

Special Issue

Advanced Electrochemical Surface Properties

Message from the Guest Editor

This *Special Issue* deals with the current trends including theoretical calculations, synthesis techniques, and advanced applications of surfaces. Nowadays, it is crucial to vary the properties of materials using controlled surface engineering for advanced applications of surfaces. Indeed, optimization of thermal, magnetic, electronic, mechanical, chemical, and optical materials' properties can be obtained via interface control. The theme of this *Special Issue* broadly includes (but is not limited to):

- Physical, chemical, and biological phenomena at surface and interface
- Nanostructured surfaces and interfaces
- Surface science of electro- and photo-catalysis
- Deposition and growth
- Functional surfaces and interfaces
- Surface modification of materials for advanced applications
- Novel experimental techniques for preparation of surfaces and interfaces
- Theoretical contributions in surfaces and interfaces

We look forward to original research and review articles as well as short communications, both theoretical and experimental, for this *Special Issue* entitled "Advanced Electrochemical Surface Properties".

Guest Editor

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Deadline for manuscript submissions

closed (20 February 2024)



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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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