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Intermetallic Compound

Guest Editor:

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Deadline for manuscript submissions:
closed (30 September 2020)

Message from the Guest Editor

Nowadays, Intermetallics, compounds formed by two or more metallic elements, are among the various novel and significant materials developments. Intermetallics have received considerable attention owing to their potential for various applications, such as permanent magnets, magneto-optical recording media, magnetocaloric materials, turbine blades, and in microelectronics. With a favorable combination of high strength, low density, and good corrosion resistance, intermetallics are specifically suited for applications at high temperature and in adverse environments. They can also display desirable magnetic, superconducting, and chemical properties due to their strong internal order and mixed metallic and covalent or ionic bonding.

We invite researchers to contribute to this Special Issue on Intermetallic Compounds, which is intended to serve as a unique multidisciplinary forum covering broad aspects of the science, technology, and application of intermetallic compounds.

Potential topics include but are not limited to:

- Synthesis of intermetallic compounds;
- Characteristics of structural properties;
- Type of intermetallic compounds;
- Unique properties;
- Applications.

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Editor-in-Chief

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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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