Modeling and Characterization of Magnetic Materials

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Message from the Guest Editors

Dear Colleagues,

Developments in materials science and engineering as well as in ICT tools and industrial applications present the magnetics community with new challenges in expanding the foundation of our knowledge on determining, controlling and tailoring magnetic properties, designing and characterizing new materials, developing new applications based on magnetic phenomena.

The goal of this Special Issue is to offer a comprehensive overview of the state of the art in the modeling and characterization of conventional and novel magnetic materials at various length and time scales, not limited but with special emphasis to applications.

We invite contributions that, among others, target the development and innovative uses of magnetic materials, the understanding of underlying physics and control of magnetic phenomenology by relating microstructure to magnetic macroscopic behavior, the improved process control utilizing or compensating for magnetic phenomena.

Special Issue

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Message from the Editor-in-Chief

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