

ICSE 40TH INTERNATIONAL CONFERENCE ON SOFTWARE ENGINEERING

MAY 27 - JUNE 3 2018
GOTHENBURG, SWEDEN

CALL FOR PAPERS

ICSE 2018 has many events that enable presentations and discussion of different topics in Software Engineering and related areas, where the participants can present and discuss initial ideas, work in progress, preliminary results, on-going work, and final findings and results rigorously analyzed and presented. The following events and call for papers are available:

Main Conference tracks

Technical track - We invite submissions of high quality research papers that describe original and unpublished results on any topic of empirical or theoretical software engineering research. We welcome submissions addressing topics across the full spectrum of software engineering, broadly construed.

Journal-First Paper Initiative - ICSE has begun to form partnerships with prestigious journals to incorporate journal-first papers into the ICSE program. Through this initiative, authors of journal-first papers accepted in the partnering journals will be invited to present their work at ICSE.

Software Engineering in Practice Track - The SEIP Track is the premier venue for researchers and practitioners to discuss innovations and solutions to concrete software engineering problems. SEIP will gather highly-qualified industrial and research participants that are eager to communicate and share common interests in software engineering.

Software Engineering in Society - The SEIS scope is bold and ambitious in that it takes a specific focus on the impact of the accelerating speed of digital technology advances in society. SEIS authors are encouraged to contribute both mature, and novel but soundly-motivated research. SEIS welcomes multi- and interdisciplinary research showcasing how software engineering can contribute to the many dimensions of software embedded in society.

Software Engineering Education and Training - Synergy between research and education is the key premise of a research university. Many of us play dual roles as software engineering researchers and software engineering educators. SEET welcomes papers that discuss education of Software Engineering.

New Ideas and Emerging Results - NIER provides a forum for innovative, thought-provoking research in software engineering to accelerate the exposure of the community to early yet promising and potentially inspiring research efforts.

The main tracks are enriched by several complementary activities. **ACM Student Research Competition** invite PhD students to compete in presentation of their research, **Demonstrations** enable presentation of tools and different type of system and software implementations, **Doctoral Symposium** is dedicated to PhD students to discuss their research, and **SCORE** is a competition for master students in Software Engineering. Finally, **Posters** are intended for a broad participation, for a presentation of their research from starting ideas to the concrete results. All events invite submission of papers that will be published in ICSE proceedings.

Workshops - The workshops at ICSE provide a forum for groups of 20-50 participants to discuss topics in software engineering research and practice. ICSE workshops serve as incubators for scientific communities that form and share a particular research agenda. ICSE workshops also provide opportunities for researchers to exchange and discuss scientific and engineering ideas at an early stage, before they have matured to warrant conference or journal publication.

Technical Briefings are short tutorials for researchers and practitioners giving fast insight in the latest technologies, tools, theories and methods.

All accepted contributions will be published in ICSE Proceedings available at ACM Digital Library, and IEEE Xplore Digital Library.

SUBMISSION DUE DATES

Technical Papers	Aug 25, 2017	Technical Briefings	Nov 1, 2017
Workshop Proposals	Oct 10, 2017	Doctoral Symposium	Nov 20, 2017
Software Engineering in Practice	Oct 23, 2017	Demonstrations	Nov 20, 2017
Software Engineering Education and Training	Oct 23, 2017	ACM Student Research Competition	Jan 8, 2018
Software Engineering in Society	Oct 23, 2017	Student Volunteers	Jan 22, 2018
New Ideas and Emerging Results	Oct 23, 2017	Posters	Feb 5, 2018

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Doctoral Symposium Chairs

Tracy Hall, Brunel University, UK
Julia Rubin, University of British Columbia, Canada

Poster Chairs

Raffaella Mirandola, Politecnico di Milano, Italy
Yuriy Brun, University of Massachusetts, Amherst, US

Research Student Competition Chairs

Olga Baysal, Carleton University, Canada
Jun Sun, Singapore University of Technology and Design, Singapore

SCORE Chairs

Christine Julien, The University of Texas at Austin, USA
Rafael Prikladnicki, Faculdade de Informática da PUCRS, Brazil

New Faculty Chairs

Lars Grunske, Humboldt-Universität zu Berlin, Germany
Betty Cheng, University of Illinois at Urbana-Champaign, USA
Xaioying Bai, Tsinghua University, China

Submission Chair

Yue Jia, University College London, UK

Most Influential Paper ICSE N-10

Volker Gruhn, University Duisburg-Essen Germany
Matt Dwyer, University of Nebraska, USA

Web Chairs

Josip Maras, University of Split, Croatia
Hugo Andrade, Chalmers University of Technology, Sweden

Student Volunteer Chairs

Christian Berger, University of Gothenburg & Chalmers University of Technology, Sweden
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Jaana Nyfjord RISE, Sweden

ICSE, the International Conference on Software Engineering, is the premier software engineering conference, providing a forum for researchers, practitioners and educators to present and discuss the most recent innovations, research, experiences, trends and concerns in the field of Software engineering.

In 2018 ICSE will celebrate its 40th anniversary, and 50 years of Software Engineering – 50 years of tremendously successful promotion of research, education and practices in Software Engineering.

ICSE 2018 is coming to Gothenburg, Sweden. Science and research are a genuine part of the Scandinavian culture visible through the institution of Nobel Prize awards. In addition, Sweden hosts high technology companies in which software plays an essential part.

Town Gothenburg with its two internationally renowned universities, with many ICT and ICT-related companies, with many cultural attractions, impressive modern infrastructure including the Scandinavian largest convention center, and surrounding beautiful nature is welcoming you!

ICSE 2018, in addition to its standard events will provide unique events:

CELEBRATION OF 50 YEARS OF SOFTWARE ENGINEERING – special guest, keynotes, and informal celebration will mark this special event

INDUSTRYFORUM – events specifically dedicated to get together researchers and practitioners to benefit from their experiences and enabling new cooperation.

Welcome to ICSE 2018, Gothenburg
May 27 - June 3, 2018



IEEE Software & IEEE Computer is planning Software Engineering in its 50th Anniversary joint theme issue. To get more information please fill-in your details at <https://goo.gl/forms/hrbga1UCeRd9JT0s1>

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