



## Optoelectronics for Lasers: Latest Advances and Prospects

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Deadline for manuscript  
submissions:

**closed (31 March 2022)**

### Message from the Guest Editor

Dear Colleagues,

Advances in lasers and nonlinear optics provide powerful tools for an increasingly broad range of applications including spectroscopy, metrology, remote sensing, security, material processing, astronomy, medicine, biology, display, and ignitions. Especially, Q-switching and the high brightness that is achievable with giant pulses from mode-locking enable fruitful nonlinear interactions for materials. The purpose of this Issue is to highlight the recent progress and trends in the development of leading-edge lasers. The solicited areas include (but are not limited to): laser physics, spectroscopy, theory, and modelling for materials and cavities; tunable and new wavelength lasers; high-power lasers and power scaling strategies; short-pulse lasers; laser and nonlinear materials; laser structures; pump sources for lasers; narrow-linewidth, frequency-stable, and low-noise lasers; and applications in science, medicine, remote sensing, industry, and display.

Therefore, the aim of this Special Issue is to expand the current knowledge in the field and gather high-quality papers dealing with the applications of lasers and nonlinear optics.





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## Message from the Editor-in-Chief

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