

Special Issue

Security and Privacy for Modern Wireless Communication Systems, 3rd Edition

Message from the Guest Editors

This Special Issue focuses on the latest research in relation to protocols, software/hardware development, and implementation, as well as system architecture design that addresses the emerging security and privacy issues in modern wireless communication networks. Topics including but not limited to the following:

- Deep learning-based security and privacy design
- Covert communications
- Security in UAV-assisted networks
- Information-theoretical foundations for advanced security and privacy techniques
- Lightweight cryptography for power-constrained networks
- Physical layer key generation
- Prototype and testbed for security and privacy solutions
- Encryption and decryption algorithm for low latency-constrained networks
- Security protocols for modern wireless communication networks
- Network intrusion detection
- Physical layer design with security consideration
- Challenges of security and privacy in node-edge-cloud computation
- Security and privacy design for low-power wide-area IoT networks, vehicle networks, underwater communication networks
- Blockchain-based solutions for modern wireless communication networks

Guest Editors

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Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guestedited by leading experts in selected topics of interest.

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