Special Issue

Ferroelectric Spintronics: Merging Electric and Spin Degrees of Freedom

Message from the Guest Editor

This Special Issue aims to highlight advances in ferroelectric spintronics, focusing on how spintronic principles can be applied to ferroelectric materials and how ferroelectric properties can enhance or enable spintronic functionalities. It will also explore the integration of ferroelectric and magnetic materials, including multiferroics, to exploit their coupled electric and magnetic order parameters for innovative device applications. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but not limited to) the following:

- Transport and dynamic properties of ferroic materials;
- Composite multiferroics;
- Novel magnetoelectric coupling mechanism;
- Electrical manipulation of spin currents and magnetization.

I/We look forward to receiving your contributions.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

New phenomena and technological applications of magnetism are fascinating topics. The *Magnetism* journal aims to establish an international forum where both basic and applied developments in this field can be shared, on a budget-level peer-review publishing platform with other experts and non-specialists. The journal is inviting contributions from authors who wish to share their original work in any field related within this area, including fundamental mechanisms, theoretical models, novel magnetic materials and devices, magnetic nanostructures, magnetic recording, biomagnetism, etc. The journal will facilitate the author's process of submission and the peerreview steps for a high-quality and timely publication in order to reach the widest audience.

Editor-in-Chief

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