

Special Issue

Sensors for Manufacturing Process Monitoring

Message from the Guest Editors

Advanced manufacturing technology is needed to ensure less machine down-time, fewer scraps, higher productivity, easier system operability, fewer false alarms, higher product quality, and deeper knowledge about the process, and it must rely on the following critical key enabling technologies for sensor-based monitoring of manufacturing processes. In this Special Issue, original and review articles on the application of “Sensors for Manufacturing Process Monitoring” are solicited with reference to the various sectors of advanced manufacturing technology and systems.

- Manufacturing process monitoring
- Tool condition monitoring
- Quality control and assurance
- Nondestructive inspection
- Manufacturing system maintenance
- Energy and resource efficiency
- Machine learning for production engineering
- Digital factory
- Cyberphysical production systems
- Cloud-based manufacturing
- Industry 4.0

Guest Editors

Prof. Dr. Roberto Teti

Dr. Tiziana Segreto

Dr. Alessandra Caggiano

Deadline for manuscript submissions

closed (31 October 2021)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/33626

Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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)