Special Issue

Microstructure and Magnetic Properties of Ferromagnetic Nanomaterials

Message from the Guest Editors

Magnetic nanomaterials have received plenty of attention because of their excellent suitability for a great variety of technological applications. The magnetic properties of nanoparticles (NPs) are often dominated by their size and shape, but also by the matrix and the agglomeration state; hence, it is important to possess the capability of controlling the size and morphology during the synthesis process. This Special Issue aims to provide a forum of exchange for researchers working in the field of magnetic nanostructured materials. Particular interest will be devoted to the relationship between the microstructure and magnetic properties of ferromagnetic nanomaterials. **Topics to be covered include but are not limited to:**

- Iron-based magnetic nanomaterials;
- Mössbauer spectroscopy in magnetic nanomaterials;
- Magnetic characterization of binary and ternary magnetic nanomaterials;
- Structural and morphological characterization of magnetic nanomaterials;

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