Message from the Steering Committee Chairs

The QRS conference has continued to grow during the last few years. Not only have the numbers of submissions, co-located workshops, and attendees gone up, but the coverage of various topics in software quality, reliability, and security has also extended. It has become an important venue for researchers and engineers to exchange ideas and results as well as to share lessons learned and practical experiences.

This year’s conference includes keynote addresses and invited talks, research papers, industry track, fast abstracts, and tutorials. Additional workshops that are more intensely focused on selected topics within the conference theme are also held concurrently.

Building on the success of the first IEEE International Software Testing Contest at QRS 2017 in Prague, the second contest is organized in conjunction with the IEEE Reliability Society and our industry partners so that real-world testing and tool experience can be brought to the contestants and provide them with excellent opportunities to practice their learned techniques to overcome industrial testing challenges.

We thank the general chairs Professor Ina Schieferdecker and Professor Yuanshun Dai; the program chairs Professor Rui Maranhão Abreu and Professor Hongyu Zhang; the industry track chairs Dr. Sunita Chulani and Dr. Pete Rotella; the publication chair Professor Liang Luo; the publicity chair Professor David Lo; the social media chair Professor Benedikt Eberhardinger; and our local committee including Professors Luis Cruz, Bruno Lima, and Pedro Adâ for their leadership in organizing the conference. We are also grateful to the program committee members and reviewers for investing their time to evaluate and comment on the papers, which helps authors improve the quality of their work. We would especially like to acknowledge the authors for sharing their advanced research and innovative ideas with all the conference attendees, as their contributions add great value to the conference.

Thanks also go to Shou-Yu Lee, Siwei Zhou, Dongcheng Li, Xuelin Li, and Linghuan Hu from the University of Texas at Dallas for designing, implementing, and maintaining the conference website and for other organizational tasks.

Please enjoy the technical program and the social events that we have arranged for you. We hope that you will provide your feedback and continued support to ensure that future QRS conferences will be a great success.