



Micro- and Nanoscale Coatings for Biomedical and Environmental Applications

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Deadline for manuscript submissions:

closed (20 June 2023)

Message from the Guest Editors

Dear Colleagues,

This Special Issue focuses on publishing research on the development of novel micro/nanoscale devices fabricated via the aforementioned coating methods. We invite potential authors to submit their novel research ideas in the form of articles, short communications and review papers. The scope of this Special Issue will serve as a platform for papers on the following concepts:

- The experimental processing of new methods of nanomaterial coatings.
- The advent of new advanced functional nanomaterials and their fabrication and characterization in optoelectronics.
- Nanoscale coatings for novel biomedical devices to diagnose multiple chronic diseases.
- Nanoscale coatings of novel devices for environmental monitoring such as gas sensors, e-nose systems and optical cameras.
- Computer-aided simulations and the modelling of multiple coatings for biomedical and environmental applications.

We are looking forward to receiving your submissions.





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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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