



an Open Access Journal by MDPI

Functional Molecular Materials Insights—a Themed Issue in Honour of Professor Manuel Almeida on the Occasion of His 70th Birthday

Guest Editors:

Dr. Laura C. J. Pereira

C2TN, Center for Nuclear Sciences and Technologies, DECN, Department of Nuclear Sciences and Engineering, Instituto Superior Técnico, University Lisbon, P-2695-066 Bobadela LRS, Portugal

Dr. Dulce Belo

C2TN, Center for Nuclear Sciences and Technologies, DECN, Department of Nuclear Sciences and Engineering, Instituto Superior Técnico, University Lisbon, P-2695-066 Bobadela LRS, Portugal

Deadline for manuscript submissions:
closed (20 October 2023)

Message from the Guest Editors

This Special Issue of *Magnetochemistry* aims to publish a collection of state-of-the-art research papers illustrating the recent achievements on the development of molecular materials, especially those with unconventional magnetic and transport properties, as well as their potential applications, particularly addressing the topics listed below:

- Design and preparation of new molecular building blocks;
- Molecular materials for next-generation batteries;
- Molecular materials with high-performance electronic and magnetic properties;
- Molecular materials in electronic devices;
- Molecular materials for bioscience and bioelectronics;
- New optical, magnetic and electrical sensors for advanced electronic applications;
- Electronic processes and relevant phenomena in molecular materials.

Dr. Laura C. J. Pereira

Dr. Dulce Belo

Guest Editors



mdpi.com/si/132601

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

**Prof. Dr. Carlos J. Gómez
García**

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

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.

Author Benefits

Open Access:— free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [Inspec](#), [CAPlus / SciFinder](#), and [other databases](#).

Journal Rank: JCR - Q2 (Chemistry, Inorganic and Nuclear) / [CiteScore - Q2 \(Electronic, Optical and Magnetic Materials\)](#)

Contact Us

Magnetochemistry Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/magnetochemistry
magnetochemistry@mdpi.com
[X@Magnetochem](#)