Call for Papers
Track 7 – Security, Privacy and Content Protection

Track Chairs:

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Scope and Motivation:

IEEE CCNC 2021 Security, Privacy and Content Protection Track is focused on latest developments and cutting-edge technical solutions in the field of cyber security and privacy protection. It is a forum that seeks high quality submissions from academia, government, and industry presenting novel research results on innovative algorithms, protocols, software, systems, and services in all facets and applications of security and privacy.

Main Topics of Interest:

The scope of this track covers practical and theoretical submissions describing novel contributions on a wide range of topics, including:

- Anonymity and privacy-enhancing technologies

- Authentication, authorization and auditing for content protection

- Blockchain security and privacy

- Botnet analysis and detection

- Computer and network forensics

- Consumer-friendly and usable security and privacy tools

- Control of personal data & privacy protection

- Digital rights management & copyright protection

- Exploit writing, mitigation bypass techniques

- Firewalls and intrusion detection

- Internet measurements for network security and security monitoring

- Personal, portable, and wearable device security

- Phishing and spam detection and defense

- Reputation and trust management mechanisms

- Security and privacy in WiFi and Home Networks

- Security and privacy in cellular and mobile networks

- Security and privacy in cloud and edge computing

- Security and privacy in crowdsourcing

- Security and privacy in emerging wireless technologies and applications (e.g., short-range communications, personal/body-area networks, mmWave communications, smart/connected vehicles, UAS, etc.)

- Security and privacy in IoT, industrial IoT, smart cities, smart and connected health, and RFID systems

- Security and privacy in social networks

- Security and privacy in software-defined networking and content-centric networking

- Security and privacy in spontaneous networking

- Web, e-commerce, m-commerce, and e-mail security

- Worm and malware detection and defense