

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. Sohel Rana
Dr. Daniel Sweeney
Dr. Austin Fleming

Deadline for manuscript submissions

closed (20 April 2023)



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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.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

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