

Special Issue

Sensor Networks and Systems to Enable Industry 4.0 Environments

Message from the Guest Editor

the growth in number and application areas of connected devices is leading towards truly interactive environments, foreseen in the paradigm of the Internet of Things, providing the means to increase functionality and interrelation between multiple systems, such as Intelligent Transportation Systems, Smart Grids or Smart Health, among others. These capabilities can also be extended into production, manufacturing, logistic and maintenance areas, in which communication capabilities combined with data analysis and advances in Cyber Physical Systems provide the grounds for the advent of Industry 4.0 environments. Topics include, but are not limited to:

- Industry 4.0 Testbeds
- Wireless Sensor Network and device design following Industry 4.0 requirements
- Integration of Industry 4.0 with cloud processing capabilities
- Simulation and modelling of Industry 4.0 enabled processes
- Use cases of Cyber Physical Systems enabled for Industry 4.0 applications via WSN integration

Guest Editor

Prof. Dr. Francisco Falcone

Department of Electrical, Electronic and Communication Engineering & Institute for Smart Cities (ISC), Public University of Navarre, 31006 Pamplona, Spain

Deadline for manuscript submissions

closed (31 August 2018)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 7.3
Indexed in PubMed



mdpi.com/si/12163

Sensors
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 3.4
CiteScore 7.3
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 (Chemistry, Analytical) / CiteScore - Q1 (Instrumentation)