

Special Issue

Phase Transformation and Microstructure Evolution of Alloys

Message from the Guest Editors

Phase transformations in alloys involve changes in the atomic structure and arrangement, leading to alterations in microstructure and, consequently, material properties. Understanding these transformations is crucial for controlling the final properties of steels and alloys. This Special Issue will underline the most recent discoveries and progress in phase transformation and microstructure evolution of metals and alloys. Topics of interest include, but are not limited to, green steel, phase transformation, hydrogen embrittlement, microstructure evolution, mechanical properties, strengthening mechanisms, precipitates, surface engineering, corrosion, and thermodynamics. We believe that this Special Issue will serve as an effective platform for presenting new progress in the related areas of alloys.

Guest Editors

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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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