Special Issue

Fiber Laser Systems: Novel Concepts, Designs, Capabilities, and Applications

Message from the Guest Editor

Fiber lasers, as well as related fiber-optics devices and systems, have already been an incredibly popular field of research and development for decades. Nevertheless, the outstanding flexibility and variability of fiber-optics laser systems in terms of design, materials, principles of operation, and underlying physical phenomena makes them an endlessly interesting and promising subject matter for science and industry. We have observed and participated in the continuous establishment of qualitatively new methods, designs, principles, and applications in the aforenamed field. This Special Issue aims at the collection and dissemination of very new concepts, designs, applications of fiber-optics laser systems and related matters in the form of original research papers and communications. We will also appreciate reviews from reputable researchers on the relevant subject matters that ingeniously combine the tutorial level for young scientists with the state-of-the-art level for advanced researchers.

Guest Editor

Dr. Boris Nyushkov

1. Nonlinear Photonics Laboratory, Novosibirsk State University, 630090 Novosibirsk, Russia
2. Quantum Cryogenic Electronics Laboratory, Novosibirsk State Technical University, 630073 Novosibirsk, Russia

Deadline for manuscript submissions

closed (15 October 2023)

hv

Photonics

an Open Access Journal by MDPI

Impact Factor 1.9
CiteScore 3.5

mdpi.com/si/161824

Photonics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
photonics@mdpi.com

mdpi.com/journal/photonics

MDPI

Photonics

an Open Access Journal by MDPI

Impact Factor 1.9
CiteScore 3.5

mdpi.com/journal/photonics

MDPI

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.

Editor-in-Chief

Prof. Dr. Nelson Tansu
School of Electrical and Electronic Engineering (EEE), The University of Adelaide, Adelaide, SA 5005, Australia

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), Inspec, Ei Compendex, CAPlus / SciFinder, and other databases.

Journal Rank:

CiteScore - Q2 (Instrumentation)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 14.8 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the first half of 2025).