

Special Issue

Applications of Ceramic and Cermet Coatings in Processing and Manufacturing

Message from the Guest Editors

Ceramic and cermet coatings are always applied with the aim of improving the final product. Such surface treatment of an element results in the improvement of its mechanical, physicochemical, tribological, anticorrosion, and other functional properties, regardless of the core material properties. Products with ceramic and cermet coatings are used in various industry branches, such as in the tool, machine, automotive, aviation, space, electronics, and precision industries, as well as in medical and dental engineering. We encourage you to present modern methods of applying ceramic and cermet coatings along with the areas of their current and future implementations in processing and manufacturing. We are convinced that the effect of our cooperation will be very interesting and will inspire scientists and entrepreneurs to further develop and improve ceramic and cermet coatings. We are looking forward to receiving your submissions!

Guest Editors

Prof. Dr. Anna D. Dobrzańska-Danikiewicz

Department of Materials Science, Technology and Machine Operation, Institute of Mechanical Engineering, Faculty of Mechanical Engineering, University of Zielona Góra, 65-516 Zielona Góra, Poland

Prof. Dr. Leszek Adam Dobrzański

Medical and Dental Engineering Centre for Research, Design and Production ASKLEPIOS, 44-100 Gliwice, Poland

Deadline for manuscript submissions

closed (30 September 2022)



Coatings

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.4



mdpi.com/si/66875

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)