

Recent Trends in Coatings and Thin Film–Modeling and Application

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Deadline for manuscript submissions:

closed (30 April 2020)

Message from the Guest Editor

Dear Colleagues,

We would like to take this opportunity to invite researchers to contribute their original research work and review articles to this Special Issue on “Recent Trends in Coatings and Thin Film: Modeling and Application” to be published in *Coatings*. The goal of this Special Issue is to address challenges and current issues that either advance the state-of-the-art of experimental, numerical and theoretical methodologies or extends the bounds of existing methodologies to new contributions related to coatings and thin film containing whichever, magnetic, multiphase, material science, nanotechnology, surfaces, interfaces and mechanical sensing properties. We hope that this issue will, not only provide an overall picture and most up-to-date findings to readers from the scientific community working in the field, but would also benefit the industrial sectors in specific market niches and end users.

Potential topics dealing with the following subheadings are deemed suitable for publication (but are not limited to):

- Development and characterization of coatings
- Applications of thin films
- Nanostructured materials
- Surfaces and interfaces
- Applications of multiphase fluids
- Mathematical modeling on biological applications
- Electronics, magnetics and magneto-optics



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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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