

## 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 9.4  
Indexed in PubMed



[mdpi.com/si/194807](https://mdpi.com/si/194807)

*Sensors*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sensors@mdpi.com](mailto:sensors@mdpi.com)

[mdpi.com/journal/  
sensors](https://mdpi.com/journal/sensors)





# Sensors

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.5  
CiteScore 9.4  
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)