



## Anticorrosion Protection of Nonmetallic and Metallic Coatings II

Guest Editors:

**Dr. Tadeja Kosec**

Laboratory for metals, corrosion and anticorrosion protection, Slovenian National Building and Civil Engineering Institute, Dimičeva 12, SI-1000 Ljubljana, Slovenia

**Dr. Aleksandra Kocijan**

Laboratory of Analytical Chemistry and Corrosion, Physics and Chemistry of Materials, Institute of Metals and Technology, Lepi pot 11, SI-1000 Ljubljana, Slovenia

Deadline for manuscript submissions:

**closed (30 September 2021)**

### Message from the Guest Editors

The scope of this Special Issue includes research on anticorrosion coatings of nonmetallic and metallic origin. It is a result of a successful first issue. It also focuses on the improved anticorrosion properties of metallic, nonmetallic, and composite coatings using different engineering approaches to increase their durability in various demanding applications. It is highly recommended to present your research using novel approaches of defining anticorrosion properties through the use of electrochemical, spectroscopic techniques and other techniques in your research on nonmetallic and metallic coatings. Novel protection systems are highly encouraged. Submitted papers are expected to follow different aspects of processes, including physical and chemical vapor deposition, atomic layer deposition, thermal and plasma spraying, directed energy techniques, wet chemical and electrochemical processes, and techniques based on nanotechnology. The papers should provide comprehensive insight on corrosion resistance, mechanical properties, and surface/interface characterization, with emphasis on enhanced functional performance of presented anticorrosion protection for different 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), Inspec, 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