

Special Issue

Microstructure and Physical Properties of Magnesium Alloys and Composites

Message from the Guest Editor

New magnesium alloys have been developed and their mechanical properties have been extensively studied. To the contrary, only limited information on their physical properties have been published. Knowledge of physical properties of magnesium alloys and composites is important in many fields of science and engineering applications.

The purpose of the paper submitted to this Special Issue is to extend our current knowledge on the physical properties of magnesium alloys and composites. Your contributions are welcome.

The potential topics include, but are not limited to:

- Coefficient of thermal expansion
- Thermal conductivity/diffusivity
- Electrical conductivity
- Internal friction/damping
- Elastic constants
- Modelling
- Material processing-physical property relationship

Guest Editor

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Deadline for manuscript submissions

closed (30 September 2018)



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About the Journal

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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