

## Special Issue

# Advanced Intelligent Control in Robots

### Message from the Guest Editors

This SI aims to present and communicate new trends in the design, control, and applications of real-time intelligent sensor system control using advanced intelligent control methods and techniques in robotics. We welcome the submission of original research papers and review papers that report recent advancements in intelligent control using intelligent sensors. In particular, we encourage submissions related to the use of innovative multisensor fusion techniques integrated on robots that combine computer vision, virtual and augmented reality (VR/AR), intelligent communication, adaptive sensor networks, and intelligent decision support systems (IDSS) and their integration with DSS, such as GA-based DSS, fuzzy set DSS, rough-set-based DSS, sensory and robotic DSS, human-robot (H2R) interaction systems, and machine-to-machine (M2M) interfaces.

- Advanced intelligent control
- Robot control
- Rehabilitation
- Mobile robots
- Intelligent sensor systems
- Intelligent decision support systems
- New technologies
- Adaptive sensor networks
- Virtual and augmented reality
- Intelligent remote control and communication

### Guest Editors

Prof. Dr. Luige Vladareanu

Prof. Dr. Hongnian Yu

Prof. Dr. Hongbo Wang

Dr. Yongfei Feng

### Deadline for manuscript submissions

closed (31 December 2022)



## Sensors

an Open Access Journal  
by MDPI

Impact Factor 3.5  
CiteScore 8.2  
Indexed in PubMed



[mdpi.com/si/88009](https://mdpi.com/si/88009)

*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)