



## Laser Materials Processing and Hybrid Approaches

Guest Editor:

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Deadline for manuscript  
submissions:

**closed (31 May 2020)**

### Message from the Guest Editor

This Special Issue addresses the broad spectrum of laser materials processing along the process chain, taking into account:

- process observations and fundamental research;
- simulation and modeling in LMP;
- novelties in system technology and hybrid approaches;
- new material solutions, ranging from single to multimaterial processing;
- aspects of commercialization and industrial case studies, as well as
- solutions for digitalization.

We would like to invite you to submit a manuscript for this special issue on LMP. Full papers as well as letters are highly welcome!

### Keywords

- Process phenomena in laser materials processing
- Laser beam interaction with matter
- Additive manufacturing, e.g., laser metal deposition, laser powder bed fusion/selective laser melting
- Hybrid manufacturing, in combination with conventional manufacturing routes
- Macro- and microtechnology
- Joining
- Laser ablation and cutting
- Digitalization in laser materials processing
- Theoretical aspects and modeling
- Future perspectives of laser materials processing





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## Message from the Editor-in-Chief

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