

Special Issue

Advanced Applications of Fiber Optic Sensors

Message from the Guest Editors

The aim of the upcoming Special Issue is to offer a platform to perform research and discussions on different types of FOSs for their advanced applications.

- grating-based fiber sensors
 - fiber Bragg grating (FBG)
 - long-period grating (LPG)
- interferometry-based fiber sensors
 - Fabry–Perot interferometer
 - Mach Zehnder interferometer
 - Sagnac interferometers
- distributed fiber optic sensors
 - Rayleigh scattering
 - Raman scattering
 - Brillouin scattering
- FOS signal-processing strategies
 - uncertainty propagation
 - dynamic scattering centers
- other novel and exceptional fiber optic sensors

Guest Editors

Dr. Soheli Rana

Dr. Daniel Sweeney

Dr. Austin Fleming

Deadline for manuscript submissions

closed (20 April 2023)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/139970

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)