Special Issue

Optical Fiber Sensing: Recent Developments and Applications

Message from the Guest Editors

Join Us in the Special Issue: "**Optical Fiber Sensing: Recent Developments and Applications**" Fiber sensors, the cutting-edge marvels, are revolutionizing sensing technologies with their exceptional advantages. Their high sensitivity, remote sensing capabilities, and immunity to electromagnetic interference are just a few reasons they're transforming industries worldwide. From aerospace to telecommunications, medical science to environmental monitoring, fiber sensors have found their place as the go-to solution for accurate and reliable measurements in challenging conditions. Their miniaturization, low signal losses, multiplexing capability, security applications, and cost-effectiveness further contribute to their indispensability. Key Highlights:

- fiber sensors (such as gas, bio-, and chemical sensors)
- fiber communication
- fiber SPR sensors and devices
- fiber and waveguide metasurface and applications
- fiber and waveguide Raman spectroscopy applications

Don't miss this opportunity to contribute to the advancement of sensing technologies. Submit your research to the Special Issue on "**Optical Fiber Sensing: Recent Developments and Applications**"!

Guest Editors

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Deadline for manuscript submissions

closed (30 April 2024)

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About the Journal

Message from the Editor-in-Chief

Fibers is intended as an integrative platform, bringing together specialists with expertise concerning a large range of biological, synthetic, metallic and mineral fibers. The intent is to bring together scientists who would otherwise be unlikely to encounter each other's findings. By facilitating communication across specialties, the journal will advance understanding of the underlying commonality of many physical and chemical aspects of fibers.
We welcome submission of manuscripts from a diverse range of disciplines relating to many types of fibers utilizing a variety of research approaches.

Editor-in-Chief

Prof. Dr. Martin J. D. Clift
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Author Benefits

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JCR - Q2 (Materials Science, Multidisciplinary) / CiteScore - Q1 (Civil and Structural Engineering)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 23.3 days after submission; acceptance to publication is undertaken in 5.8 days (median values for papers published in this journal in the first half of 2025).

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