

## Special Issue

# Vehicle-to-Everything (V2X) Communications

### Message from the Guest Editor

Over the last few years, there have been a large number of advancements in communication and computation technologies, and many of these technologies are being embedded in the vehicles of the future. These vehicles, dubbed “networks-on-wheels”, are able to communicate with various elements of intelligent transportation systems, including pedestrians, vehicles, and infrastructure, and hence led to the term vehicle-to-everything (V2X). Whether based on cellular networks or dedicated short-range communications (DSRC), V2X is the main enabler for advanced driver assistance systems (ADAS), and has the potential to make the transportation system safer, more efficient, and more environmentally friendly. This Special Issue of the *Sensors* magazine looks at recent research and developments in the area of V2X, as well the remaining challenges and road blocks.

- Intelligent vehicles
- Intelligent transportation systems
- 5G mobile communication
- Vehicle-to-vehicle communication
- V2X communications
- Vehicle safety
- Vehicular ad hoc networks
- Mobility management

---

### Guest Editor

Dr. Khalil El-Khatib

1. Faculty of Business and Information Technology, Ontario Tech University, Oshawa, ON, Canada
2. Institute for Cybersecurity and Resilient Systems (ICRS), Faculty of Business and Information Technology, Ontario Tech University, Oshawa, ON, Canada

---

### Deadline for manuscript submissions

closed (30 December 2021)



## Sensors

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.5  
CiteScore 8.2  
Indexed in PubMed



[mdpi.com/si/58569](https://mdpi.com/si/58569)

*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)