Special Issue

Communication, Security, and Privacy in IoT

Message from the Guest Editors

The advancements in edge/fog computing and AI/machine learning technologies will promisingly handle and understand the massive data generated by IoT devices, opening up new IoT application opportunities. Additionally, the emerging blockchain/distributed ledger technologies may enhance IoT security and privacy and drive the peer-to-peer exchange market between IoT devices (e.g., using cryptocurrency). In this context, there is a demand for novel communication, security, and privacy paradigms aiming to reach the full potential of IoT. This Special Issue seeks original articles on recent advances, solutions, and new challenges in those IoT-related issues. Potential topics include, but are not limited to:

- New networking and computing architectures for IoT;
- Evaluation and model wireless communication, transport protocols in IoT;
- New security- and privacy-preserving mechanisms in IoT;
- Blockchain/distributed ledger technologies in IoT;
- Novel payment/micropayment methods in IoT;
- Scalability, adaptability solutions for IoT;
- New IoT applications toward Sustainable Development Goals.

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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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