



Polymer Coatings, Films, and Dyes

Guest Editors:

Dr. Alenka Ojstršek

Institute of Engineering Materials
and Design, Faculty of
Mechanical Engineering,
University of Maribor, Maribor,
Slovenia

Dr. Selestina Gorgieva

Institute of Engineering Materials
and Design, Faculty of
Mechanical Engineering,
University of Maribor, Smetanova
17, 2000 Maribor, Slovenia

Deadline for manuscript
submissions:

closed (30 September 2021)

Message from the Guest Editors

Dear Colleagues,

We would like to invite you to submit your work to the Special Issue "Polymer Coatings, Films, and Dyes." Numerous polymer coatings and thin films can be applied to the surface of different materials such as plastic, glass, metal, textiles, etc. In combination with functional dyes and pigments, they could serve as protective and decorative layers with enhanced durable properties. This Special Issue aims to cover the most recent experimental and theoretical developments in the field of polymer coatings, films, and dyes with focus on their preparation, characterisation, applications, and durability. In particular, the topics of interest of this Special Issue include, but are not limited to:

- Polymer coatings
- Surface modification
- Thin films and interfaces
- Barrier coatings
- Biodegradable coatings
- Multifunctionality
- Functional dyes and pigments
- Protective applications
- Technical applications
- Biomedical applications





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

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.

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)

Contact Us

Coatings Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/coatings
coatings@mdpi.com
X@Coatings_MDPI