

Special Issue

Sensors Based on Optical Waveguide

Message from the Guest Editors

This Special Issue aims to cover advancements, developments, and applications over a wide range of topics in this area. We solicit research papers from state-of-the-art contributions to critical reviews. Topics of interest include but are not limited to:

- Optical fiber sensors
- Integrated planar waveguide-based sensors
- Single mode, few mode, and multimode sensors
- Optical waveguides for sensing applications
- Specialty fibers for sensing application
- Photonic crystal fiber sensors
- Interferometric waveguide sensors
- Resonator waveguide sensors
- Optical waveguides sensor fabrication techniques
- Fiber Bragg gratings (FBG)
- Sensors for biomedical application
- Optical lab-on-chip sensors
- Optical fiber sensor multiplexing techniques
- Distributed fiber sensors
- Polymer optical fiber/waveguide sensors
- Novel waveguides for sensing applications

Guest Editors

Dr. Romeo Bernini

Dr. Genni Testa

Dr. Gianluca Persichetti

Deadline for manuscript submissions

closed (30 September 2021)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



mdpi.com/si/33949

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)