

Message from the General Chairs

We are pleased to have been given the honor and responsibility to chair the 30th IEEE International Symposium on Software Reliability Engineering (ISSRE). Established in 1989, the Symposium has traveled the path from a small highly specialized gathering of statistical modeling enthusiasts who explored the applicability of hardware failure pattern analyses to software systems, to the major annual event in which academic and industry thought leaders and innovators exchange ideas that improve the confidence societies place in their inevitable reliance on software products.

This year, ISSRE celebrates its 30th anniversary and we are very happy that we can host this special edition of ISSRE at Fraunhofer FOKUS in Berlin, a place where industry concerns and academic solution approaches meet day in day out.

There are few other fields in which technologies have changed so rapidly and dramatically as in software engineering. Today we need software for huge systems as well as for tiny embedded systems with various requirements with respect to their reliability, security, energy-efficiency and many other properties driven by the software application domain.

In front of you are the two volumes of ISSRE 2019 proceedings. In addition to the academic research program that also includes practical experience reports, the symposium is proud of its industry innovation track, doctoral symposium, fast abstract track, five independent workshops, and seven half-day tutorials. ISSRE has next to a strong academic research track a prominent industry innovation track. The conference will open with an industry talk and we encourage strong interaction between industry and academia. The mix of participants from industry labs and academic labs enables a free flow of ideas, opens the market for talent exchange, and benefits everyone in our technical community.

Creating ISSRE symposium is a complex endeavor. It would not have been possible without contributions of well over 200 members of our technical community: 10 members of the steering committee, 26 members of the organizing committee, 16 members of the program board, 69 member of the research-track program committee, 18 members of the industry innovation committee, nearly 80 members of workshop' program committees, and many more reviewers whose number we have not been able to determine precisely. We are indebted to their efforts, expertise and the unprecedented level of dedication that has become expected in our research community.

Finally, we would like to welcome you to Berlin, Germany. This beautiful city of interesting and controversial history has recently become a major ICT industry hub, mostly start-up companies but also large enterprises settle in the vibrant and diverse city. As the German capital, a growing city and a German state, Berlin is the home of many stakeholders from science, industry and administration enabling lively and diverse communities and initiatives fostering ICT. We want to express gratitude to our host, Fraunhofer FOKUS, who made their conference centre available to us for the entire week including the support team, who have been very helpful throughout the organisation of the conference. We also want to thank ISSRE industry sponsors: Bosch, CONCORDIA, iRights.Lab, the German Testing Board e.V. and Verteilte intelligente Systeme e.V. as well as IEEE Computer Society and IEEE Reliability Society. Finally, our employers, the Freie Universität Berlin and Fraunhofer FOKUS provide work environments supportive of professional service.

For any comments regarding this year's ISSRE organization, or suggestions about the future, you are more than welcome to initiate a discussion at the symposium, or contact us afterwards. We hope you will remember ISSRE 2019 as an inspiring professional and personal experience. It has certainly been so for us.

Katinka Wolter, *Free University Berlin*

General Co-Chair

Ina Schieferdecker, *Fraunhofer FOKUS*

General Co-Chair