

## Special Issue

# The Internet of Things: Sensing Applications and Developments

### Message from the Guest Editors

The special issue's goal is to compile reviews and contributions on cutting-edge scientific and technical techniques, best practices, and innovations related to IoT sensors for sensing, applications, and developments. Through the creation of a large collection of articles showcasing recent advancements, fresh experiences, and innovative ideas, this special issue aims to cultivate and gather knowledge in this context for the benefit of industrial practice and research.

#### Relevant topics include:

- Scalable IoT architectures, including semantic interoperability
- IoT Standards, sensing, applications, and development.
- IoT-based Fog - Cloud Interactions and Enabling Protocols.
- Edge Artificial Intelligence and edge computing applications and technologies.
- IoT Architecture design, interoperability, and technologies.
- Safety, Security, and Privacy Risks and Guarantees in IoT and Cyber-Physical Systems.
- IoT-based Digital Twins and Inter-Realities.
- Artificial Intelligence and IoT.

---

### Guest Editors

Dr. Awais Ahmad

Prof. Dr. Abdellah Chehri

Dr. Gwanggil Jeon

---

### Deadline for manuscript submissions

closed (31 January 2024)



## Sensors

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.5  
CiteScore 8.2  
Indexed in PubMed



[mdpi.com/si/175765](https://mdpi.com/si/175765)

*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

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 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)