

Special Issue

Mechatronics Technology and Its Application in Intelligent Transportation

Message from the Guest Editor

The world population is already approaching eight billion people, and the number of vehicles in operation has surpassed one billion units. According to OICA (International Organization of Motor Vehicle Manufacturers) statistics, almost one hundred million vehicles are produced yearly, and the number is increasing. With further globalization, industrialization, and urbanization, the trend of the fast growth of the mobility industry is one of the main challenges of the 21st century. Mechatronics is defined as the combination of mechanical, electrical, and electronic engineering with computational power. The design of any mechatronic system is a multidisciplinary activity and is performed to attain product-related advantages, which cannot be obtained by monodisciplinary efforts. Along with the benefits from having several engineering disciplines involved in the design activity, the application of mechatronics technology may be a key factor in intelligent transportation development. This Special Issue is addressed to all types of mechatronics technology for the transportation industry.

Guest Editor

Prof. Dr. Anton Rassõlkin

Department of Electrical Power Engineering and Mechatronics, Tallinn University of Technology, 19086 Tallinn, Estonia

Deadline for manuscript submissions

closed (30 June 2023)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/117354

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)