

## Special Issue

# Advances in Security of Mobile and Wireless Communications

### Message from the Guest Editor

The advancements in mobile and wireless communications have transformed industries such as transportation and healthcare. This has expanded the capabilities of our world, but it has also brought about new cybersecurity challenges. The surge in connected devices produces large amounts of data, making them attractive to potential attackers and creating new vulnerabilities. Mobile malware, wireless sensor network intrusion, and data breaches are serious threats that need to be addressed. As technology continues to evolve, the sophistication of attacks is also increasing, making traditional security measures inadequate. This Special Issue explores cutting-edge mobile and wireless communications security developments, including machine learning (ML)-based security solutions; malware, intrusion, and anomaly detection; risk assessment; and security protocols. The Special Issue aims to report high-quality research on recent advances in mobile and wireless communications security. Topics of interest include, but are not limited to, those covered by the keyword list below.

### Guest Editor

Dr. Hyounghick Kim

Department of Computer Science and Engineering, College of Computing, Sungkyunkwan University, Seoul 06351, Republic of Korea

### Deadline for manuscript submissions

15 October 2025



## Sensors

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.5  
CiteScore 8.2  
Indexed in PubMed



[mdpi.com/si/178039](https://mdpi.com/si/178039)

*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)