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Physics and Application of Superconductivity (2nd Edition)

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Deadline for manuscript submissions:

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Message from the Guest Editors

Dear Colleagues,

Superconductors have already been applied in a number of ways, from high-magnetic-field sources to electronic devices, and they have had a substantial impact on everyday life. However, they still hold immense promise for future applications. This Special Issue will focus on the various classes of superconducting materials, such as lowtemperature, high-temperature, and iron-based superconductors, together with their structural, electrical, and magnetic characterization, as well as theoretical modeling. It will also address the processing of the materials into various shapes and configurations needed for characterization and applications, as well as material design principles. Regular articles, review papers, or short communications are welcome

The scope of this Special Issue includes, but is not limited to, the following topics:

- Thin films:
- Multilayers;
- Tunneling spectroscopy;
- Electrical measurements;
- Magnetic measurements;
- Structural characterization;
- Devices;
- Analytical and numerical models.













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Message from the Editor-in-Chief

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