

Special Issue

New Advances in Novel Optical Materials and Devices

Message from the Guest Editor

The optical materials and devices field continues to grow and plays a key role in new developments in areas such as biomedical devices, imaging, optical communication networks, optical storage media, and photovoltaics. The research activities in these areas require the use and control of electromagnetic radiation in the ultraviolet, visible, or infrared spectral regions, and optical materials and devices are tools that can perform such functions. We are pleased to invite you to submit original research articles and review papers within the scope of surface and interface science and engineering. Research areas may include (but are not limited to) the following:

- Thin and thick films for optical devices;
- Characterization techniques for optical materials and devices;
- Dyes, pigments and their intermediates with application in optical materials and devices;
- Surface science applied to optical materials and devices;
- Fundamental and functional properties of optical materials and devices;
- Theoretical and computational modeling of optical materials and devices.

We look forward to receiving your contributions.

Guest Editor

Dr. Alexandre Botas

i3N, Department of Physics, University of Aveiro, Campus Universitário de Santiago, 3810-193 Aveiro, Portugal

Deadline for manuscript submissions

closed (10 September 2024)



Coatings

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.4



mdpi.com/si/109689

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)