

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

Dr. Dobryden Illia

Department of Engineering Sciences and Mathematics, Division of Materials Science, Experimental Physics, Luleå University of Technology, 97187 Luleå, Sweden

Deadline for manuscript submissions

closed (31 December 2023)



Coatings

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.4



mdpi.com/si/79555

Coatings
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
coatings@mdpi.com

[mdpi.com/journal/
coatings](https://mdpi.com/journal/coatings)





Coatings

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.4



[mdpi.com/journal/
coatings](https://mdpi.com/journal/coatings)



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.

Editors-in-Chief

Prof. Dr. Wei Pan

State Key Laboratory of New Ceramics and Fine Processing, School of Materials Science & Engineering, Tsinghua University, Beijing 100084, China

Dr. Emerson Coy

NanoBioMedical Centre, Adam Mickiewicz University in Poznań, ul. Wszechnicy Piastowskiej 3, 61-614 Poznań, Poland

Author Benefits

Open Access

– free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Physics, Applied) / CiteScore - Q2 (Surfaces, Coatings and Films)