



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 24th QRS conference will be held from July 1-5, 2024, in Cambridge, United Kingdom.

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

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|-------------------|-------------------------------------|-------------------|--|
| ◆ March 11, 2024: | Abstract due | ◆ May 6, 2024: | Author notification (Regular & Short, Workshop, Fast Abstract, Industry Track, Poster) |
| ◆ March 18, 2024: | Regular and Short papers due | ◆ June 1, 2024: | Author registration due |
| ◆ April 1, 2024: | Workshop papers due | ◆ June 1, 2024: | Camera-ready due |
| ◆ April 6, 2024: | Fast Abstracts & Industry Track due | ◆ July 1-5, 2024: | Conference dates |
| ◆ April 6, 2024: | Poster Track due | | |

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, 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

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 top-quality papers will be invited to submit their extended versions to a special issue of the Journal of Systems and Software published by Elsevier.

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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 zxc190007@utdallas.edu.