Special Issue

Sensors and Actuators: Security Threats and Countermeasures

Message from the Guest Editors

This Special Issue is dedicated to research on the latest developments in sensors and actuators security threats and countermeasures. It is aimed to explore the key security challenges, including the legal basis, facing consumers and technology vendors. The focus is on investigating cybersecurity threats and the solutions needed to respond to them. Topics of interest include but not limited to:

- Wireless and sensor network emerging threats and defenses
- Cyber Resilience in wireless sensor networks
- Secure by design principles in the IoT/SIoT paradigms
- Secure wireless sensor network communication protocols
- Novel authentication and access control, including attribute-based authentication and zero trust networks
- Ransomware attacks on IoT and embedded sensory systems
- Physical security of sensors and actuators
- Base device platform analysis and forensic investigations
- Threat Modelling and Threat Hunting in Sensors' Hardware
- Secure decentralized data storage and processing technologies in WSNs

Guest Editors

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Deadline for manuscript submissions

closed (30 June 2019)

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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.

Editor-in-Chief

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