Special Issue

Intelligent Sensing and Automatic Device for Industrial Process

Message from the Guest Editors

Sensing is critical when enabling the industrial monitoring and control system to gain access to internal information about operating statuses and state trajectories. However, the harsh industrial environment, multi-phase field strong coupling, and complex material composition make a bottleneck in obtaining and analyzing vital information in the industrial process. With Industry 4.0 presenting the notions of digitalization and communication, intelligent sensing and automatic device offer a wide range of possibilities for accurate extraction of key features and intelligent analysis of information in industrial application scenarios.

This Special Issue will cover the latest original sensing technology and automatic devices, including spectral analysis, radiation detection, visual perception, etc. Intelligent sensing theoretical and experimental works are also welcome, including (but not limited to) sensing principles, sensing methods, and sensing modeling.

Please contact the or the Assistant Editor at (ava.jiang@mdpi.com) for any queries. Please access the website for more information. https://www.mdpi.com/si/149349

Guest Editors

Dr. Can Zhou

School of Automation, Central South University, Changsha 410083, China

Prof. Dr. Chunhua Yang

School of Automation, Central South University, Changsha 410083, China

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/149349

Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

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

MDPI

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)