

Special Issue

Optical Thin Films and Structures: Design and Advanced Applications

Message from the Guest Editor

You are cordially invited to submit your original work to this Special Issue devoted to “Optical Thin Films and Structures: Design and Advanced Applications”. This Special Issue will cover the recent progress and new developments in the area of the design, deposition, characterization, and application of optical thin films and structures. In particular, the topics of interest include, but are not limited to the following:

- Design of complex thin films and structures;
- Deposition strategies for optical thin films and multilayered structures;
- Antireflective thin film coatings;
- Thin films and structures for optical sensing of humidity, VOC's, gases, heavy metal ions, etc.;
- Optical thin films in photocatalysis;
- Optical thin films in solar cells;
- Optical thin films in light emitting devices;
- Transparent and conductive thin films and structures;
- Optical thin films and structures for security devices.

Guest Editor

Prof. Dr. Tsvetanka Babeva

Institute of Optical Materials and Technologies, Bulgarian Academy of Sciences, 1113 Sofia, Bulgaria

Deadline for manuscript submissions

closed (20 April 2020)



Coatings

an Open Access Journal
by MDPI

Impact Factor 2.9
CiteScore 5.0



mdpi.com/si/26444

Coatings

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 2.9
CiteScore 5.0



[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), Inspec, CAPIus / SciFinder, and other databases.

Journal Rank:

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