

## Special Issue

# Intelligent Sensing, Computing, Caching, and Networking Technologies for Space–Air–Ground Integrated Networks

### Message from the Guest Editors

- Space–Air–Ground Integrated Networks (SAGINs) have recently gained great attention from academia and industry as a key direction for next-generation information networks, aiming for user access and service provision anytime and anywhere. However, SAGINs face technical obstacles due to the heterogeneity of the space, air, and ground networks. Fortunately, advanced techniques such as Software-Defined Networks (SDNs), Network Function Virtualization (NFV), Service Function Chains (SFCs), and Machine Learning (ML) can facilitate network control and management, resource allocation, traffic steering, content caching, service orchestration, and security enhancement, addressing many challenges in SAGINs.
- This Special Issue focuses on any intelligent sensing, computing, caching and networking technologies for SAGINs, and the purpose is to promote corresponding researchers and experts to present their novel ideas and recent findings, shedding light on the rapid development of this field. Original research and review papers are both welcomed.

---

### Guest Editors

Dr. Bohao Feng

Prof. Dr. Huachun Zhou

Dr. Yuming Zhang

Prof. Dr. IIsun You

---

### Deadline for manuscript submissions

closed (25 August 2025)



## Sensors

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.5  
CiteScore 8.2  
Indexed in PubMed



[mdpi.com/si/212386](https://mdpi.com/si/212386)

*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)