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Advanced Hybrid Coatings and Thin Films for Surface Functionalization

Guest Editor:

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Deadline for manuscript submissions:
closed (15 September 2020)

Message from the Guest Editor

We would like to invite you to submit your work to this Special Issue on "Advanced Hybrid Coatings and Thin Films for Surface Functionalization" in journal *Coatings*. The aim of this Special Issue is to publish original research articles, critical reviews, as well as perspectives, from leading researchers in both academia and industry, on all aspects related to the recent advances in the design, synthesis, and development of hybrid coatings/thin films, and their applications for surface functionalization. The contributions on the new concepts, mechanisms, and the potential impact and challenge of hybrid thin films and coatings are also welcome.

In particular, the topic of interest includes, but is not limited to:

- New chemical ways for the production of thin hybrid coatings;
- Advanced multifunctional thin coatings;
- Novel thin films for surface functionalization;
- New methods for the characterization of hybrid coatings for surface functionalization;
- Advanced industrial applications of hybrid coatings for surface functionalization.

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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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