

Special Issue

Rare Earth Doped Fiber Lasers

Message from the Guest Editors

You are kindly invited to contribute to the Special Issue of the journal "*Photonics*" (SJR 2020: 0.67, Q2 in Atomic and Molecular Physics, and Optics, see

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[q=21100833027&tip=sid&clean=0](https://www.scimagojr.com/journalsearch.php?q=21100833027&tip=sid&clean=0)) dedicated to lasers

based on rare-earth (RE) doped fibers and their

applications. The aim of the Special Issue is collecting

original research articles dedicated to scientific and

technology innovations in all aspects of the

development and application of different types of doped

fibers and lasers. Review papers dedicated to the recent

progress and important findings in the fundamental and

applied research on doped fiber laser systems will be

also appreciated. Topics of the Special Issue interest

include, but are not limited to, the following:

- Materials science on fibers with different doping composition for lasing;
- Novel designs of RE-doped fibers for lasing;
- Novel architectures of lasers based on RE-doped fibers;
- Novel operation regimes of RE-doped fiber lasers;
- Frequency conversion of radiation generated in RE-doped fiber lasers.
- Novel practical applications of RE-doped fiber lasers.

Guest Editors

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Deadline for manuscript submissions

closed (31 July 2022)



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About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is
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submission; acceptance to publication is undertaken in 1.9
days (median values for papers published in this journal in
the second half of 2024).