe a novel contribution to software engineering and should carefully support claims of novelty with citations to the relevant literature.

Please note that there are separate Education, Experience, Far East Experience, and Software Engineering: Achievements and Challenges tracks at ICSE 2006. We refer you to these tracks if your work is more suitable for one of these categories.

Topics of interest for the Research track 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
- Grid software
- 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

Review and Evaluation Criteria. The ICSE Program Committee will evaluate the technical contribution of each submission as well as its general accessibility to the ICSE audience. Papers will be judged on significance, originality, relevance, correctness, and clarity. Papers must be organized so that they are easily understood by a software engineering audience with varied levels and areas of expertise. The paper should clearly identify what has been accomplished, why it is significant, and how it compares with previous work.

IMPORTANT: Papers that are already currently under review for presentation at another conference, symposium, or workshop at the time of their submission to ICSE 2006 are ineligible for review by ICSE 2006. Similarly, if a paper that is closely related to an ICSE 2006 submission is under review for journal publication at the time of submission to ICSE 2006, then the authors must notify the ICSE Program Committee Co-Chairs before submission. Authors can expect that the ICSE Program Committee Co-Chairs will take vigorous action to sanction authors who ignore these multiple submission rules.

Submission Structure. Your paper must conform to the ICSE 2006 Format and Submission Guidelines and should not exceed ten pages, including all text, references, appendices, and figures. Submissions that exceed the length restriction will be summarily rejected by the ICSE Program Committee Co-Chairs.

Important Dates

Submission Deadline	9 September 2005 at 11:59 EDT
Notification of Acceptance	16 December 2005
Camera-ready Copy Due	24 February 2006

The submission deadline is firm and no extensions will be given.

Acceptance. All accepted contributions will be published in the conference proceedings. CDs of the proceedings will be distributed at the conference.

Contact

- Dieter Rombach, Technische Universität Kaiserslautern, rombach@informatik.uni-kl.de
- Mary Lou Soffa, University of Virginia, soffa@virginia.edu

Shanghai Municipal Government