



## Laser-Based Micro/Nano Manufacturing Technology

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Deadline for manuscript  
submissions:

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### Message from the Guest Editor

Since the birth of the laser, laser-based micro/nanofabrication technologies have attracted widespread attention. Apart from their wide applications in the industry as cutting and drilling tools through thermal melting, our understanding of light-matter interactions has also revealed significant new phenomena. By utilizing such new mechanisms, laser-based technologies have been extensively studied and found application in the fields of life science, material science, metasurfaces science, micro/nano-optics, micromechanics, and so on.

Nevertheless, these technologies still present significant challenges, for which the theoretical understanding of the near-field interaction between light and matter and experimental research on laser fabrications are key. This Special Issue thus aims to highlight and summarize the latest advancements in both the theoretical and experimental understanding of laser-based technologies for micro/nanofabrication. Moreover, papers detailing their application in various scientific fields, such as superhydrophobicity/oleophobic, antireflection, antibacterial, dynamic/geometric phase optical elements, lab on chips, quantum chips, etc., are welcomed.





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## Message from the Editor-in-Chief

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