



## Optical Fibre Sensing: Recent Advances and Future Perspectives

Guest Editor:

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Deadline for manuscript  
submissions:

**closed (30 July 2024)**

### 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!

