

Special Issue

Crystal Chemistry, Magnetic and Thermodynamic Properties of Intermetallic Compounds

Message from the Guest Editors

We are inviting you to submit work to the Special Issue, "Intermetallic Compounds Concerning Crystal Chemistry, Magnetic, and Thermodynamic Properties". In this Issue, special attention should be paid to magnetic and crystal structure analysis. Furthermore, magnetic and/or magneto-structural phase transitions should be analyzed. The external magnetic field or pressure induced phase transitions will also be included. New induced states should be discussed in relation with electronic band structure. In particular, comparisons between calculated magnetic moments, magnetic hyperfine fields, etc., as well as experimental ones, should be reported. Finally, analysis of magnetic (B, P, T, x) phase diagrams for the studied series of compounds should be proposed.

Guest Editors

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Deadline for manuscript submissions

closed (30 September 2021)



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About the Journal

Message from the Editor-in-Chief

Metallic materials play a vital role in the economic life of modern societies; contributions are sought on fresh developments that enhance our understanding of the fundamental aspects related to the relationships between processing, properties and microstructure – disciplines in the metallurgical field ranging from processing, mechanical behavior, phase transitions and microstructural evolution, nanostructures, as well as unique metallic properties – inspire general and scholarly interest among the scientific community.

Editor-in-Chief

Prof. Dr. Yong Zhang

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