Special Issue

Laser Surface Modification of Materials

Message from the Guest Editors

Laser surface modification as an emerging surface processing technology, there remain many aspects to be further explored, including the interaction mechanism between the laser beam and materials, novel techniques for the fabrication of functional structures, innovative techniques for the characterization of surface functionalities and the development of high-efficient and low-cost laser-based processes.

The aim of this Special Issue is to cover the latest developments in laser surface modification techniques for the design, modelling, fabrication and characterization of metallic functional surfaces and surface property modification; this is with regard to the control of the microstructure, wettability, optical properties, corrosion, abrasion, and mechanical properties. This Special Issue welcomes the submission of full research papers, comprehensive reviews and communications that address the topics included in the keywords below. We hope to synergize the innovative research conducted by world-class investigators and leading experts in this research area.

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Message from the Editor-in-Chief

Welcome to *Crystals*, the journal dedicated to the fascinating world of crystallographic research! Crystals are more than mere decorative elements; they hold the key to understanding the fundamental structure of matter. Our mission is to explore the crucial significance of this research across various fields. From medicine to technology, chemistry to geology, crystals play a vital role. Their structure provides insights into new advanced materials, innovative drugs, and groundbreaking technologies. Through *Crystals*, we delve into the microscopic world to discover solutions that will shape the future. Join us on a journey through the *Crystals*, where science merges with beauty and innovation.

Editor-in-Chief

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