



*sensors*



an Open Access Journal by MDPI

## Performance, Simulation and Modelling of Sensors Networks in the Context of IoT, Edge Computing, and AI

Guest Editors:

**Dr. Aris Leivadeas**

Department of Software and  
Information Technology  
Engineering, École de  
technologie supérieure,  
Montreal, QC H3C 1K3, Canada

**Dr. Vasileios Karyotis**

Department of Informatics,  
Ionian University, 49100 Corfu,  
Greece

**Dr. Dimitrios Dechouniotis**

Department of Electrical and  
Computer Engineering, National  
Technical University of Athens,  
15780 Athens, Greece

### Message from the Guest Editors

The Internet of Things (IoT) is gaining considerable momentum. Even though the term was captured the previous decade and actual implementations of IoT did not start for some years later, we are already currently living in the fourth industrial revolution. The core component of this revolution are sensor networks and the data they generate. As the cost of sensors and actuators is decreasing and data analysis can render the applications more intelligent, the IoT thrives.

This Special Issue is soliciting conceptual, theoretical, and experimental contributions to a set of currently unresolved challenges in the area of sensor networks, IoT, Edge Computing, and AI.

Deadline for manuscript  
submissions:

**closed (30 June 2023)**



[mdpi.com/si/92426](https://mdpi.com/si/92426)

# Special Issue



*sensors*



an Open Access Journal by MDPI

## 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

## 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.

## 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 & Instrumentation*) / CiteScore - Q1 (*Instrumentation*)

## Contact Us

*Sensors* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/sensors](http://mdpi.com/journal/sensors)  
[sensors@mdpi.com](mailto:sensors@mdpi.com)  
[X@Sensors\\_MDPI](#)