Message from the Steering Committee Chairs

In 2006, the IEEE Reliability Society made a strategic decision to launch an annual conference focusing on security and reliability. The first International Conference on Secure System Integration and Reliability Improvement (SSIRI) was held in Hanoi, Vietnam. The subsequent conferences were held in Yokohama, Japan; Shanghai, China; Singapore; and Jeju, Korea.

In 2012, the steering committee made another landmark decision to change the name to the International Conference on Software Security and Reliability (SERE) with SE representing Security and RE for Reliability so that the focus of the conference can be more easily recognized. The conference was held in the USA the first time at the National Institute of Standards and Technology in the Washington, D.C. area. Since it was a great success, the 2013 meeting was once again co-sponsored by NIST in Washington, D.C. The conference moved to San Francisco, California in 2014.

The International Conference on Quality Software (QSIC) were held in Dallas, USA; Braunschweig, Germany; Melbourne, Australia; Beijing, China; Portland, USA; Oxford, UK; Jeju, Korea; Zhangjiajie, China; Madrid, Spain; Xi’an, China; Nanjing, China; and back to Dallas, USA in 2014. Since 2009, the IEEE Reliability Society has been one of the sponsors of the conference.

Another major event in our conference history occurred in 2015 when SERE and QSIC merged into the IEEE International Conference on Software Quality, Reliability & Security (QRS) with Q representing Quality, R for Reliability, and S for Security. This enhanced platform has better served the scientific community and the industry ever since. QRS 2015 was held in Vancouver, one of the most ethnically and linguistically diverse cities in Canada.

This year’s QRS is in Vienna, Austria – a place known as the City of Music. The main conference received more than 100 submissions. We also have ten workshops: SSCPS on Safety and Security in Cyber-Physical Systems, SEKM on Software Engineering and Knowledge Management, HASQ on Human and Social Aspect of Software Quality, TC on Trustworthy Computing, IA on Information Assurance, VVASS on Verification and Validation of Adaptive Systems, IWSC on Software Cybernetics, MVV on Model-Based Verification & Validation, CRE on Cyber Resiliency Economics, and HSCD on Workshop on Hardware and Software Co-Design. In addition, it is the first time that QRS has a poster session to make the conference more dynamic and interactive. The number of attendees is expected to be around 170. All these make new records for the QRS conference.

We are indebted to Professor Franz Wotawa, General Chair as well as Professor Yves Le Traon and Professor Zhenyu Chen, Program Chairs for taking the lead in the organization of the conference. We are grateful to all the program committee members and reviewers for evaluating the papers and providing invaluable comments to help authors further improve the quality of their work. We would like also to thank the authors for sharing their innovative ideas and advanced research with all the conference attendees. Without their outstanding contributions, the impact of the conference would be much diminished.
We also extend our appreciation to Professor Gordon Fraser, Workshop Chair; Professor Stefan Biffl, Tutorial Chair; Professor Mercedes Merayo, Student Doctoral Program Chair; Dr. Vidroha Debroy and Professor Ingo Pill, Publicity Chairs; Professor Renee Bryce, Publication Chair; and Dimitris Simos, Local Chair for their excellent assistance in organizing the conference.

We thank Professor Christian Hansen, President of the IEEE Reliability Society, Dr. Jeffrey Voas, Past President of the IEEE Reliability Society, and all the participating colleagues at the SBA Research and the Graz University of Technology for their support of this conference.

Last but not least, thanks go to Shou-Yu Lee, Xuelin Li, Yihao Li, and Ruizhi Gao at the University of Texas at Dallas for designing, implementing, and maintaining the conference website, as well as other organizational tasks.

We are absolutely sure that you will enjoy the technical and social events we have assembled for you, and hope that you will provide feedback and continuous support to ensure the success of future QRS conferences.

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