Message from the Guest Editors

Dear Colleagues,

With the exponential growth of the Internet of Things (IoT) and cyber-physical systems (CPS), a wide range of IoT applications have been developed and deployed in recent years. To match the heterogeneous application requirements in IoT and CPS, many resource-constrained IoT devices are deployed, in which privacy and security have emerged as big challenges because they have not been designed to have effective security features.

Despite the fact that many security solutions have been developed for the Internet, there are major concerns regarding the resource-constrained environments in IoT and CPS, including data encryption, privacy-preservation, vulnerabilities, threats, attacks, controls, etc. To address these privacy and security challenges, appropriate technologies have to be developed for resource-constrained environments in IoT.

This Special Issue aims to unveil and address the privacy-preservation and security issues and challenges in IoT and CPS. Suggested topics include, but are not limited to, the following.

- Secure data sharing in IoT and CPS
- Secure computation in resource constrained environment
- Location privacy in IoT and CPS
- Lightweight cryptography for low-resource devices in IoT and CPS
- Searable encryption
- Access control in IoT and CPS
- Key management
- Information diffusion
- Privacy and security in mobile devices and networks
- Forensics in IoT and CPS
- Privacy and security in healthcare-related IoT and CPS
- Human aspects of security and privacy issues
- Secure authentications of devices

Deadline for manuscript submissions: 31 December 2018
Message from the Editorial Board

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 application each year.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High visibility: indexed by the Science Citation Index Expanded (Web of Science), MEDLINE (PubMed), Ei Compendex, Inspec (IET) and other databases.

Rapid publication: manuscripts are peer-reviewed and a first decision provided to authors approximately 24 days after submission; acceptance to publication is undertaken in 5.6 days (median values for papers published in this journal in 2017).

Contact us

Sensors
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland
Tel: +41 61 683 77 34
Fax: +41 61 302 89 18
www.mdpi.com
sensors@mdpi.com
@Sensors_MDPI