

## Special Issue

# Advances in Ferroelectric and Piezoelectric Thin Films: Synthesis, Properties and Applications

### Message from the Guest Editors

We would like to invite you and appreciate your contribution to this Special Issue of *Coatings* entitled “Advances in Ferroelectric and Piezoelectric Thin Films: Synthesis, Properties, and Applications”. This issue aims to summarize the recent advances in thin film and nanoscale ferroelectric and piezoelectric materials, with subject matters ranging from synthesis, growth, their related functional properties, and device fabrication. Authors are invited to submit original research, critical review articles, or short communications focused on but not limited to these topics:

- Lead-free piezoelectric;
- Flexible mechanical/piezoelectric energy harvesters;
- Pyroelectric and electrocaloric effect;
- Ferro/piezoelectric polymer nanocomposites;
- Ferroelectric thin films for high energy storage devices;
- Domain structure and local piezoelectric properties;
- Domain and domain wall engineering;
- Thin films of organic and MOF ferroelectrics.

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### Guest Editors

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### Deadline for manuscript submissions

closed (31 December 2020)



## 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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