

## Special Issue

# Modeling, Monitoring, Diagnosis, Prognosis and Control in Electromechanical Systems

### Message from the Guest Editors

This Special Issue will collate original research articles as well as review articles. Potential topics include, but are not limited to:

- Modeling methodology of complex electromechanical systems;
- Fault detection;
- Image- and signal-based diagnosis;
- Prognosis of remaining useful life of core equipment;
- System modeling, identification and prediction;
- Intelligent control and automation;
- Process control, motion control, force control, vibration control and fault-tolerant control;
- Fuzzy logic systems;
- Swarm intelligence and evolutionary algorithms;
- Machine learning methods;
- Signal processing and pattern recognition;
- Hybrid algorithms in intelligent transportation;
- The control of intelligent and unmanned systems.

### Guest Editors

Dr. Jing Zhao

Department of Electromechanical Engineering, University of Macau, Macau, China

Prof. Dr. Pak Kin Wong

Faculty of Science and Technology, University of Macau, Macau 999078, China

### Deadline for manuscript submissions

closed (25 March 2023)



## Sensors

an Open Access Journal  
by MDPI

Impact Factor 3.5  
CiteScore 8.2  
Indexed in PubMed



[mdpi.com/si/119112](https://mdpi.com/si/119112)

*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)