

Special Issue

Advances in Fiber Optic Sensors for Energy Applications

Message from the Guest Editors

Fiber optic sensors have been exploited for the last several decades, and there have been significant advances in energy-monitoring applications. Fiber optic sensors represent a rapidly growing research area, where challenges concerning increased sensitivity, selectivity, resolution, harsh environment, and cost reduction capability need to be thoroughly addressed. This Special Issue aims to highlight the advancements and explore new findings that expand the possibilities of fiber-optic sensors usage in energy applications. Both original research papers and review articles describing the current state-of-the-art in this research field are welcome. This Special Issue brings out the immense diversity in every perspective of the evolution of fiber-optic sensor science and technologies. For more details, please visit [here](#).

Guest Editors

Dr. Michael P. Buric

Research & Innovation Center, National Energy Technology Laboratory,
3610 Collins Ferry Road, Morgantown, WV 26505, USA

Dr. Nageswara R. Lalam

Research & Innovation Center, Leidos/National Energy Technology
Laboratory, 626 Cochran Mill Road, Pittsburgh, PA 15236, USA

Deadline for manuscript submissions

closed (25 February 2025)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/112175

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)