



Sensors and Modern Technologies for Road, Robotic, and Intelligent Vehicle

Guest Editors:

Dr. Adam Idzkowski

Prof. Dr. Vytautas Bucinskas

Dr. Damian Grzechca

Prof. Dr. Reza Malekian

Dr. Andrius Dzedzickis

Deadline for manuscript
submissions:

closed (31 March 2022)

Message from the Guest Editors

Dear Colleagues,

The aim of this Special Issue is to contribute to the state-of-the-art and to introduce current developments concerning modern vehicles, i.e., sensors and applications in measuring and automation control systems, power management systems, and artificial intelligence-based systems. We encourage potential authors to submit contributions of original research, novel developments, and substantial experimental works concerning road, robotic, and intelligent vehicles. The following are some examples of topics of interest for this issue:

- Robotic and automotive sensors
- Drone-based sensor platforms
- Sensors and applications in measuring and automation control systems
- Sensor and information fusion
- Electric and hybrid vehicles
- Autonomous/intelligent robotic vehicles
- Energy harvesting for automotive applications
- Solar power management systems
- Robotics and machine learning (ML)
- Artificial intelligence and autonomous vehicles
- Predictive maintenance of vehicles in smart cities
- Advanced driver-assistance systems (ADAS) methodology, algorithms, and devices (application of LiDAR, Radar, Video, Thermovision)
- Industrial applications





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 (*Chemistry, Analytical*) / CiteScore - Q1 (Instrumentation)

Contact Us

Sensors Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sensors
sensors@mdpi.com
[X@Sensors_MDPI](#)