Special Issue

Recent Advances and Tendencies in Highly Sensitive Fiber Optic Sensors

Message from the Guest Editor

Recent advances in fiber optics (FOs) and the numerous advantages of light over electronic systems have boosted the utility and demand for optical sensors in various military, medicine/pharmacy, engineering/industry, and social fields. The inherent advantages of fiber optic sensors such as their light weight, small size, longer lifetime, passive, low attenuation, immunity to electromagnetic interference (EMI), wide bandwidth, and environmental ruggedness have been heavily used to offset the major disadvantage of high cost, which makes FOs the sensor technology of choice in many fields, including the healthcare, environmental monitoring, and aerospace sectors. This Special Issue focuses on the latest innovations, applications, and challenges in fiber optic sensor technologies. Thus, we invite you to submit short communications, full research articles, and timely reviews focusing on advanced fiber optic sensor technologies.

Guest Editor

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Deadline for manuscript submissions

15 February 2026

Sensors

an Open Access Journal by MDPI

Impact Factor 3.5
CiteScore 8.2
Indexed in PubMed

mdpi.com/si/219074

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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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