Special Issue

Advances in New Laser Devices and Technologies

Message from the Guest Editors

This Special Issue is intended to provide a multidisciplinary forum where researchers and engineers can present their recent advances in the modelling, design and fabrication of laser devices. Additionally, this forum is open to presenting theoretical designs and experimental results of laser sensors. Additionally, in this Special Issue, we welcome works in the field of laser devices stabilization (e.g., intelligent current and temperature drivers, mechatronics actuators). Topics include, but are not limited to, the following domains:

- Laser physics;
- Microfabrication of laser devices;
- Power lasers;
- Fiber optic lasers;
- Solid-state lasers;
- Pulsed and continuous-wave lasers;
- Unconventional cavity lasers;
- Quantum properties of laser light;
- Design and implementation of laser sensors;
- Current drivers for solid-state lasers;
- Temperature drivers for laser applications.

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Deadline for manuscript submissions

closed (28 February 2023)

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About the Journal

Message from the Editor-in-Chief

Machines is an international, peer reviewed journal on machinery and engineering. It publishes research articles, reviews and communications.
Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the length of the papers. Full experimental and/or methodical details must be provided.
There are, in addition, unique features of this journal: Manuscripts regarding research proposals and research ideas will be particularly welcomed; Electronic files or software regarding the full details of the calculation and experimental procedure - if unable to be published in a normal way can be deposited as supplementary material.

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