

## Special Issue

# Selected Papers From the 1st International Conference on AI Sensors (AIS)

### Message from the Guest Editors

This Special Issue was created in collaboration with AIS-I3S 2024. It comprises five symposia. The conference participants are cordially invited to contribute a full manuscript to this Special Issue and receive a 20% discount on the Article Processing Charge.

S1: Wearable AI Sensors

S2: Energy Harvesting Technology for Self-Sustained AIoT System

S3: Enabling Technologies for Neuromorphic Computing and Photonics Neural Networks

S4: Haptic Technology for Future Metaverse Applications

S5: Advances in Intelligent Sensors and Robots for AI-Enhanced Applications - Industry 5.0, Digital Twin, Smart Homes, Healthcare, and Rehabilitation

---

### Guest Editors

Prof. Dr. Chengkuo Lee

Department of Electrical and Computer Engineering, National University of Singapore, Singapore 117576, Singapore

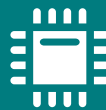
Prof. Dr. Po-Liang Liu

Graduate Institute of Precision Engineering, National Chung Hsing University, Taichung 402, Taiwan

---

### Deadline for manuscript submissions

closed (31 December 2024)



## Sensors

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.5  
CiteScore 8.2  
Indexed in PubMed

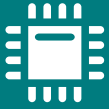


[mdpi.com/si/206940](https://mdpi.com/si/206940)

*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 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)