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Magnetic Properties of Metal Complexes

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Deadline for manuscript submissions:
closed (31 July 2021)

Message from the Guest Editors

Dear Colleagues,

This Special Issue entitled “Magnetic Properties of Metal Complexes” aims to provide a valuable forum where scientists in all fields will be able to share their most recent novel findings on the synthesis, switching, and manipulation of the magnetic properties of molecular materials.

Topics to be covered include, but are not limited to:

- Molecular magnets: spin-crossover (SCO); valence tautomerism (VT); charge transfer (CT); single-chain magnets (SCMs); single-molecule magnets (SMMs); spin frustration; magnetic refrigerator; light-, pressure-, and electric-responsive magnetic molecular materials; magnetic metal–organic frameworks; slow magnetic relaxation; and organic radicals.
- Molecule-based spintronics; spin qubit; quantum computing; and quantum information.

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Message from the Editor-in-Chief

Magnetochemistry constitutes a multidisciplinary field where chemists and physicists not only study magnetic properties but also design and synthesize chemical compounds with desired magnetic properties. *Magnetochemistry* is inviting contributions in any field related with this area, such as theoretical models, crystal engineering, molecular magnetism, SMM, SIM, SCM, SCO, magnetic nanostructures, magnetic MOFs, magnetic recording, qubits, magneto-caloric materials, etc. Our goal is to share your contribution in a timely fashion and in a manner that will be valued by the scientific community.

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