



crystals



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Intermetallics

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Message from the Guest Editor

Dear Colleagues,

This Special Issue aims to promote international exchange and to share the latest knowledge and developments in all fundamental aspects of intermetallic-based materials encompassing characterization, testing, modelling and technological application. Emphasis is placed on innovative approaches and advanced overviews to understand complex relationship between the structure and functionality of new materials with improved properties. Of specific interest are the modelling methodologies in all scales based on first-principles, linking theoretical understanding with experimental observations. The topics include, but are not limited to, the thermodynamic, defect, magnetic, and mechanical properties of complex intermetallics including high-entropy alloys used for structural applications, *etc.*

Dr. Duc Nguyen-Manh

Guest Editor



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Special Issue



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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.

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