

Special Issue

Modern Diagnostics Systems in Transport

Message from the Guest Editors

In this Special Issue dedicated to the diagnostics of systems in cars, trains, planes and ships, we collect articles on many aspects of vehicle and infrastructure diagnostics, such as multi-sensor fusion, big data processing, sensors related to science/research, algorithms/technical development, analytical tools, synergy with sensors in electronic systems, data fusion and artificial intelligence methods for transport asset diagnostics. Topics of interest include, but are not limited to: Diagnostics of car electronic systems Diagnostics of electronic systems of trains Diagnostics on aircraft electronic systems Diagnostics on electronic systems of ships Diagnostics of electronic systems of infrastructure Sensor data processing, data reduction, feature extraction and image understanding Automatic target and obstacle detection and classification Algorithms and methods for target tracking and collision avoidance Artificial intelligence for navigation and sensor data processing Big data processing for in-vehicle electronic systems Path planning methods for autonomous vehicle navigation

Guest Editors

Prof. Dr. Jerzy Kisilowski

Prof. Dr. Waław Szczesniak

Prof. Dr. Jan Targosz

Dr. Rafał Kowalik

Deadline for manuscript submissions

closed (30 January 2023)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/81352

Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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)