

Special Issue

Laser Micro/Nano-Fabrication

Message from the Guest Editors

Laser micro/nano-fabrication has a wide range of applications in subtractive machining, such as precision cutting and engraving related to laser ablation and melting; additive machining, such as laser-induced chemical deposition and micro-cladding related mainly to laser-melted and -induced chemical reactions; and laser welding and forming based on the heating effect. In this Special Issue, we will study the interaction of a laser with materials during micro/nano-fabrication for better control and its application in different systems and processes. This Special Issue's scope includes but is not limited to the following: the heat-affected zone during laser processing; microstructure change under laser and machining effects; process control of the laser for better material removal rate, tool life, surface finish, and/or residual stress; and the scale effect during laser micro/nano-fabrication. We look forward to receiving your submissions!

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