



Heusler Compounds

Guest Editor:

Prof. Philippe Jund

Institute Charles Gerhardt
Montpellier, Montpellier, France

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Message from the Guest Editor

During the last few years, a great number of researches have been done in the so-called Heusler and half-Heusler compounds. These compounds are archetypical for so-called multifunctional materials since they have interesting magnetic, mechanical and, more recently, thermoelectric properties. The aim of this Special Issue is to present the latest developments in the search of new and promising Heusler of half-Heusler compounds especially (but not exclusively) in the field of thermoelectrics. Both theoretical and experimental contributions will be considered, as well as studies tackling the difficult question of the structure and stability of these materials.





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Department of Materials Science and Engineering, College of Engineering & Applied Science, University of Wisconsin-Milwaukee, 3200 N. Cramer Street, Milwaukee, WI 53211, USA

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Beijing Advanced Innovation Center of Materials Genome Engineering, State Key Laboratory for Advanced Metals and Materials, University of Science and Technology Beijing, 30 Xueyuan Road, Beijing 100083, China

Message from the Editorial Board

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.

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Metals Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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