

Special Issue

Physical Mechanism of Welding of Metallic Materials

Message from the Guest Editors

This special issue aims to collect the recent discovery in welding physical mechanism, both from experimental characterization and numerical modelling. Topics covered in this Special Issue include but are not limited to: new discovery in traditional welding process, physical mechanism of novel welding process, novel welding materials and structures design, state-of-the-art scientific developments in welding metallurgy, material weldability, and the evaluation of welding joints.

This special issue endeavours to share recent advances and provide future insights in this crucial area, help researchers to better follow the newest research progress.

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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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