

## Special Issue

# Artificial Intelligence and Computing in IoT-Based Applications

### Message from the Guest Editor

This featured topic seeks comprehensive discussions on innovative functionalities and technologies, including protocols, across a diverse range of computing and networking equipment. Examples of such equipment include base stations, femtocells/small cells, mobile phones, Wi-Fi routers, and edge computing servers. The topic encompasses various perspectives, such as amalgamated algorithms, allocation schemes, incentive modeling, and optimization. The goal is to offer tutorial information, share recent research outcomes, review economic opportunities, address technical challenges, explore potential regulatory solutions, and identify emerging trends. Through this feature topic, we aim to promote a deeper understanding of the advancements in computing and networking domains, fostering collaboration and knowledge dissemination among researchers and practitioners. **Keywords:** AI; computing-networking amalgamation system; AI computing services; IoT-based applications

### Guest Editor

Dr. Chao Qiu

College of Intelligence and Computing, Tianjin University, Tianjin 300072, China

### Deadline for manuscript submissions

closed (20 February 2024)



## Sensors

---

an Open Access Journal  
by MDPI

---

**Impact Factor 3.5**  
**CiteScore 8.2**  
**Indexed in PubMed**



[mdpi.com/si/180496](https://mdpi.com/si/180496)

*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/](https://mdpi.com/journal/)

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





# 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)