

Special Issue

Fiber Optic Sensors and Applications

Message from the Guest Editors

Contributions on applications of novel or existing fiber optic sensors are also welcome, especially those highlighting the opportunities offered by the unique features in optical fibers or the advantages of fiber sensor configuration with respect to current technologies. Relevant topics include, but are not limited to, the following:

- Advanced fiber design and fabrication for sensing applications;
- Fiber sensors for mechanical, chemical, environmental, biological, and medical applications;
- Applications in industry, life sciences, oil and gas, civil engineering, materials, and defense;
- Micro- and nanostructured fiber sensors;
- Fiber lasers for sensing applications;
- Distributed sensing;
- Sensor integration and data fusion, network architectures, packaging, and long-term reliability;
- Lab-on-fibers.
- AI-enabled fiber optic sensing and data processing.

Guest Editors

Prof. Dr. Swee Chuan Tjin

School of Electrical and Electronics Engineering, Nanyang Technological University, 50 Nanyang Avenue, Singapore 639798, Singapore

Prof. Dr. Lei Wei

School of Electrical and Electronic Engineering, Nanyang Technological University, Singapore, Singapore

Deadline for manuscript submissions

closed (31 July 2022)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/61472

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)