



## Security and Privacy of the Internet of Things for Industrial Applications

Guest Editors:

**Prof. Dr. Rongxing Lu**

**Dr. Sajjad Dadkhah**

**Prof. Dr. Jianting Ning**

**Dr. Beibei Li**

Deadline for manuscript  
submissions:

**closed (30 November 2023)**

### Message from the Guest Editors

Dear Colleagues,

In recent years, the Industrial Internet of Things (IIoT), which uses IIoT devices together with big data and machine learning techniques, has greatly transformed manufacturing and industrial processes, not only improving productivity and analytics, but also transforming workplaces. Nevertheless, the Industrial IIoT still faces many security and privacy challenges. If those challenges cannot be dealt with, the Industrial IIoT cannot reach its final stage of development.

This Special Issue, therefore, aims to collate original research and review articles on recent advances, technologies, solutions, applications, and new challenges in the field of Industrial IIoT.

Potential topics include, but are not limited, to the following:

- Industrial IIoT trust, security and privacy;
- Trustworthy Industrial IIoT data management;
- AI-based data analytics for Industrial IIoT;
- Industrial IIoT security protocols;
- Cybersecurity for OT/IT convergence;
- Digital twin security and privacy in Industrial IIoT;
- Blockchain technologies in Industrial IIoT.

Dr. Rongxing Lu; Dr. Sajjad Dadkhah; Dr. Jianting Ning; Dr. Beibei Li

*Guest Editors*





*sensors*



an Open Access Journal by MDPI

## 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

## 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.

## 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 (*Chemistry, Analytical*) / CiteScore - Q1 (Instrumentation)

## Contact Us

---

*Sensors* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/sensors](http://mdpi.com/journal/sensors)  
[sensors@mdpi.com](mailto:sensors@mdpi.com)  
[X@Sensors\\_MDPI](#)