



Sensor System and Signal Analysis in Automatic and Intelligent Manufacturing under Industry 4.0

Guest Editors:

Dr. Qinghe Zheng

Dr. Yajun Zhang

Prof. Dr. Hui Hu

Dr. Lisu Yu

Deadline for manuscript
submissions:
closed (31 July 2023)

Message from the Guest Editors

Industry 4.0 is the fourth industrial revolution, dominated by automatic and intelligent manufacturing that improves the operation efficiency of society through various technologies, such as automatic production, intelligent control, and intelligent monitoring.

So far, sensor techniques have been deeply studied in theory by researchers around the world, and intelligent edge computing based on sensor systems has been widely used and developed in the industry. The purpose of this Special Issue is to gather a collection of articles on the latest research and developments in this field.

- sensors
- physical sensors
- intelligent sensors
- sensor network
- quality monitoring
- product inspection
- automatic production
- IoT applications
- pattern classification





sensors



an Open Access Journal by MDPI

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

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.

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 (*Chemistry, Analytical*) / CiteScore - Q1 (Instrumentation)

Contact Us

Sensors Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sensors
sensors@mdpi.com
[X@Sensors_MDPI](#)