

Special Issue

Laser Ablation: From Fundamental Science to Applications

Message from the Guest Editor

Laser ablation has been an active research field for some time, resulting not only in an improved understanding of the underpinning physics but, importantly, also in the development of multiple applications in a wide range of fields, from engineering to physics and from chemistry to biology and medicine. This Special Issue intends to display the highlights from this broad research field to a multidisciplinary audience by presenting some of the recent advances. Both original research papers and review articles describing state-of-the-art innovations in this research field are welcome. Topics of interest include but are not limited to the following areas: - Fundamentals of laser-material interactions (solid, liquid, and gas) - Laser-induced breakdown spectroscopy - Laser surgery, laser scalpels - Pulsed laser deposition - Laser cutting, engraving, cleaning - Ultrafast laser ablation - Laser printing, 3D printing, laser-induced forward transfer - Laser-based photon sources - Matrix-assisted laser desorption/ionization mass spectrometry - Surface micro/nanostructuring

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

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