

The 21st IEEE International Conference on Trust, Security and Privacy in Computing and Communications (TrustCom-2022)

Oct. 28-30, 2022, Wuhan, China



CALL FOR PAPERS

IMPORTANT DATES

- **Workshop Proposal Due:** Jun.15 2022
- **Paper Submission Deadline:** Jul.15 2022
- **Author Notification:** Aug.15 2022
- **Final Manuscript Due:** Sep.15 2022
- **Registration Due:** Sep.22 2022
- **Conference Date:** Oct.28-30 2022

Among a series of highly successful International Conferences on Trust, Security and Privacy in Computing and Communications (TrustCom), the TrustCom-2022 conference is the 21st edition of a forum for engineers and scientists in academia, industry, and government to address the resulting profound challenges and to present and discuss their new ideas, research results, applications and experience on all aspects of trusted computing and communications. The IEEE TrustCom-2022 will be held on October 2022, Wuhan, China. The conference aims at bringing together researchers and practitioners in the world working on trusted computing and communications, with regard to trust, security, privacy, reliability, dependability, survivability, availability, and fault tolerance aspects of computer systems and networks, and providing a forum to present and discuss emerging ideas and trends in this highly challenging research field.

TRACKS AND TOPICS

Track 1: Trust Track

- Trust semantics, metrics and models
- Trusted computing platform
- Trusted network computing
- Trusted operating systems
- Trust in social networks
- Trust in 5G networks
- Watermarking and security
- Trust in mobile and wireless communications
- Risk and reputation management
- Survivable computer systems/networks
- Trusted software and applications
- Trust in e-commerce and e-government
- Miscellaneous trust issues in cyber Security
- System reverse engineering
- Cryptanalysis and security solutions

Track 2: Security Track

- Network and cyber security
- Computer security
- Database security
- Web applications security
- Security-aware facial recognition
- Security in social networks
- Security of 5G Networks
- Security in mobile and wireless communications
- Security in cloud/pervasive computing
- Security in parallel and distributed systems
- Security policy, model and architecture
- Authentication, authorization and accounting
- Miscellaneous security issues
- Steganography and steganalysis

Track 3: Privacy Track

- Privacy and trust
- Privacy and security
- Privacy and anonymity
- Privacy preservation in 5G
- Miscellaneous privacy issues
- Privacy-preserving biometrics
- Privacy in database systems
- Privacy in web-based applications and services
- Privacy in parallel and distributed systems
- Privacy in cloud/pervasive computing
- Privacy in mobile and wireless communications
- Privacy in e-commerce and e-government
- Privacy in network deployment and management

Track 4: Forensics and Analytics Track

- Anti-forensics and analytics
- Big data forensics
- CCTV forensics
- Cloud forensics
- Computational forensics
- Cyber-physical system forensics
- Datamining for forensics
- Fingerprint forensics
- Image forensics
- Malware forensics
- Mobile app forensics (e.g. Skype, WeChat and Facebook)
- Mobile device forensics
- Multimedia forensics
- Network forensics

Track 5: Emerging Tech Track

- Emerging hardware security
- Emerging paradigms of deep learning in security
- Emerging quantum safe cryptography for 5G
- Emerging approaches to cybersecurity
- Emerging techniques in identity management
- Emerging blockchain techniques
- Emerging security problems and solutions in edge/fog computing
- Emerging applications of reinforcement learning for securing networks
- Emerging secure mechanisms for service delivery models
- Emerging techniques in intelligent transportation systems
- Emerging network attacks & anomalies detection and prevention
- Emerging approaches of smart contract and distributed ledger

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PAPER SUBMISSION

The materials presented in the papers should not be published or under submission elsewhere. Each paper is limited to 8 pages for main conference regular papers, 6 pages for workshop papers or short papers including figures and references using IEEE Computer Society Proceedings Manuscripts style. Papers are to be submitted as PDF via the site: <https://edas.info/N29640> For further information, please visit our website: <http://www.ieee-hust-ncc.org/2022/TrustCom>