

Special Issue

Precise Fiber Optic Sensors for Industrial, Environmental and Health Monitoring

Message from the Guest Editors

Advances in bio, medicine, science, and industry in measurement or system integration are mandatory to develop the precise sensing capability for the minimal level of tested species. In terms of sensors, besides the sensing sensitivity and accuracy, the undisturbed function to the device-under-test is essential. The fiber-optic (FO) sensor technology meets these high expectations. Due to the desire to shrink the amount, size, or space of tested samples in each sensing field, the novel sensing theory, fabrication technologies, and characteristic extraction in FO sensors are demonstrated. Each FO sensing part is important to impact the sensing precision and incorporation. Through contributors' efforts, the pertinent achievements of FO sensors in the development of sensing systems beneficial to the human beings are tremendous. The upcoming Special Issue will offer a platform for research on all types of FO sensors designed for sensing precise parameters or system integration, trends in the applications of FO sensors, and discussion on the future directions for sensing metro.

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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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