



sensors



an Open Access Journal by MDPI

Towards Even-Smarter Factories: Advances in Sensor and Digital Technology Integration

Guest Editors:

Dr. Maria Valero Bernal

Department of Mechanical Engineering, University of Bristol, Bristol, UK

Prof. Dr. Nicolás Medrano

Ingeniería Electrónica y de Comunicaciones, Universidad de Zaragoza, Zaragoza, Spain

Dr. Ming Li

Department of Industrial and Systems Engineering, Hong Kong Polytechnic University, Kowloon, Hong Kong

Deadline for manuscript submissions:

31 October 2024

Message from the Guest Editors

Dear Colleagues,

Advances in sensor and digital technologies like Micro-Electro-Mechanical Systems (MEMS), the Internet of Things (IoT), Cloud Computing and Big Data, among others, are transforming the manufacturing industry by enabling the so-called “smart factories”. Connected technology and data-driven factories and smart factories seek to adapt and respond to production challenges through enhanced and real-time monitoring, control, and the optimization of industrial processes. This Special Issue aims to publish original and visionary research works and review articles on advances in Smarter Factories. Topics to be covered include, but are not limited to, the following:

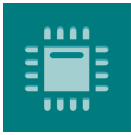
- Sensor applications in industrial automation;
- MEMS for industrial sensors;
- Smart manufacturing and industry;
- Industrial IoT sensors (IIoT sensors);
- Smart sensors/edge sensors;
- Sensors for machinery;
- Industry 5.0—sensor interaction/collaboration with humans.

Please contact the Guest Editors or Section Managing Editor at (zenia.jin@mdpi.com) for any queries.



mdpi.com/si/165058

Special Issue



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, Grosspeteranlage 5
4052 Basel, Switzerland

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

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