



## Advances of Laser Technologies and Their Applications

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### Message from the Guest Editor

Laser technology is widely used and has enabled significant progress in both laser technology itself and various laser application fields, such as industrial, medical, commercial, scientific research, and information. Lasers have continuously made breakthroughs in areas such as high power, narrow pulse width, wavelength tuning, and high beam quality, which also promoted technological progress in fields such as laser detection and processing.

This Special Issue on “Advances of Laser Technologies and Their Applications” discusses the recent efforts and advances made for laser technology and its various applications. We welcome scientific contributions in this domain, including (but not restricted to) the following:

- Advanced laser technology;
- LiDAR, advanced technologies, and methods in the field of laser ranging and imaging;
- High-precision and high-sensitivity spectral detection technology;
- The advanced laser processing technologies, such as laser welding, laser machining interior contour, laser cutting, and laser carving;
- Advanced photodetectors;
- Advanced beam shaping technology;
- Data processing methods and technologies in the field of laser applications.





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## Editor-in-Chief

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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.

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