

Special Issue

5G and beyond Communication Networks in Industry 4.0

Message from the Guest Editors

The ambiguous landscape regarding 5G applications in Industry 4.0 has motivated the present Special Issue, whose aim is to introduce the current research activities in this area. Authors are invited to submit high quality papers on topics that include (but are not limited to) the following:

- Industrial Internet of Things (IIoT)
- Cloud/digital manufacturing and edge computing
- Machine learning and big data solutions for wireless communications in industry and manufacturing
- Time-sensitive communication solutions
- Hierarchical communication and data management
- Physical layer security
- Authentication and access control
- Propagation in harsh environments
- RF energy harvesting techniques and applications
- Wireless networked control systems
- Protocols for industrial automation platforms

Guest Editors

Dr. Petros Bithas

Department of Digital Industry Technologies, National and Kapodistrian University of Athens, 157 72 Athens, Greece

Prof. Dr. Demosthenes D. Vouyioukas

Computer and Communication Systems Laboratory, Department of Information and Communication Systems Engineering, University of the Aegean, 83200 Samos, Greece

Deadline for manuscript submissions

closed (20 February 2023)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/61225

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)