# Special Issue

# Fiber Optic Sensors and Applications 2021–2022

### Message from the Guest Editors

Optical fiber sensing is currently an emerging and versatile technology, thanks to the continuous advances in micro/nanofabrication techniques as well as the application of new nanomaterials. Novel microstructured fibers combined with a new generation of nanostructured coatings are enabling the development of enhanced optical fiber sensors. Consequently, there is an increasing interest in these fiber-based devices for the monitoring of physical, chemical, and biological parameters providing higher sensitivity ratios, better minimum concentration values, or improving other sensing parameters. The aim of this Special Issue is to collect the most recent and relevant advances in fiber optic sensors, including fundamental and applied research, sensing platforms and fiber configurations, sensing mechanisms and other applications in the period 2021–2022.

Dr. Nerea De Acha

### Guest Editors

Dr. Aitor Urrutia

Dr. Pablo Zubiate

Dr. Nerea De Acha Morrás

Dr. Diego Lopez-Torres

### Deadline for manuscript submissions

closed (31 December 2022)


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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.

## Editor-in-Chief

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