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Fiber Laser Sources

Guest Editor:

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Deadline for manuscript submissions:
closed (30 April 2021)

Message from the Guest Editor

Dear Colleagues,

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.

Dr. Elena Anashkina
Guest Editor

mdpi.com/si/28390

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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.

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