Special Issue

Security and Privacy of Wireless Networks

Message from the Guest Editor

From laptops to smartphones and from connected objects to mobile cyber-physical systems, the number of wireless devices has tremendously increased over the past two decades, as evidenced by the mobile traffic growth rate. If the underlying wireless networks rely on very different architectures and technologies, ranging from centralized cellular networks to distributed ad-hoc-like networks, they all present a relative fragility when it comes to security. For this Special Issue, we invite authors to submit original, previously unpublished articles concerning all types of wireless networks, including 4G/5G networks, Wireless Local Area Networks, ad-hoc, sensors, mesh, vehicular, body area and delay tolerant networks. We welcome theoretical and practical contributions addressing all aspects of wireless networks security and privacy, including:

- Privacy and anonymity
- Attacks and threats characterization
- Intrusion Detection & Prevention
- Networks forensics
- Authentication
- Access Control
- Key distribution & management
- Cryptography and cryptanalysis
- Trust models & trust management
- Secure Architectures
- Wireless Networks resilience

Guest Editor

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Deadline for manuscript submissions

closed (15 July 2018)

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About the Journal

Message from the Editor-in-Chief

I encourage you to contribute research and comprehensive review articles for publication in Journal of Sensors and Actuator Networks (JSAN), an international, open access journal which provides an advanced forum for research findings in areas of sensors and actuators. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sensors and actuators and fostering applications of sensor-based measurements and effective actuator incorporation.

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