Special Issue

Security and Privacy for Modern Wireless Communication Systems

Message from the Guest Editors

This Special Issue focuses on the latest protocol research, software/hardware development and implementation, and system architecture design in addressing the emerging security and privacy issues for modern wireless communication networks. Relevant topics include but are not limited to the following:

- Deep-learning-based security and privacy design;
- Covert communications;
- Information-theoretical foundations for advanced security and privacy techniques;
- 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;
- Anonymity in data transmission;
- Vulnerabilities in security and privacy in modern wireless communication networks;
- Challenges of security and privacy in node–edge–cloud computation;
- Security and privacy design for low-power wide-area IoT networks;
- Security and privacy design for vehicle networks;
- Security and privacy design for underwater communications networks;
- Blockchain-based solutions for modern wireless communication networks.

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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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