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# Advances in Materials, Devices and Applications of Superconducting Technology

Guest Editors:

#### Dr. Peifeng Gao

College of Civil Engineering and Mechanics, Lanzhou University, Lanzhou 730000, China

#### Dr. Ying Xu

State Key Laboratory of Advanced Electromagnetic Engineering and Technology, School of Electrical and Electronic Engineering, Huazhong University of Science and Technology, Wuhan 430074, China

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Superconducting materials hold great potential in bringing radical changes for high-energy and high-field applications such as superconducting magnets, superconducting generators and motors, superconducting cables for power transmission, superconducting fault current limiter, and superconducting magnetic energy storage. It is necessary to elucidate the challenges and benefits of various types of superconducting materials and applications.

This Special Issue on "Advances in Materials, Devices and Applications of Superconducting Technology" will address the novel techniques, theories, and concepts for the research progress in superconducting materials, devices, and applications. Full articles, short communications, and review papers on theoretical modeling, numerical simulation, and experimental characterization are welcome for submission. Topics of interest include but are not limited to the following:

Superconducting materials;

Large-scale applications and superconducting power devices;

Mechanical, electromagnetic, and thermal stability.









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## **Editor-in-Chief**

#### Prof. Dr. Maryam Tabrizian

 Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada
Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

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*Materials* Editorial Office MDPI, St. Alban-Anlage 66 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/materials materials@mdpi.com X@Materials\_Mdpi