

Special Issue

Recent Progress in Optical Fiber Sensors for Structural Health Monitoring

Message from the Guest Editors

The goal of this Special Issue is to present a collection of original, high-impact research papers that showcase the latest advancements in OFSs for SHM. We welcome contributions that focus on cutting-edge OFS technologies and their novel applications, with a particular emphasis on innovation and practical relevance. In addition, we encourage the submission of comprehensive review papers that synthesize the current state of the art and outline future research directions in this field.

We welcome submissions covering a broad spectrum of topics, including, but not limited to, the following:

- The development of novel Optical Fiber Sensing technologies for SHM;

- Quantitative OFS performance assessment methodologies, such as Probability of Detection (POD) curves and alternative metrics;

- Integration of Machine Learning and Artificial Intelligence for OFS data interpretation and diagnostics;

- Emerging and innovative applications of OFS in diverse industrial sectors;

- Comprehensive review articles on established OFS technologies and their integration into SHM systems.

Guest Editors

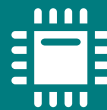
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Deadline for manuscript submissions

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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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