Special Issue

Optical Fiber Sensing and Its Applications

Message from the Guest Editor

This Special Issue aims to collect articles that present the novel and innovative application of sensors and devices based on optical fiber sensors. The scope of this Special Issue includes, but is not limited to, the following topics:

- Novel designs and fabrication techniques for optical fiber sensors.
- The integration of functional materials in optical fiber sensors.
- New chemical sensing materials for methane, carbon dioxide, hydrogen, etc.
- The application of optical fiber sensing in environmental and industrial monitoring.
- Fiber optic-based distributed sensing systems.

We invite researchers and practitioners to contribute original research articles, review articles, short communications, and letters that advance our understanding and utilization of optical fiber sensing technology.

Guest Editor

Dr. Ki-Joong Kim
National Energy Technology Laboratory (NETL), US Department of Energy (DOE), 626 Cochrans Mill Road, Pittsburgh, PA 15236, USA

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Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

mdpi.com/journal/sensors

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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.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro
Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

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