Special Issue

Sensor Data Privacy and Intrusion Detection for IoT Networks

Message from the Guest Editor

The Internet of Things has begun to evolve its applications in various sectors of human life through smart and portable devices and wireless communication. Sensor data collection, aggregation, transmission, and analysis in IoT networks should be carried out without any data disclosure. Fortunately, highly secure and privacy-sensitive data in IoT networks can be protected with intelligent privacy-preserving techniques and trustable data processing mechanisms. Of course, data owners and service providers would always like to utilize privacy-aware data trading mechanisms. Even so, security risks in IoT networks are increasing due to the limited security protection of devices and the decentralized nature of routing and communication. Thus, offering intelligent and ubiquitous services and data to customers under various security threats via IoT networks is the primary objective of this Special Issue.

Guest Editor

Dr. Morshed Chowdhury
School of Info Technology, Deakin University, Burwood, VIC 3125, Australia

Deadline for manuscript submissions

closed (25 April 2025)

Sensors

an Open Access Journal by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed

mdpi.com/si/186681

Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

mdpi.com/journal/sensors

Sensors

an Open Access Journal by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed

mdpi.com/journal/sensors

About the Journal

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.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro
Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

Author Benefits

Open Access:

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

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Ei Compendex, Inspec, Astrophysics Data System, and other databases.

Journal Rank:

JCR - Q2 (Instruments and Instrumentation) / CiteScore - Q1 (Instrumentation)