

Message from the Chairs



Robyn Lutz
Program Chair



Tony Gorschek
General Chair



Sarah Gregory
Industry Co-Chair



Marjo Kauppinen
Industry Co-Chair

We warmly welcome you to RE'14, the 22nd IEEE International Requirements Engineering Conference! This year's conference takes place in Karlskrona, Sweden at the Blekinge Institute of Technology from August 25-29.

The IEEE International Requirements Engineering Conference is the premier international forum for researchers, industrial practitioners, educators, and students to present and discuss the most recent innovations, trends, experiences, results and challenges in the field of requirements engineering (RE).

The conference this year has a dual theme focused on innovation. Innovation *in* Requirements Engineering considers new ideas and breakthroughs in the area. Innovation *through* Requirements Engineering centers on how its practices, processes, models, methods and frameworks enable and support innovation in product development.

RE'14 features an extensive technical program of interest to both academia and industry. The research track addresses key problems and reports important new results in the field of requirements engineering from progress around the globe. The industry track offers experience reports and descriptions of challenges encountered in practice by requirements engineering professionals.

The three conference days are enhanced with panels, mini-tutorials, posters and tool demonstrations, and an Industry Lab. Panels give an opportunity for a mix of people to come together to offer their positions on particular RE topics of the day, with audience discussion encouraged. Mini-tutorials offered by experts give attendees an efficient introduction to emerging topics. Posters and tool demonstrations introduce solutions in an interactive setting, and are previewed this year with a fast-paced, lightning-round session. Industry Laboratory is a new event introduced this year to attract and involve industry in the applied field of requirements engineering research by enabling industrial participants to discuss experiences and share their visions for the future with the research community.

We are pleased to have three superb keynote speakers. Anthony I. Wasserman, Carnegie Mellon University-Silicon Valley, analyzes approaches used by tech startups to define product requirements. Annie I. Antón, Georgia Tech College of Computing, describes her work on requirements for software systems that must comply with privacy and security regulations. Anthony Finkelstein, University College London, discusses current issues in requirements engineering, technology and education.

The two days before the main conference feature a full range of offerings. Tutorials by experts give participants a popular way to develop new skills in requirements engineering practices. Several tutorials have been selected to be of particular interest to industrial practitioners. Multiple workshops encourage the exchange of ideas and discuss challenging research issues in requirements engineering. The workshops gather together participants with shared interests for a day of talks, discussion and activities. Several of these workshops are regularly held at the RE conference and return this year. The RE'14 Doctoral Symposium brings together PhD students and academics working in all areas of requirements engineering. Students present their research projects and receive feedback from a panel of internationally renowned researchers in a highly interactive and collegial format.

The research track received 115 full papers by authors from 30 countries. Of these, 77 were submitted as technical solution papers, 29 as scientific evaluation papers, and 9 as vision papers. The industry track received 35 papers by authors from 20 countries. In the first phase, three members of the Program Committee reviewed each research paper, and three members of the Industry Committee reviewed each industry paper. A discussion period among the reviewers followed, facilitated by a Program Board member. At the end of the discussion phase 59 research papers advanced to the Program Board meeting. The reviews and discussions were then used by the Program Board to make final selections. A total of 31 full research papers (25 technical solution and 6 scientific evaluation) were accepted for publication, an acceptance rate of 27%. 13 full industry papers were also accepted for publication, an acceptance rate of 37%. It is the high quality of these authors' papers that provides the strong technical program for RE'14.

The members of the RE'14 Organizing Committee, Program Committee, Industry Committee and Program Board have worked hard to provide you a high-quality, engaging and useful experience. We thank them all for their dedication and expertise. We also thank our corporate and academic donors for their generous support. Finally, we thank you for participating in RE'14, and welcome you to Karlskrona!

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