

## Special Issue

# Sensors Technologies for Intelligent Transportation Systems

### Message from the Guest Editors

Modern society is facing important challenges related to transportation systems, including but not limited to pollution, safety and congestion. In this Special Issue, we want to explore how sensor technology can be integrated with transportation infrastructure to achieve a sustainable ITS and how safety, traffic control and infotainment applications can benefit from multiple sensors deployed in different elements of an ITS. Topics of interest include (but are not limited to) the following:

- Sensor technologies for intelligent transportation systems
- Connected vehicles and communication technologies
- Sensor and information fusion
- Distributed intelligent transportation systems technologies
- Cooperative driving
- Applications and services for real-time traffic management
- Vehicle navigation and localization-based advanced sensor technologies
- HD and accurate mapping systems
- Peer-to-peer data sharing for fleet management and safety purposes
- Traffic sensor management for routing and computing and traffic control

### Guest Editors

Prof. Dr. Ignacio Parra Alonso

Prof. Dr. Noelia Hernández Parra

Dr. Iván García Daza

Dr. Augusto Luis Ballardini

Prof. Dr. David Fernández-Llorca

### Deadline for manuscript submissions

closed (1 November 2021)



## Sensors

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.5  
CiteScore 8.2  
Indexed in PubMed



[mdpi.com/si/64039](https://mdpi.com/si/64039)

*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)