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Guest Editor:

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Message from the Guest Editor

Since the invention of the laser, a broad variety of laser systems with different properties has been developed, which has allowed for the processing of almost any material. Laser has been established as the key tool for many material processing applications, and many times it is the only real solution available. These great properties for material processing, combined with its high flexibility and scalability, have allowed for its use in high-throughput industrial applications, and many current industrial production processes would not be possible without it.

This Special Issue covers the whole spectrum of laser material processing, ranging from novel trends in well-established industrial processing techniques to fundamental research in novel applications. This issue will cover applications with new laser systems, new beam delivering systems and new methods for monitoring and adaptive control of laser processes. In addition, fundamental research concerning the interaction between laser radiation and matter, including simulations and modeling of these processes, will also be topics of specific interest.





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Message from the Editor-in-Chief

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