

Special Issue

Cyber Physical System: Security and Resilience Challenges and Solutions

Message from the Guest Editors

This Special Issue will include methods, technologies, processes, solutions, and tools on the topic of security and resilience of CPS. Topics of interest include, but are not limited to, the following:

- Unique sector-specific attack pattern and defense strategies for CPS;
- Dynamic risk management;
- AI-enabled solutions for security and resilience;
- Incident detection and response;
- Resilience framework for CPS;
- Threat intelligence and information sharing;
- Threat modelling and vulnerability assessment;
- Virtual reality-based simulation and evaluation;
- Advanced penetration testing;
- Cyber security certification scheme;
- Best practice for legal compliance;
- Conformity with AI and digital resilience act.

Guest Editors

Prof. Dr. Shareeful Islam

Dr. Sotiris Ioannidis

Dr. Spyros Papastergiou

Prof. Dr. Marc-Oliver Pahl

Deadline for manuscript submissions

closed (10 February 2026)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/194807

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)