

Semiconductor Thin Films and Coatings

Guest Editor:

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Message from the Guest Editor

The research and development of semiconductor thin films and coatings have become a focal point for scientists and engineers aiming to enhance device efficiency, reliability, and functionality. By exploring the intricacies of semiconductor thin films and coatings, researchers strive to unlock new possibilities and revolutionize industries such as information technology, renewable energy, and healthcare.

Therefore, we would like to invite you to submit your original research to this *Coatings* Special Issue entitled “Semiconductor Thin Films and Coatings”. The goal of this Special Issue is to explore all aspects of research related to semiconductor thin films and coatings through theoretical and application-oriented papers, experimental and numerical studies, reviews, etc.

We encourage you to contribute manuscripts containing scientific findings within the broad fields of semiconductor thin films and coatings. In particular, the topics of interest include, but are not limited to:

- Deposition techniques
- Theoretical studies
- Characterization
- Interfacial engineering
- Applications



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Special Issue

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Message from the Editorial Board

Now more than ever, research is called for to produce technologies and improve knowledge 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 at the center of most contemporary research. Surface science and engineering play a key role in this regard. Refining surfaces and their modifications provides new materials, architectures and processes with a huge potential to aid most societal challenges. *Coatings* is a well-established, peer-reviewed, online journal that focuses on the dissemination of publications in the field of surface science and engineering. *Coatings* publishes original research articles that report cutting-edge results and review papers on the hottest topics.

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