Special Issue

Mobile Sensing and IoT Security

Message from the Guest Editor

With the advances in mobile technologies, mobile devices are now equipped with many sensors, powerful processors, big memories, and wireless communication modules. However, concerns are being raised in regard to security, privacy, and trust in the context of mobile crowdsourcing. It is important to protect security and privacy in the IoT era for the following reasons: data heterogeneity, human mobility, device diversity, and dynamic topology. This Special Issue aims to gather the latest research outcomes and developments in security, privacy, and trust in mobile and IoT contexts. Topics of interest include but are not limited to:

- Advanced security models for IoT networks and the mobile internet;
- Privacy protection algorithms or mechanisms for data sharing over IoT networks and the mobile internet;
- Novel and lightweight authentication methods for different roles in IoT networks and the mobile internet;
- Trust management models considering diverse trust levels in IoT networks and the mobile internet;
- Evaluation of blockchain-based security and privacy systems for IoT networks and the mobile internet;
- Other security or privacy research directions are also welcome.

Guest Editor

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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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