Special Issue

Heusler Alloys

Message from the Guest Editor

The Special Issue on “Heusler Alloys” is dedicated to research on the theory, growth, functional properties and device applications of Heusler alloys. Since their discovery, Heusler alloys have received ever more attention from researchers, leading to an increase of the Heusler alloys’ family to over 1000 members. Depending on the elements located at each sublattice of the crystal structure of the Heusler alloys, a number of different properties can arise: half-metallicity, magnetic shape memory, thermoelectricity, topological insulator behavior and skyrmions, among many others. The vast array of physical effects makes these materials one of the most interesting material classes in the research area of Materials Science. We hope this Special Issue on Heusler Alloys becomes a valuable forum for researchers and scientists working on both the theoretical and experimental aspects of Heusler alloys.

Guest Editor

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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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