Special Issue

Fiber Lasers and Glass Photonics: Materials Through Application

Message from the Guest Editor

This Special Issue on “Fiber Lasers and Glass Photonics: Materials through Application” aims to focus on this combined and correlated evolution of materials toward devices. Subjects of the research articles to be published in this Special Issue therefore include but are not limited to:

- Novel glass materials for fiber and photonic devices (e.g., glass ceramics, rare-earth doped glasses);
- Advanced structure geometries for fiber lasers and glass photonic devices;
- Plasmonic effects in glass materials;
- Fabrication technologies and processes;
- Nonlinear devices;
- Flexible photonic devices;
- Fiber and planar waveguide lasers based on glasses emitting at visible, near and medium infrared wavelengths;
- Optical microresonators.

We expect that articles published in this Special Issue will offer a comprehensive picture of the most recent trends in glass development and the evolution of devices based on this material class.

Guest Editor

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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