Journal of
Sensor and Actuator Networks

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Privacy and Security of Networking

Guest Editor:

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Deadline for manuscript submissions:
closed (31 July 2019)

Message from the Guest Editor

The proliferation the Internet-of-Things (IoT), mobile, and sensory devices, coupled with their pervasiveness worldwide, raises major conceptual and security concerns about the architectures that organize tomorrow's compute infrastructure, its scalability, and privacy and security requirements. Future novel architectures need to support the shift from edge devices consuming data to edge devices being a voluminous producer of data. This raises multiple questions concerning data placement, securing data, privacy, processing, and sharing. Edge computing is at the heart of such novel architectures, in which compute and storage resources are placed at the network edge, in proximity to mobile and IoT devices.

In this Special Issue, we are seeking submissions that focus on secure data-centric edge architectures and privacy preserving data sharing frameworks that will enable compelling new applications and fully realize the opportunity of big data in tomorrow's mobile and IoT device environments. Information-centric networking (ICN) is a new network architecture that provides access to named data as a first order network service, providing better trust in data authenticity.

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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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