Special Issue

Applications of Superconductor Technology

Message from the Guest Editor

Following the discovery of superconductivity in 1911, superconductors have shown they are well suited for various applications, attracting unprecedented interest in the scientific community. Superconductivity can deliver large current with higher efficiency, lower energy loss, greater reliability and more environmentally friendly. It also allows novel solutions to be applied in the field of power system, high-field magnets, the magnetic resonance imaging(MRI), magnetic levitation systems, and particle accelerators, where superconductivity's matchless advantages are utilized. This special issue aims to provide a forum for the latest developments in applications of superconductivity. The emphasis will be on the achievements of superconductivity based technological applications in large scale, materials and electronicas. Topics can range from an individual device to integrated systems, from laboratory investigations to industrial applications.

Guest Editor

Dr. Chao Li

School of Electrical & Information Engineering, Tianjin University, Tianjin 300072, China

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

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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

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