

# Special Issue

## Ferroelectric Thin Films and Composites

### Message from the Guest Editor

Ferroelectric materials are of great interest due to their potential applications in various functional devices, such as piezoelectric sensors, transducers, energy harvesters, memories, microwave filters, resistors in integrated circuits, and microelectromechanical systems. We would like to invite you to submit your original research to this *Coatings* Special Issue entitled “Ferroelectric Thin Films and Composites”. The scope of this Special Issue includes all aspects of research within the broad fields of coatings and ferroelectric materials, including experimental and theoretical studies as well as reviews. In particular, the topics of interest include but are not limited to:

- Ferroelectric thin films: fabrication, characterization, related theory, and applications.
- Ferroelectric composites: fabrication, characterization, simulation, and applications.
- Functional devices and their applications.
- Artificial-intelligence-driven material characterization and data mining.
- Any other aspects of ferroelectric materials.

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### Guest Editor

Prof. Dr. Xiaoyan Lu

School of Civil Engineering, Harbin Institute of Technology, Harbin, China

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### Deadline for manuscript submissions

closed (31 August 2024)



## Coatings

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## About the Journal

### 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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