

Special Issue

Data Protection and Privacy in Industry 4.0 Era

Message from the Guest Editors

Industry 4.0 includes many technological aspects that have led to an integrated digital manufacturing environment. The thoroughly interconnected ecosystem of Industry 4.0 has to meet many security challenges and threats for each component. In addition to this, the significant and rapid inclusion of the Internet of Things (IoT) in our daily lives, together with the rapidly increasing number of cyber security incidents, further stress the need to strengthen cyber resilience and preserving users' privacy for protecting the information of individuals from exposure in the IoT environment. The large attack surface in terms of connected devices and the complex processes involved in the IoT ecosystem can lead to more sophisticated physical attacks on IoT systems. With such a wide attack surface, these innovative and emerging infrastructures and applications based on IoT can effectively serve their purpose only if privacy and security challenges are addressed. This Special Issue aims to solicit high-quality research articles addressing key challenges and state-of-the-art solutions for security and privacy issues related to Industry 4.0 technologies and applications.

Guest Editors

Prof. Dr. Chrysostomos Stylios

Department of Informatics and Telecommunications, University of Ioannina, 45110 Ioannina, Greece

Dr. Kyriakos Stefanidis

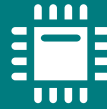
Industrial Systems Institute, 26504 Athena, Greece

Dr. Vasiliki Liagkou

Department of Informatics & Telecommunications, University of Ioannina, 45110 Ioannina, Greece

Deadline for manuscript submissions

closed (30 April 2025)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/178929

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

[mdpi.com/journal/
sensors](https://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](https://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
Department of Electrical and Information Engineering, Politecnico di Bari, Via Orabona 4, 70126 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)