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Synthesis and Applications of Ferroelectric Thin Films

Guest Editor:

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Deadline for manuscript submissions:
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Message from the Guest Editor

Recently, several promising developments in the use of ferroelectric thin films in new applications have been reported, covering different areas such as energy harvesting and storage, photocatalysis, photovoltaics, tunnel junctions, and memristors, among others. Therefore, interest in ferroelectric thin films is continuously on the rise, both from fundamental science and application-oriented research perspectives. However, discovering new ferroelectric materials and improving the performance of existing ferroelectric thin films in device applications remains crucial in the development of new functional materials, while finding innovative syntheses and improving existing ones, towards finding new technological solutions that impact the cost-efficiency relationship.

To celebrate the 100th anniversary of the discovery of ferroelectricity, this Special Issue will provide a comprehensive overview and the most recent advances in topics related to the synthesis and applications of ferroelectric thin films.

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Message from the Editor-in-Chief

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