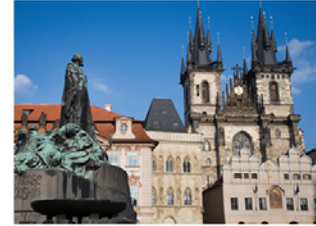




The 2017 IEEE International Conference on Software Quality, Reliability & Security

July 25-29, 2017 • Prague, Czech Republic
<http://paris.utdallas.edu/qrs17>



In 2015, the SERE conference (IEEE International Conference on Software Security and Reliability) and the QSIC conference (IEEE International Conference on Quality Software) were combined into a single conference, QRS, with **Q** representing *Quality*, **R** for *Reliability*, and **S** for *Security*, sponsored by the IEEE Reliability Society. This conference provides engineers and scientists from both industry and academia a platform to present their ongoing work, relate their research outcomes and experiences, and discuss the best and most efficient techniques for the development of reliable, secure, and trustworthy systems. It also represents an excellent opportunity for the academic community to become more aware of subject areas critical to the software industry as practitioners bring their needs to the table. The 2017 QRS conference will be held from July 25th to 29th in Prague, Czech Republic.

TOPICS OF INTEREST

- ◆ Reliability, security, availability, and safety of software systems
- ◆ Software testing, verification and validation
- ◆ Program debugging and comprehension
- ◆ Information and software assurance
- ◆ Fault tolerance for software reliability improvement
- ◆ Modeling, prediction, simulation, and evaluation
- ◆ Metrics, measurements, and analysis
- ◆ Secure and reliable storage
- ◆ Software penetration and protection
- ◆ Software vulnerabilities
- ◆ Formal methods
- ◆ Malware detection and analysis
- ◆ Intrusion detection and prevention
- ◆ Operating system security and reliability
- ◆ Mobile and smartphone applications
- ◆ Internet of things and cloud computing
- ◆ Information and knowledge management
- ◆ Benchmark, tools, and empirical studies

IMPORTANT DATES

- ◆ January 15, 2017: Workshop proposals due
- ◆ March 15, 2017: Regular & Short papers due
- ◆ April 15, 2017: Workshops due (extended)
- ◆ May 1, 2017: Fast Abstract & Student Program due (extended)
- ◆ May 15, 2017: Industry Track due (extended)
- ◆ May 25, 2017: Author notification
- ◆ June 5, 2017: Camera-ready & author registration due
- ◆ July 25-29, 2017: Conference dates

SUBMISSION

Submit original manuscripts (not published or considered elsewhere) with the following page maximums: twelve pages (regular papers), eight pages (short papers, workshop papers, and Student Doctoral Program), and two pages (Fast Abstract Track). Each paper should include a title and the name and affiliation of each author. Except for the Fast Abstract Track, each submission should also include a 150-word abstract and up to 6 keywords. The format of your submission must follow the guidelines for IEEE conference proceedings. The first author of a Student Doctoral Program submission must be a student. At least one Best Paper Award with a cash prize will be presented. Detailed instructions for paper submission can be found at <http://paris.utdallas.edu/qrs17>.

CONFERENCE PROCEEDINGS & SPECIAL SECTION OF IEEE TRANSACTIONS ON RELIABILITY

IEEE Computer Society Conference Publishing Services (CPS) will publish the proceedings. Accepted papers will also be submitted for inclusion in the IEEE Xplore and to other abstracting and indexing partners such as the Ei Compendex. Authors of selected best papers from the conference will be invited to submit an extended version to a special section of IEEE Transactions on Reliability.

ORGANIZING COMMITTEE

- | | | |
|-------------------------|----------------|---|
| ◆ General Chair | Mladen Vouk | North Carolina State University, USA |
| ◆ General Chair | Irena Bojanova | National Institute of Standards and Technology, USA |
| ◆ Program Chair | Manuel Nuñez | Universidad Complutense de Madrid, Spain |
| ◆ Program Chair | Tadashi Dohi | Hiroshima University, Japan |
| ◆ Program Chair | Xiaoying Bai | Tsinghua University, China |
| ◆ China Liaison | Yuanshun Dai | University of Electronic Science and Technology of China, China |
| ◆ South America Liaison | Jose Maldonado | University of Sao Paulo, Brazil |

STEERING COMMITTEE CHAIRS

- ◆ W. Eric Wong University of Texas at Dallas, USA
- ◆ T.H. Tse The University of Hong Kong, Hong Kong

GENERAL INQUIRIES

For more detailed and updated information, please refer to <http://paris.utdallas.edu/qrs17>, or contact Steering Committee Chair, Professor W. Eric Wong, at ewong2006@gmail.com, or General Chairs: Professor Mladen Vouk at vouk@ncsu.edu or Dr. Irena Bojanova at irena.v.bojanova@gmail.com.