# Special Issue

# Fundamentals and Applications of Laser Micro/Nanostructuring and Synthesis of Micro/Nanomaterials

## Message from the Guest Editor

This Special Issue aims to provide a forum to display the latest advances in surface structuring and colloid synthesis, the two “birds” achieved with the one “stone” of laser ablation, which lay the foundation for various applications in the fields of optics, biology, catalysis, sensing, etc. Fundamental advances such as preparation of new structures and synthesis of novel nanomaterials, as well as exploration of different laser-prepared structures and nanomaterials in different applications are welcome. Others, such as new laser-based technique development, downstream processing, dynamics simulation, and device preparation on the basis of laser structuring and laser synthesis of materials, will also be considered for publication. Any type of laser can be adopted for presentation, including femtosecond, picosecond, nanosecond, microsecond, and millisecond and continuous lasers. The ablation environment can be flexibly chosen in air, liquid, vacuum, or gas. It is hoped that this issue can promote a global idea exchange within the scope of laser ablation.

## Guest Editor

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## Deadline for manuscript submissions

closed (10 March 2023)

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## Message from the Editor-in-Chief

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## Editor-in-Chief

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