

Special Issue

Functional Coatings and Soft Matter: Insights from Nanomechanics and Surface Properties

Message from the Guest Editor

This Special Issue is aiming to communicate new insights and recent scientific advances in the field of Functional Coatings and Soft Matter. In particular, the topics of interest include, but are not limited to:

- The nanomechanics of coatings and soft matter;
- Tailoring the surface properties of coatings and soft matter (including self-assembled layers and biobased materials);
- Nanoscale surface characterization, including the anticorrosion, barrier protection, local electrical, and antimicrobial properties of functional/smart coatings and soft matter;
- The nanoscale characterization of the tribological and triboelectrical properties of coatings and nanocomposites;
- New developments for probing the nanoscale properties of coatings and soft matter.

Guest Editor

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Deadline for manuscript submissions

closed (31 December 2023)



Coatings

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.4



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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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