

Special Issue

Fiber Laser Sources

Message from the Guest Editor

The purpose of this Special Issue is to present the state of the art in the area of fiber lasers and amplifiers through a collection of original research, as well as review papers, ranging from fundamental physics to applications. The scope of this Special Issue covers all aspects of theoretical, numerical, and experimental studies of fiber lasers and amplifiers, including, but not limited to, the following:

- Fiber lasers;
- Fiber amplifiers;
- Raman lasers;
- Distributed feedback fiber lasers;
- Tunable and multiwavelength lasers;
- Fiber design and fabrication;
- Laser architectures and pumping methods;
- Nonlinear dynamics of fiber lasers;
- Ultrafast fiber sources;
- Fiber frequency comb sources;
- Fiber supercontinuum sources;
- Photonic crystal fibers and lasers;
- Fiber laser pumped frequency conversion schemes;
- Mid-IR fiber lasers;
- Chalcogenide fibers;
- Tellurite fibers;
- Fluoride fibers;
- Advances in fiber laser characterization methodologies.

Guest Editor

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Deadline for manuscript submissions

closed (30 April 2021)



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About the Journal

Message from the Editor-in-Chief

Fibers is intended as an integrative platform, bringing together specialists with expertise concerning a large range of biological, synthetic, metallic and mineral fibers. The intent is to bring together scientists who would otherwise be unlikely to encounter each other's findings. By facilitating communication across specialties, the journal will advance understanding of the underlying commonality of many physical and chemical aspects of fibers.

We welcome submission of manuscripts from a diverse range of disciplines relating to many types of fibers utilizing a variety of research approaches.

Editor-in-Chief

Prof. Dr. Martin J. D. Clift

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Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 23.3 days after submission; acceptance to publication is undertaken in 5.8 days (median values for papers published in this journal in the first half of 2025).