



Industrial Coatings: Applications and Developments

Guest Editor:

Dr. Dimitrios Z. Chaliampalias

Advanced Materials and Devices
Laboratory (AMDE Lab),
Department of Physics, Aristotle
University of Thessaloniki, 54124,
Greece

Deadline for manuscript
submissions:

closed (20 August 2021)

Message from the Guest Editor

The journal *Coatings* will publish a Special Issue on "Industrial Coatings: Applications and Developments" during 2020. The coating technology is widely applied for surface modification of a great range of materials in order to promote their properties such as anticorrosion protection, surface hardness, thermal insulation, etc. The main focus of this Special Issue is cutting edge coatings, for protection against corrosion, mechanical stressing and for surface modification. The objectives of the issue will focus on deposition procedures that can be incorporated in industrial scale and coating properties that are potential candidates for mechanical and structural applications. Thus, the aim of this Special Issue is to present the latest applications and developments in the field of functional coatings, through a combination of original research papers and reviews from research groups around the world. In particular, the topics of interest include, but are not limited to the following:

- Protective coatings
- Coatings for surface hardening
- Smart coatings
- Powder coatings
- Composite coatings
- Novel coating materials
- Coating procedures and methods
- Coating testing





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