Special Issue

New Developments in Applied Superconductivity

Message from the Guest Editors

This Special Issue is dedicated to the forefront of superconductivity research and its applications; it is structured into three pivotal sections—large-scale applications, materials science, and electronics.

In the realm of large-scale applications, superconducting technology has revolutionized energy sectors worldwide. Topics such as fault current limiters, superconducting cables, storage energy, and motors and generators are welcome in this Special Issue. Additionally, advancements in fusion energy promise sustainable power generation. Topics related to these areas are also highly encouraged.

By highlighting these areas, this Special Issue aims to foster discussions and collaborations among researchers and industry leaders. It emphasizes the transformative potential of superconductivity in addressing global energy challenges and advancing the frontiers of materials science and electronics. We invite contributions that provide insights into both theoretical advancements and practical applications, driving innovation in superconducting technology.

Guest Editors

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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.

Editor-in-Chief

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