

Special Issue

Fiber Bragg Grating: Science and Applications

Message from the Guest Editors

The science and application of fiber Bragg gratings (FBGs) have become one of the most important branches of optics. Its application in sensing, communication and laser design has become an important supplement to traditional optics. This Special Issue is aimed at presenting the latest results in FBG research or application. Manuscripts can be innovative or provide a breakthrough in structure, process or index. Topics of this Special Issue include, but are not limited to, the following:

- Fiber grating fabrication;
- Fiber communication;
- FBG sensor;
- All-fiber laser;
- Pulsed fiber laser;
- Nonlinear fiber optics;
- Infrared fiber laser;
- Infrared optical materials;
- Rare earth doping.

We are looking forward to receiving your submissions.

Guest Editors

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Dr. Wanzhuo Ma
Dr. Yu Ding

Deadline for manuscript submissions

closed (1 July 2025)



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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