Special Issue

Progress in Fiber Optic Sensors: Design and Applications

Message from the Guest Editor

The rapid developments in optical fiber manufacturing, fiber optic device fabrication, new functional materials, and related new technologies have renewed fiber optic sensor technology, including principles, design, and applications. In recent years, optical sensing technology has made significant progress. This Special Issue aims at presenting an overview of the progress of the fiber optic sensors, their design, and their applications. We welcome broad, visionary contributions of short research reports as well as a collection of reviews of accomplishments. We are excited to invite researchers to submit their contributions to this Special Issue. Topics include, but are not limited to, the following:

- Fiber optic sensor designs;
- Fiber optic sensor fabrication technology;
- Fiber optic sensor applications;
- Fiber optic quantum sensors;
- Diamond nitrogen-vacancy and optical fiber integrated quantum sensors;
- Fiber optic biosensors;
- Fiber optic chemical sensors;
- Fiber optic distribution sensors;
- Fiber optical devices;
- Fiber optical microscope;
- Optical tweezers.

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Deadline for manuscript submissions

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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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