

Special Issue

Semiconductor Thin Films and Coatings

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

Guest Editor

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Deadline for manuscript submissions

closed (31 March 2025)



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About the Journal

Message from the Editor-in-Chief

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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