

Special Issue

Anti-Corrosion Coatings: From Materials to Applications

Message from the Guest Editor

The Special Issue seeks to gather together papers on advanced, multifunctional smart coating materials and on their application in order to engage with new trends that help advance our understanding of degrading mechanisms as well as the inhibition potential for different types of corrosion. The aim of this Special Issue is to publish manuscripts on the following topics:

- New materials/nanomaterials for surface (pre)treatments that improve the chemical/electrochemical/microbiological stability of the solid surface;
- Coatings with anticorrosion and antimicrobial adhesion activity;
- Innovation in multifunctional coatings—materials, techniques, characterization;
- Coatings with antimicrobial activity;
- Non-releasing biostatic/biocidal coatings;
- New characterization techniques that improve the analysis of smart coatings;
- Visualization of surface coatings by traditional and novel methods.

Guest Editor

Dr. Judit Telegdi

1. Faculty of Light Industry and Environmental Engineering, Óbuda University, Doberdó u. 6, 1034 Budapest, Hungary
2. HUN-REN Research Centre for Natural Sciences, Magyar Tudosok Krt. 2, H-1117 Budapest, Hungary

Deadline for manuscript submissions

20 June 2026



Coatings

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.4



mdpi.com/si/251423

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)