

## Special Issue

# Research and Application of Superconducting Magnets

### Message from the Guest Editors

All fields where the technology of superconducting magnets is a key ingredient are continuously developing. For example, although the construction of large magnets for several applications exhibits issues, this has led to the development of new areas of improvement in well-established designs, based on low-temperature superconductors. At the same time, newer materials, such as high-temperature superconductors, have opened the way for new ideas and concepts, posing new challenges for magnet design. This Special Issue aims to gather the most recent progress and designs of superconducting magnets.

---

### Guest Editors

Dr. Peng Gao  
Dr. Guanyu Xiao  
Dr. Chengtao Wang

---

### Deadline for manuscript submissions

closed (20 April 2026)



## Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/si/232071](https://mdpi.com/si/232071)

*Applied Sciences*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[applsci@mdpi.com](mailto:applsci@mdpi.com)

[mdpi.com/journal/  
applsci](https://mdpi.com/journal/applsci)





# Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/journal/  
applsci](https://mdpi.com/journal/applsci)



## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

---

### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,  
20133 Milano, Italy

---

### 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), Ei Compendex, Inspec, Embase, CAPIus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering )