QRS 2025
The 25th International Conference on
Software Quality, Reliability, and Security
July 16-20, 2025, Hangzhou, China

This year is the 25th anniversary of the QRS Conference. The first edition of the conference was held in Hong Kong, China in 2000 under the name of Asia-Pacific Conference on Quality Software. Since then, the conference has grown significantly. 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*. This conference gives 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 25th QRS conference will go back to the country where the first conference was organized. It will be in Hangzhou, China from July 16 -20, 2025.

TOPICS OF INTEREST

- Reliability, Security, Availability, and Safety of Software Systems
- AI-based Techniques for Software Quality, Reliability, and Security
- Machine Learning and Deep Learning Models and Systems
- Natural Language Processing and Large Language Models
- Knowledge-based Techniques for Software Quality, Reliability, and Security
- Software Testing, Verification, and Validation
- Program Debugging and Comprehension
- Information and Software Quality Assurance
- Fault Tolerance for Software Reliability Improvement
- Modeling, Prediction, Simulation, and Evaluation
- Metrics, Measurements, and Analysis
- Software Penetration and Protection

- Software Vulnerabilities
- Formal Methods
- Malware Detection and Analysis
- Intrusion Detection and Prevention
- Operating System Security and Reliability
- IoT, Supply Chain, Fuzzy Systems, Cyber-Physical Systems, and Industry 4.0
- Mobile and Smartphone Applications
- Cloud Computing and Smart City
- Information and Knowledge Management
- Secure and Reliable Storage
- Benchmark, Tools, Industrial Applications, and Empirical Studies

IMPORTANT DATES

- March 25, 2025:   Abstract due
- April 1, 2025:   Regular and Short papers due
- April 15, 2025:   Workshop papers due
- April 25, 2025:   Fast Abstracts & Industry Track due
- April 25, 2025:   Poster Track due

- May 20, 2025:   Author notification
- June 15, 2025:   Author registration due
- June 15, 2025:   Camera-ready due
- July 16-20, 2025:   Conference dates

SUBMISSION

Submit original manuscripts (not published or considered elsewhere) with the following page limits: twelve pages (regular papers), ten pages (short papers and workshop papers), and two pages (fast abstract track, poster papers, and industry track). Each paper should include a title and the name and affiliation of each author. Except for the fast abstract track, poster papers, and industry track, each submission should also include a 300-word abstract and up to 6 keywords. The format of your submission must follow the QRS Conference Proceedings Format. At least one Best Paper Award will be presented. Detailed instructions for paper submission can be found at https://qrs.techconf.org.

CONFERENCE PROCEEDINGS & SPECIAL SECTION OF SCI JOURNALS

Conference proceedings will be published by the IEEE Conference Publishing Services (CPS). Papers presented at the conference will also be submitted for inclusion into the IEEE Xplore and to all of the A&I (abstracting and indexing) partners (such as the Ei Compendex). Authors of top-quality papers will be invited to submit their extended versions to special issues of selected SCI journals.

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For more detailed and updated information, please refer to https://qrs.techconf.org. For paper submission, review, or other questions, please send emails to QRS Secretariat.