

## Special Issue

# Multuser mmWave MIMO Communications

### Message from the Guest Editors

This Special Issue invites researchers to present new ideas to address the challenges of multuser mmWave MIMO communications and seeks to compile together original research and review articles on recent advances in the field. Potential topics include, but are not limited to:

- Efficient precoding schemes for multuser mmWave MIMO;
- System-level performance analysis and optimization;
- Energy efficiency optimization for multuser mmWave MIMO;
- Beam-tracking algorithms for mmWave MU-MIMO in V2X;
- Interference management for mmWave MU-MIMO in UDNs;
- Intelligent radio resource allocation for mmWave MU-MIMO;
- Measurement studies and deployment use cases for mmWave MU-MIMO;
- Channel modeling and estimation for mmWave MU-MIMO
- Interplay of mmWave MU-MIMO with RIS/IRS and NOMA.

---

### Guest Editors

Dr. Sherif Adeshina Busari  
Prof. Dr. Jonathan Rodriguez  
Prof. Dr. Charalampos Tsimenidis

---

### Deadline for manuscript submissions

closed (20 June 2024)



## Sensors

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.5  
CiteScore 9.4  
Indexed in PubMed



[mdpi.com/si/171610](https://mdpi.com/si/171610)

*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)