

# Special Issue

## Electromagnetics

### Message from the Guest Editors

This Special Issue is devoted to the study of the interaction of electromagnetic radiation with materials containing ferro- and ferrimagnets and the use of these materials for the purpose of protection from exposure to electromagnetic radiation of the radio frequency range. The following main topics are proposed as part of this Special Issue:

1. Physical effects of the interaction of electromagnetic radiation of the radio frequency range with magnetic composites.
2. Chemical technology for the creation of radio-absorbing materials based on ferro- and ferrimagnets.
3. Laboratory methods for measuring the transmission and reflection coefficients of an electromagnetic wave by magnetic composites.
4. Analysis of the structure and chemical composition of magnetic composites.
5. Modeling of magnetic composites.
6. Other aspects of the development and creation of magnetic composites for electromagnetic safety.

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### Guest Editors

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### Deadline for manuscript submissions

closed (31 August 2020)



## Magnetoechemistry

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## About the Journal

### Message from the Editor-in-Chief

*Magnetochimistry* constitutes a multidisciplinary field where chemists and physicists not only study magnetic properties but also design and synthesize chemical compounds with desired magnetic properties.

*Magnetochimistry* 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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### Editor-in-Chief

Prof. Dr. Carlos J. Gómez García

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.9 days after submission; acceptance to publication is undertaken in 3.5 days (median values for papers published in this journal in the second half of 2025).