

## Special Issue

# Advanced Ferroelectric Materials and Films: Properties and Applications for Post Moorish Era

### Message from the Guest Editors

High-performance ferroelectric materials are a kind of functional material with wide application prospects. Researchers choose different ferroelectric materials for research and constantly explore their preparation process, but so far, the research on some properties of ferroelectric materials has not reached a satisfactory level. The research and application of their characteristics still need our continuous research, exploration, and attention, especially in the application of ferroelectric materials in microelectronic components in the post-molar era. This SI aims to highlight the latest progress of ferroelectric material science and technology from the aspects of new materials, new structures and new principles, covering a wide range of fields from theory and modeling, preparation, and characterization to new applications through the combination of original research papers and review articles from leading groups around the world.

- ferroelectric thin films
- hafnium oxide
- memory devices
- logic devices
- integration of storage and calculation
- ultra-low power consumption

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### Guest Editors

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### Deadline for manuscript submissions

closed (31 December 2023)



## Coatings

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### Message from the Editorial Board

Now more than ever, research is asked to deliver knowledge and technologies to solve the major challenges faced by our society. The development of new materials and devices for (without the ambition to be exhaustive) energy, health and food technology, together with the need for establishing processes that reduce the impact on critical resources and the environment, is indeed in the spotlight of most contemporary research. Surface science and engineering play a key role in this regard, with an incredible potential in delivering new and deep scientific understanding and technical solutions essential to solve most of the major societal challenges.

Coatings is a well-established, peerreviewed, online journal dedicated to the vibrant field of surface science and engineering. Coatings publishes original research articles that report cutting-edge results and review papers that make the point on the hottest research topics.

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### Editors-in-Chief

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