



## Superconducting Magnets: Progress and Design

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Deadline for manuscript  
submissions:

**closed (30 May 2024)**

### Message from the Guest Editors

Dear Colleagues,

The field of superconducting magnets is continuously developing in all fields where this technology is a key ingredient. The construction of large magnets for several applications is showing issues, thus leading to the development of new areas of improvement in well-established design, 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 the magnet design. This Special Issue aims to gather the most recent progress and design of superconducting magnets.

The areas of relevance include, but they are not limited to, superconducting magnets for medical applications, e.g., MRI; large applications such as high-energy physics and nuclear fusion; high field experiments; and energy and transport applications, such as fault current limiters and motors. As in the design of superconducting magnets, several design tools are employed. Contributions focused on the most recent advances in the design of and modeling tools for superconducting magnets are welcome for submission.

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*Guest Editors*





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## Editor-in-Chief

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## 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.

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