

Special Issue

IoT Network Security

Message from the Guest Editor

The fast development of the Internet of Things (IoT) has involved enormous evolutions of IoT-empowered smart systems and applications via diverse networks, remote sensors, and endpoint appliances. IoT network security is critical largely because of the expanded attack surface of threats from vulnerabilities, malware, escalated cyberattacks, information theft and unknown exposure, device mismanagement, and misconfiguration, which are already plaguing networks. This Special Issue aims to collect original research and review articles on recent advances, technologies, solutions, applications, and new challenges in the field of IoT security. Potential topics include, but are not limited to:

- Trust theories and algorithms for IoT sensing networks;
- Quantum communication and quantum computing for IoT network security;
- Post-quantum cryptography and algorithms for IoT network security;
- Decentralized computing and collaborative learning for IoT network security;
- Machine/deep learning for IoT network security;
- AI-based data analytics for IoT network security;
- Blockchain-related applications for IoT network security.

Guest Editor

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

Editor-in-Chief

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