Special Issue

Advances in Nanomagnets

Message from the Guest Editor

Nanomagnets have been investigated and developed intensively with a focus on the unique properties of nanoscale magnetic materials. Nanomagnetic structures exhibit wide applications in data storage, magnetic sensing, energy resources, quantum computing, and life science. Theoretical modeling and simulations in micromagnetics and magnetization dynamics also enable researchers to gain insights into the underlying physical process. All these advances in the field of nanomagnetics are highly interdisciplinary, drawing on expertise from materials science, physics, chemistry, engineering, and other fields, and are expected to continue to grow and evolve. This Special Issue covers the recent advancements in and studies, both experimental and theoretical, on magnetic nanoparticles, nanowires, and thin film, as well as molecular magnets. We look forward to your contributions!

Guest Editor

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