

Special Issue

Emerging Trends and Applications of Optical Fiber Sensors

Message from the Guest Editor

Due to the continuing rapid growth in demand for EM immune, electrically passive, and very accurate sensors with very small dimensions, higher and higher demands are placed on the evolving field of the application of sensors based on quartz and polymer fibers in Industry 4.0, Smart Cities, and biomedical engineering. This Special Issue focuses on emerging trends and applications of fiber optic sensors in the field Industry 4.0 (predictive maintenance, measurement of electrical and magnetic quantities, temperature and vibration sensors, etc.), smart cities (IoT sensors, automobile and rail transport, product pipelines leakages, smart waste management, structural health, fire detection, etc.) and biomedical engineering (magnetic resonance sensors, smart home care, wearable sensors, in vitro and in vivo sensors, etc.). For more information, please click: mdpi.com/si/76036

Guest Editor

Dr. Marcel Fajkus

Department of Telecommunications, Faculty of Electrical Engineering and Computer Science, VSB-Technical University of Ostrava, 17. Listopadu 2172/15, 70800 Ostrava, Czech Republic

Deadline for manuscript submissions

closed (30 November 2021)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/76036

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
Department of Electrical and Information Engineering, Politecnico di Bari, Via Orabona 4, 70126 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)