Software Engineering in Practice

http://2014.icse-conferences.org/seip

Co-Chairs: Gautam Shroff, Tata Consultancy Services, India ● Arnaud Gotlieb, Simula Research Lab, Norway, and INRIA, France

The Software Engineering in Practice (SEIP) Track is the privileged ICSE track for researchers and practitioners to discuss innovations and solutions to concrete software engineering problems. SEIP provides a unique forum for exchanging new ideas, fostering long-term innovations, networking and forging long-term collaborations for addressing the most interesting and realistic software engineering research directions. Following a long-term tradition, SEIP will gather highly-qualified industrial and research participants that are eager to communicate and share common interests in software engineering. The technical program of the track will be composed of invited speeches, panel discussions, tutorials and industry-strength paper presentations with high take-away value for the software engineering practitioners. **Submissions due: October 23, 2013**

Software Engineering Education and Training *http://2014.icse-conferences.org/seet*

Co-Chairs: Alessandro Garcia, PUC-Rio, Brazil ● Mehdi Jazayeri, University of Lugano, Switzerland

The Software Engineering Education and Training (SEET) Track is looking for contributions that address new challenges and best practices in software engineering education and training. While we welcome submissions on all topics related to software engineering education and training, we are particularly interested in submissions exploring recent trends in education and training. A few examples of such trends include the innovative use of social media for knowledge management and acquisition, the widespread adoption of mobile devices, the online education movement, continuing education in the face of rapid technological change, and the increasing uptake in end user software engineering in business and the sciences. A key concern is how these and other exciting developments will play a role in traditional software engineering education and training programs. Innovative approaches to other long-term challenges are also welcome. **Submissions due: October 23, 2013**

Workshops

http://2014.icse-conferences.org/workshops

Co-Chairs: Nenad Medvidovic, Univ. of Southern California, USA ● Sriram Rajamani, Microsoft Research, India

The ICSE Workshops provide a forum for small groups of participants (on the order of 20-50) to discuss current topics in software engineering research and practice. ICSE Workshops will provide opportunities for researchers to exchange and discuss innovative scientific and engineering ideas at a stage before they have matured to warrant conference or journal publication. They also serve as incubators for scientific ideas or new scientific communities that form and share a particular research agenda. ICSE Workshops may be either one or two days long and may be held before or after the main conference. Participation in ICSE Workshops is usually open. ICSE Workshops frequently publish a call for papers to produce workshop proceedings to be published in the electronic ICSE proceedings. **Submissions due: October 23, 2013**

Tutorials and Technical Briefings

http://2014.icse-conferences.org/tutorial

Co-Chairs: Mark Grechanik, Univ. of Illinois at Chicago, USA ● Thenalapadi S. Mohan, Infosys Technologies, India

ICSE Tutorials and Technical Briefings enable industry and academic researchers to share their ideas and work and learn about the state of the art and practice in Software Engineering. ICSE presents an excellent opportunity for researchers and professional software engineers to present their work and educate their colleagues about new technologies and methods at the tutorials and technical briefing track. Tutorials are typically scheduled for half-day or full day and they include comprehensive presentations on well-established topics, which may include hands-on exercises on using various software engineering tools. Technical briefings are shorter than tutorials and they last 90 minutes. While tutorials go into considerable depth, technical briefings give quick holistic overviews of interesting emerging topics with a concentration on fundamentals and projection about the future of these topics. **Submissions due: October 23, 2013**

New Ideas and Emerging Results

Co-Chairs: Benoit Baudry, INRIA, France ● Jane Cleland-Huang, DePaul Univ., USA

The New Ideas and Emerging Results (NIER) Track aims to provide a forum for innovative, thought-provoking research in software engineering, which is not yet supported by solid results but contains a strong and well-motivated scientific intuition. NIER papers should expose the community to early, yet promising and potentially inspiring, research efforts. Papers are expected to challenge the status quo of the software engineering discipline, address cutting-edge software engineering challenges by establishing new research directions, recognize unusual synergies with other disciplines, or present provocative new ideas. NIER also welcomes papers that may not fit into an existing specialized conference series. **Submissions due: November 22, 2013**

Doctoral Symposium

Co-Chairs: Shing-Chi Cheung, Hong Kong Univ. of Science and Technology, China ● Leonardo Mariani, Univ. of Milan Bicocca, Italy

The goals of the Doctoral Symposium are to provide a supportive yet questioning setting in which Ph.D. students can present their research proposal; to provide an opportunity for students to attend ICSE; and to support the ICSE mission as a world-leading venue for software engineering research. Students will be able to discuss their goals, methods, and results at an early stage in their research. The Symposium aims to provide students with useful guidance and feedback on various aspects of their research from established researchers, young post-docs and the other student attendees. It also helps participants to establish a research and social network of their peers from around the world. **Submissions due: November 22, 2013**

ACM Student Research Competition

Co-Chairs: Romain Robbes, Univ. of Chile, Chile ● Aditya Nori, Microsoft Research, India

ICSE will host an ACM Student Research Competition (SRC), sponsored by Microsoft Research. This competition offers undergraduate and graduate students a unique forum to experience the research world, present their research results to ICSE attendees, and compete for prizes. The ACM SRC at ICSE consists of three parts: (1) research abstract submission; (2) poster presentation; and (3) research talk. The winners of the competition will be invited to participate in the ACM Student Research Competition Grand Finals. Participate in this exciting competition: Submit your work to the ACM Student Research Competition at ICSE. Win a travel stipend to attend the ICSE conference in Hyderabad! **Submissions due: November 22, 2013**

Formal Demonstrations

Co-Chairs: Anita Sarma, Univ. of Nebraska – Lincoln, USA ● John Grundy, Swinburne Univ. of Technology, Australia

The objective of the ICSE Formal Demonstrations Track is to excite the software engineering community about new advances in our field through compelling demonstrations that help advance research and practice. The track is a highly interactive venue where researchers and practitioners can demonstrate their tools and data sets and discuss them with attendees. Highlighting scientific contributions through concrete artifacts is a critical supplement to the traditional ICSE research papers. A demonstration provides the opportunity to communicate how the scientific approach has been implemented or how a specific hypothesis has been assessed, including details such as implementation and usage issues, data models and representations, APIs for tool and data access.

Submissions due: November 22, 2013