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Laser-Matter Interaction

Guest Editor:

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Deadline for manuscript submissions:

closed (10 July 2023)

Message from the Guest Editor

This Special Issue will consider recent progress in laser-assisted additive fabrication, nano-LIPSS formation, laser LIFT of biological materials and systems, and more emerging techniques. All contributions on laser interaction with hard, soft, and smart materials, targeting future applications from nano-energy to biomedicine as well as recent progress on fundamental mechanisms are welcome to the Special Issue.

The submissions should concern, but are not limited to, the following topics:

- Lasers in nanotechnology and environmental technology;
- Laser hybrid processing;
- Laser manufacturing for alternative energy sources;
- Laser 3D microstructuring for MEMS, MOEMS, photonic crystals, and photonic applications;
- Laser-induced forward transfer of functional materials for organic electronics and sensing applications;
- Laser-assisted fabrication for sensors;









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Message from the Editorial Board

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