

IEEE International Workshop on Trustworthy Computing

TC 2020

**in conjunction with QRS 2020
December 11-14, 2020 • Macau, China**

Trustworthy Computing (TC) aims at providing secure, private, and reliable computing experiences in a world where computing has become a necessity for many aspects of life. While decades have passed since the concept of trustworthy computing was introduced for military, financial, and public safety related computing systems, trustworthy computing still remains one of the key issues in the design and operation of computing systems nowadays. The ever-growing complexity of computing systems, the shift of trust to a third-party cloud service provider, and the widespread use of computing devices have made it much more difficult to implement trustworthy computing. In view of the challenges, the TC workshop is formed in conjunction with QRS 2020 to call for innovative work on the design and application of trustworthy computing. Reviews and case studies which address state-of-art research and state-of-practice industry experiences are also welcomed.

Topics of interest

Topics include, but are not limited to:

- Policies and models of trustworthy computing
- Security, reliability, and availability issues in computing systems and networks
- Censorship, anonymity, and privacy issues
- Trustworthy mobile and cloud computing
- Smart grid, SCADA, and critical information infrastructure
- The implication of Internet of Things on trustworthy computing
- Online social network and human factor issues
- Effective security protection and management of big data
- Industrial control devices, portable devices and applications
- Hardware support for trustworthy computing
- Detection, prevention, and response to malware and security attacks
- Information, system, and software assurance
- Auditing, verification, and validation
- Security testing, evaluation, and measurement
- Data protection, maintenance, recovery, and risk assessment
- Authentication, authorization, access control, and accounting
- Software defined networking (SDN)
- Cryptographic techniques
- Adversarial machine learning

Format and Proceedings

The TC workshop will be co-located with QRS 2020. Registered workshop attendees can attend all the technical and social events at the main conference and the workshop. Accepted papers will be published in the QRS 2020 Companion and will be made available in the IEEE digital library and EI indexed as well.

Important Dates

- Submission deadline: June 15, 2020
- Author notification: July 10, 2020

General Inquiries

For more detailed and updated information, please refer to <https://qrs20.techconf.org/workshops/tc>, or contact workshop chairs Professor Fu-Hau Hsu (National Central University, Taiwan) at hsufh@csie.ncu.edu.tw.