

Special Issue

Recent Trends in Coatings and Thin Film–Modeling and Application

Message from the Guest Editor

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

Guest Editor

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Deadline for manuscript submissions

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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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