

## Efficiency of Coatings Formed in Various Ways

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### Message from the Guest Editor

Currently, a variety of coating formation techniques are widely used, the most important of which are: dip-coating technique, chemical deposition/electrodeposition, layer by layer assembly, spray coating, spin coating technique, electrospray/electrospinning coating technique, chemical etching technique, lithographic patterning technique, and miscellaneous techniques. It is impossible to list all the known techniques. In addition, interesting new coating techniques are constantly being developed. Each of them has its own advantages and disadvantages, so far unknown to a wide audience.

The purpose of this Special Issue is to publish original research articles, critical reviews, and the views of leading researchers in both academia and industry

In particular, the topics of interest include, but are not limited to:

- New ways of forming coatings;
- Materials with coatings formed in various ways;
- New methods for determining the characteristics of coatings;
- Advanced industrial applications of coatings formed by new methods.



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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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