Special Issue

Advances of Optical Fiber Sensors

Message from the Guest Editor

Optical fiber sensors usually employ fibers as transmission and sensing medium, a large number of sensors can therefore be easily multiplexed due to the large bandwidth of the optical fiber, so that a fiber sensing system is able to collect and transmit an enormous amount of data in a short time. We are pleased to invite you to contribute to our Special Issue "Advances of Optical Fiber Sensors". Original research articles and reviews are welcome. Research areas may include (but not limited to) the following:

- Physical and mechanical sensors;
- Chemical, environmental, biological sensors;
- Pointwise interferometric sensors, like fiber Bragg grating and interferometers;
- Distributed and multiplexed sensing techniques and networks;
- Micro- and nano-structured fiber sensors;
- Sensors-based on polymer optical fiber;
- New structures and materials for optical fiber sensing;
- New signal processing techniques for optical fiber sensors;
- Industrial applications and field tests.

Guest Editor

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Deadline for manuscript submissions

closed (15 May 2023)

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About the Journal

Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Photonics* (ISSN 2304-6732). *Photonics* is an online open access journal covering both the fundamental and applications of optics and photonics. *Photonics* strives to provide an avenue to allow authors to disseminate their scientific findings—both theoretical/ simulations and experimental works—in highly accessible peer-reviewed journal publications. The manuscript in *Photonics* will be handled with quick turnaround production processing time. We welcome authors to submit their manuscripts for publications in *Photonics*. Our goal in *Photonics* is to enable fast dissemination of high impact works to the scientific community.

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