



Novel Phase-Change, Resistive, Ferroelectric Materials and Their Applications

Guest Editor:

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Message from the Guest Editor

We are pleased to invite you to contribute original research articles as well as review articles to this Special Issue. Due to the increasingly significant asymmetrical development of data processing speeds between CPUs and memories, the "memory wall" problem severely restricts the overall speed improvement in computer systems.

This Special Issue aims to offer a collection of articles describing state-of-the-art advances in the fields of novel information functional materials such as phase-change materials, resistive materials, and ferroelectric materials and their applications. This Special Issue will highlight the fundamental understanding of material properties, structures, and engineering methods to overcome the current challenges for next-generation memories.

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Phase-change, resistive, and ferroelectric materials;
- Nanomaterial preparation;
- Heterostructure and interface engineering;
- Correlation between structure and properties;
- Applications of nanomaterials and interfaces in different fields.





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Editor-in-Chief

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Message from the Editor-in-Chief

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