

Special Issue

Advances in Optical Fiber Sensors and Fiber Lasers

Message from the Guest Editor

The present Special Issue addresses the innovative design, fabrication, and application of optical fibers in sensors and fiber lasers. We invite contributions to this Special Issue of *Sensors* in relation, but not limited, to the following topics:

- Novel fiber designs and fabrication;
- Mechanical and electromagnetic field fiber sensors;
- Chemical and biological fiber sensors;
- Distributed fiber sensors;
- Multi-parameter fiber sensors;
- Structural health monitoring systems based on fiber sensors;
- Microstructured optical fiber sensors;
- Fiber laser sensors;
- Novel fiber sensors for harsh environments;
- Multiplexed and networked fiber sensors;
- High-power fiber lasers;
- Pulsed fiber lasers;
- Single-frequency fiber lasers;
- Multi-line fiber lasers;
- Random fiber lasers;
- Applications of fiber lasers.

Guest Editor

Dr. Ping Lu

National Research Council Canada, 100 Sussex Drive, Ottawa, ON K1A 0R6, Canada

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

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About the Journal

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

Department of Electrical and Information Engineering, Politecnico di Bari, Via Orabona 4, 70126 Bari, Italy

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