

Special Issue

Optical Fiber Sensors 2018–2019

Message from the Guest Editors

Sensors based on optical fiber technology have been around for a long time, nonetheless, are constantly object of dynamic and fruitful fundamental and applied research, with a variety of new applications and developments. In this sense, we invite you to submit manuscripts for the upcoming Special Issue dedicated to all aspects relevant to optical fiber sensing. Full papers, communications, and reviews are welcome. Topics include, but are not limited to, are the following:

- Physical sensors, chemical sensors and biosensors
- Colorimetry, evanescent wave and infrared spectroscopies
- Plasmonic based sensors
- Optical fiber interferometers
- Micro and nano fabrication
- Functionalization methods
- Special fibers
- Theoretical and simulation studies
- Multiplexing of several parameters
- Sensor networking and distributed sensing
- Sensor applications

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Deadline for manuscript submissions

closed (31 May 2019)



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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.

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