



Security and Privacy for Modern Wireless Communication Systems, 2nd Edition

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Message from the Guest Editors

Security and privacy have consistently been crucial concerns within wireless communication systems. To address these concerns effectively, innovative approaches to cryptography, physical layer transmission strategies, network protocols, and related regulations are in high demand. Over the past decade, wireless communication networks have witnessed significant advancements and transformations across various dimensions.

This Special Issue focuses on the latest research in protocols, software/hardware development and implementation, and 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 design with security consideration;
- Security and privacy design for vehicle networks;
- Blockchain-based solutions for modern wireless communication networks.





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Message from the Editor-in-Chief

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