# Special Issue

# Magnetic Micro- and Nanostructures for Applications: From Synthesis to Modeling

## Message from the Guest Editors

Dear Colleague, This Special Issue aims to cover all significant aspects of chemically and physically produced magnetic micro- and nanostructures from synthesis to characterization as well as modeling and techniques aspiring to address challenges and bottleneck problems for technological and life science applications. In this Special Issue, we welcome original research and reviews on current frontier research and trends covering applications, fundamental, experimental, and theoretical research, with a focus on the fabrication, design, characterization, and modeling of magnetic materials and nanostructures, as well as novel developments and solutions of advanced nanomaterials, devices, and perspectives with a magnetochemical overview. Keywords:

- fabrication
- characterization
- modelling
- magnetic materials
- nanostructures
- microstructures
- nanomagnetism
- nanodevices

#### **Guest Editors**

Dr. Jose A. Fernandez-Roldán Department of Physics, University of Oviedo, 33007 Oviedo, Spain

Dr. Victor M. de la Prida Pidal

Physics Department, Faculty of Sciences, University of Oviedo, E-33007 Oviedo, Spain

### Deadline for manuscript submissions

closed (31 October 2022)



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Magnetochemistry
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
magnetochemistry@mdpi.com

mdpi.com/journal/ magnetochemistry





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# **About the Journal**

## 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.

#### Editor-in-Chief

Prof. Dr. Carlos J. Gómez García

Department of Inorganic Chemistry, Faculty of Chemistry, University of Valencia, C/Dr. Moliner 50, 46100 Burjasot, Spain

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