

Special Issue

Fiber Optic Sensors and Applications

Message from the Guest Editors

This Special Issue focusses on all aspects of the recent research and development related to fibre optic sensors. The recent advances in fiber-based sensing technologies have enabled both fundamental studies and a wide spectrum of applications. The goal of this special issue is to bring attention to the most recent results in the field of fiber optic sensors, including new mechanisms, materials, processes and applications. Contributions on applications of novel or existing fibre optic sensors are also welcome, especially highlighting the opportunities offered by the unique features in optical fibres, or the advantages of fibre sensor configuration with respect to current technologies.

Keywords: fiber optic sensors; fabrication of fiber sensors; fiber lasers; multifunctional sensors; biophotonics; sensing systems; sensing signal and data processing

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Deadline for manuscript submissions

closed (29 February 2020)



Sensors

an Open Access Journal
by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed



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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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