

## Special Issue

# Optical Fiber Sensors with a Specialty Fiber Tip

### Message from the Guest Editor

We are pleased to invite you to submit a manuscript to the *Photonics* Special Issue, “Optical fiber sensors with a specialty fiber tip”. Optical fiber sensors with an engineered specialty fiber tip present unique advantages for both long-distance sensing and localized detection, e.g., remote sensing, environment monitoring, in situ clinical imaging or biosensing, etc. The specialty fiber tip shapes the incident light and enhances the interaction signal with the targeted objects, making optical fiber sensors with this type of fiber tip outstanding candidates for both fundamental science and practical applications. This Special Issue aims to collect and share advanced research and developments, both theoretical and experimental, in optical fiber sensors with a specialty fiber tip and related applications. Submissions can be in the form of an original research paper or review. We are encouraging research areas covering (but not limited to):

- Fabrication of optical fibers with a specialty fiber tip;
- Fiber-optic sensors;
- Fiber with nano-optics;
- Tapered fibers;
- Nanofibers.

I look forward to receiving your contributions.

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### Guest Editor

Dr. Chaoyang Ti

Argonne National Laboratory, 9700 S Cass Ave., Lemont, IL 60439, USA

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### Deadline for manuscript submissions

closed (10 March 2024)



## Photonics

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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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### Editor-in-Chief

Prof. Dr. Nelson Tansu

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