Special Issue

Novel Optical Fiber Sensors

Message from the Guest Editors

As a broad category of sensors, optical fiber sensors have experienced sufficient development due to their compact structure and advantageous performance. It has been reported that optical fiber sensors can be applied in the sensing of parameters of many kinds, with new attempts being made in, e.g., film coating, arc discharge processing, femtosecond laser micro machining, and additive manufacturing based on laser-induced two photon polymerization, to extend the applications and improve the performance of the devices. This Special Issue aims to introduce the frontier progress in the development of novel optical fiber sensors. **Keywords**

- Optical fiber sensors
- Optical fiber micro cavities
- Optical fiber gratings
- Optical fiber resonators
- Multi-parameter sensors
- Fiber tip microstructures

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Message from the Editor-in-Chief

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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