

Special Issue

Embedding Optical Fiber Sensors and Applications

Message from the Guest Editors

The flexibility and small dimensions of optical fiber sensors in their many variants enable embedment in different structures with a variety of geometries and configurations. In the last few years, the embedment of optical fibers in concrete and composite structures has been reported in structural health monitoring applications. Similarly, such sensors are also integrated in dams or diaphragm construction walls for leakage monitoring. In addition, optical fibers are embedded in pipelines for their structural monitoring and the assessment of leakages, as well as in robotics, biomechanics, and biomedical applications. This Special Issue invites contributions dealing with the research and development of optical fiber sensors and their embedment in different flexible and rigid structures, which constitute the backbone of the next generation of smart structures. For more details, please visit [here](#).

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Deadline for manuscript submissions

closed (15 April 2023)



Sensors

an Open Access Journal
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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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