Special Issue

Optical Fibre Sensing: Recent Advances and Future Perspectives

Message from the Guest Editor

This Special Issue aims to showcase recent original high-impact research in the field of optical fibre sensing and highlight its various applications. We invite both theoretical and experimental submissions of original articles, review articles, and technical notes that focus on recent state-of-the-art advances and future directions in the field of optical fibre sensing. Topics of interest include, but are not limited to:

- Fibre integrated optoelectronics generation/detection such as photovoltaics and photodetectors;
- Frequency shift optical fibre interferometry;
- Hyperspectral optical fibre imaging;
- Multifunctional optical fibre spectroscopy;
- Nanostructure, superstructure, multimaterial modified optical fibre sensing;
- Novel components and applications in fibre Bragg gratings, fibre lasers, interrogator devices, femtosecond laser inscription, focused ion beam devices, healthcare and biomedical devices, etc.

We look forward to receiving your submissions!

Guest Editor

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Deadline for manuscript submissions

closed (30 July 2024)

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About the Journal

Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Photonics* (ISSN 2304-6732). *Photonics* is an online open access journal covering both the fundamental and applications of optics and photonics. *Photonics* strives to provide an avenue to allow authors to disseminate their scientific findings—both theoretical/ simulations and experimental works—in highly accessible peer-reviewed journal publications. The manuscript in *Photonics* will be handled with quick turnaround production processing time. We welcome authors to submit their manuscripts for publications in *Photonics*. Our goal in *Photonics* is to enable fast dissemination of high impact works to the scientific community.

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