



sensors



an Open Access Journal by MDPI

Next Generation IoT Applications in Smart Manufacturing and Industry 5.0

Guest Editors:

Prof. Dr. Antonio Corradi

Department of Computer Science and Engineering (DISI), Alma Mater Studiorum, Università di Bologna, 40126 Bologna, Italy

Prof. Dr. Shaofang Gong

Department of Science and Technology, Linköping University, Campus Norrköping, 602 21 Norrköping, Sweden

Dr. Domenico Scotece

Department of Computer Science and Engineering (DISI), Alma Mater Studiorum, Università di Bologna, 40126 Bologna, Italy

Deadline for manuscript submissions:

closed (15 January 2023)

Message from the Guest Editors

Dear Colleagues,

The market requirements imposed on manufacturing companies and the availability of new quality sensor technology and good Cloud continuum chains have created a necessity for new innovative services for Industry 5.0 and the Industrial Internet of Things (IIoT). The pandemic crisis has further stimulated the quest for new strategies and new investments and opportunities to accelerate research.

The large-scale chain of production, in both operation and information technologies (OT and IT), necessitates entirely new forms of operations. The potential for innovative services and data arriving from any possible source can lead to disruptive changes in OT, while the IT architecture must extend it in new ways, from any aspect in terms of Cloud, Edge, and Smart industrial applications.

This Special Issue of *Sensors* aims to collect both reviews and original research papers on advancing all aspects of IIoT related to manufacturing sensors, to push forward the technology for the Industry 5.0 era.



mdpi.com/si/90343

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 (*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

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