Special Issue

Advances in Atomic Magnetometers

Message from the Guest Editors

In recent years there have been great advances in the field of atomic magnetometers. The performance of atomic magnetometers is improving, and their application field is becoming ever-wider; however, improving the experimental performance of atomic magnetometers, in addition to the problems encountered in their practical application, is very challenging. This Special Issue aims to publish a collection of forefront research articles that will expose the latest achievements in the study, theory, method, experimental results, and development of atomic magnetometers as well as their related application systems that impact the quantum precision measurement fields. We are particularly interested in, and invite colleagues to submit, original research articles that will fit into one of the topics listed below. We are hoping to offer a portal for some of this exciting new research with a promotional Special Issue of this open access journal.

Guest Editors

Dr. Xinda Song

Dr. Liwei Jiang

Dr. Bo Li

Deadline for manuscript submissions

closed (20 October 2023)



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

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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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