

Special Issue

Fiber Optic Sensing and Applications

Message from the Guest Editors

Optical fiber, in addition to its original purpose as a long-distance optical signal carrier, has also gained very wide applications in the sensing field. Among many advantages in fiber-optic applications, perhaps the most prominent is that because of its long slim shape, optical fiber can be delivered to places that are not easily reachable with conventional methods to achieve its sensing purpose. In addition, because of its guided light delivery, optical alignment is not necessary, making the application very flexible and convenient. Its portability is dramatically improved compared to other light delivery methods such as free space delivery due to the elimination of many bulky optical components. All these advantages make optical-fiber-based sensors and systems very attractive to interdisciplinary researchers. The purpose of this Special Issue is to call for papers that reflect the most recent advancements in fiber-optic-related sensing, including fundamental research and innovative applications. For more details, please visit [here](#).

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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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