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Broadly Tunable Laser Sources

Guest Editor:

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Deadline for manuscript submissions: closed (20 June 2022)

Message from the Guest Editor

Dear Colleagues,

We are inviting submissions to the Special Issue on Broadly Tunable Laser Sources.

The scope of this Special Issue is to gain an overview of the current status of the ultrashort wavelength-tunable laser sources at different spectral regions. A variety of methods, such as optical parametric amplification (OPA), optical parametric oscillator/generator (OPO/OPG), four-wave mixing, stimulated Raman, etc., and allow the generation of tunable coherent radiation from ultraviolet to teraherz. Novel pulse characterization devices covering broadband measurement range are also a very important part of this Special Issue.

In this Special Issue, we are inviting you to submit recent results in the fields of Broadly Tunable Laser Sources. Both theoretical and experimental studies are welcome, as well as comprehensive review and survey papers.

- Optical paramet amplification
- Optical parametric oscillator
- Optical parametric penerator
- Four-wave mixing
- Pulse characterization





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Editor-in-Chief

Message from the Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy 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.

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