

Special Issue

Optical Fibers for Distributed Sensors

Message from the Guest Editors

We invite manuscripts, both reviews and regular submissions, for this forthcoming Special Issue, entitled “Optical Fibers for Distributed Sensors,” in all aspects pertinent to the optical fiber utilized in these systems:

- Optical fiber waveguide design and development
- Single mode, multimode, multicore, and microstructured fibers
- Novel materials, including glass, semiconductor, crystalline, and organic
- Multimaterial, composite, and “smart” fibers
- Raman, Rayleigh, and Brillouin sensing
- Active fiber technologies, such as rare earth, semiconductor, or nanoparticle doped fibers
- Fiber coating technology
- Designer response to thermomechanical environment, including athermal or atensic fiber sensors
- Fibers for harsh environments
- Cost-reducing and disruptive optical fiber technologies
- Novel applications and systems

Guest Editors

Dr. Peter Dragic

Department of Electrical and Computer Engineering, University of Illinois at Urbana-Champaign, Urbana, IL 61801, USA

Dr. John Ballato

The Center for Optical Materials Science and Engineering Technologies (COMSET) and the Department of Materials Science and Engineering, Clemson University, Clemson, SC, USA

Deadline for manuscript submissions

closed (31 December 2019)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 7.3
Indexed in PubMed



mdpi.com/si/23310

Sensors

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 3.4
CiteScore 7.3
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 (Chemistry, Analytical) / CiteScore - Q1 (Instrumentation)