

## Special Issue

# New Trends and Applications of Fiber Bragg and Long-Period Gratings Sensors

### Message from the Guest Editors

Fiber gratings have evolved from fundamental optical components to core enabling technologies across photonics, sensing, telecommunications, and emerging interdisciplinary fields, driven by breakthroughs in fabrication techniques, material engineering, and structural design. This Special Issue aims to showcase the latest research advances, innovative design concepts, and cutting-edge practical applications of fiber gratings while exploring the critical challenges and future development trends in this dynamic field. We invite original research articles, comprehensive review papers, and short communications that highlight novel progress, cross-disciplinary integration, and industrial translation of fiber grating technologies.

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### Deadline for manuscript submissions

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*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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