

Special Issue

Advances in the Design and Application of Optical Fiber Sensors

Message from the Guest Editor

This Special Issue of the journal *Sensors*, entitled “Advances in Design and Application of Optical Fiber Sensors”, aims to gather recent advancements in optical fiber sensors. Papers that focus on all aspects of the design and application of optical fiber sensors are welcome. The papers published in this Special Issue will contribute to the development of photonics and optics. This Special Issue will also provide a rapid publishing platform for scientific researchers to publish their innovative results. We invite submissions on a wide range of advances in the design and application of optical fiber sensors, including but not limited to:

- Physical sensors;
- Chemical sensors;
- Medicine sensors;
- Biology sensors;
- Gas sensors;
- Artificial intelligence applications in optical fiber sensors;
- Novel sensing mechanisms and methods.

Guest Editor

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Deadline for manuscript submissions

closed (15 June 2025)



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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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