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From Magnetic Anisotropy to Molecular Magnets: Theory and Experiments

Guest Editor:

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closed (30 April 2021)

Message from the Guest Editor

Magnetic anisotropy is central to the characteristics of magnetic materials. The aim of this Special Issue is to provide an overview of the latest knowledge, approaches, and developments related to magnetic anisotropy, and the resulting materials and properties. The idea is to provide a newcomer to the field with easy access to the various facets of this property, both from a theoretical and experimental point of view. To this end, we are seeking tutorials and research papers on magnetic anisotropy in coordination compounds and the materials derived from them: SIM, SMM, SCM, nanoparticles, traditional magnets, etc.

- magnetic anisotropy
- single-molecule magnet
- single-chain magnet
- nanoparticle
- magnet
- molecular magnetism