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Deposition, Characterization and Application of Anti-corrosion and Lubricating Coatings

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Deadline for manuscript submissions:
31 October 2024

Message from the Guest Editors

The aim of this Special Issue is to understand the basic principles of deposition, characterization and application of anti-corrosion and lubricating coatings.

The scope of this Special Issue will serve as a forum for papers in the following concepts:

- Theoretical and experimental research, knowledge and new ideas in anti-corrosion and preventive coatings mechanisms;
- Recent developments and application in anti-corrosion and lubricating coatings;
- Anti-corrosion and lubricating coatings produced by different processing and deposition methods;
- Understanding the degradation mechanisms of coatings through friction, wear or other dynamic loading condition and corrosion;
- Computer modeling, simulation to predict coating properties, performance, durability and reliability in service environments.

It is our pleasure to invite you to submit your article to this Special Issue. We look forward to receiving your paper for the Special Issue "Deposition, Characterization and Application of Anti-corrosion and Lubricating Coatings" of MDPI's *Coatings*.

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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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