



*sensors*



an Open Access Journal by MDPI

## Sensors and Sensing Technology for Industry 4.0

Collection Editors:

**Dr. Mariusz Kostrzewski**

Faculty of Transport, Warsaw  
University of Technology,  
Warsaw, Poland

**Prof. Dr. Jorn Mehnert**

Design, Manufacturing and  
Engineering Management  
Department, The University of  
Strathclyde, Glasgow G1 1XJ, UK

### Message from the Collection Editors

The year 2021 is the 10th anniversary of the coining of the term “Industry 4.0”. For the past decade, Industry 4.0 has been addressed as one of the megatrends in production/manufacturing, and in other fields of industry. Although certain industrial sectors benefit from it more than others, the crucial impact of Industry 4.0 on the global economy is undisputed. This is especially true since companies have been able to collect and analyze unprecedented quantities of data, owing to the use of sensors (particularly smart sensors), monitoring instrumentation, accompanying devices and equipment (e.g., microprocessors or communication units), which make it possible to convert measurements into a readable signal simply by means of sensing technology.

The Guest Editor invites researchers and industry representatives in the global communities of IT, transportation, logistics, and production to contribute original research papers, review articles, and empirical studies to stimulate the debate within the scope of examinations on the application of sensors and sensing technologies, robotics, and automation, addressed in the keywords below.



[mdpi.com/si/104397](https://mdpi.com/si/104397)

**Topical** Collection



*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 (*Instruments & Instrumentation*) / 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](http://www.mdpi.com)

[mdpi.com/journal/sensors](http://mdpi.com/journal/sensors)  
[sensors@mdpi.com](mailto:sensors@mdpi.com)  
[X@Sensors\\_MDPI](#)