

Special Issue

Recent Development and Applications of Plastic Optical Fiber Sensors

Message from the Guest Editors

This Special Issue is aimed to the submission of current state-of-the-art of plastic optical fiber (POF) sensors for diverse application fields. The manuscripts should cover, but are not limited to, the following topics:

- Physical and mechanical plastic optical fiber sensors
- Chemical, environmental, biological and medical plastic optical fiber sensors
- Optical fiber sensing techniques (intensity, interferometric, grating-based sensors, etc.)
- Distributed and multiplexed sensing and sensor networking
- Other technologies (e.g. including imaging-related).
- Environmental, security, IoT and industrial applications, among others.
- New elements (fiber, devices, and subsystems), effects, technologies and materials for plastic optical fiber sensing.

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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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