



## Rare-Earth-Doped Fiber Lasers and Amplifiers

Guest Editor:

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### Message from the Guest Editor

The aim of this Special Issue is to collect interdisciplinary contributions on rare-earth-doped fiber lasers and amplifiers. Technical topics include but are not limited to the following:

- Optical materials and rare earth doping;
- Fiber laser technology;
- Modeling of rare-earth-doped lasers and amplifiers;
- Amplified spontaneous emission (ASE) sources;
- Novel pumping schemes of rare-earth-doped lasers and amplifiers;
- Medium infrared lasing in rare-earth-doped optical fibers;
- Short and ultrashort pulse fiber lasers;
- Rare-earth-doped microresonators;
- Application of rare-earth-doped lasers and amplifiers to material processing, industrial applications, imaging, medical diagnosis/ therapy, sensing, and so on.

