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Security and Privacy in Wireless Communications and Networking

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Message from the Guest Editor

Wireless Communications and Networking promise to meet the increasing demands of wireless mobile applications, such as self-driving vehicles, smart cities, military, government applications, and so on. With the increase in coverage and network heterogeneity, there are concerns that security and privacy in future wireless communications can be worse than the previous generations. Wireless sensors and actuators connected by the IoT are central to advanced cyber-physical systems. In such complex, heterogeneous systems, communication links must meet stringent requirements on throughput, latency, and range, while considering tight energy budgets and providing high levels of security. On the other hand, the involvement of connected devices in every aspect of humans poses serious concerns of potential leaks of personal information.

Topics of interest include but are not limited to:

- wireless communications security and privacy
- Network security
- Internet-of Things
- sensors and actuators
- 5G and 6G security
- cyber-physical systems
- physical layer security
- artificial intelligence
- edge computing
- automatic control network
- 3C security design



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Special Issue



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Message from the Editor-in-Chief

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