

# Special Issue

## Surface Engineering in the Diagnostics, Conservation and Restoration of Cultural Heritage

### Message from the Guest Editors

The current trends of research in the Heritage Science field include the development of nanomaterials and hybrid and multifunctional coatings that improve the surface properties, as well as eco-friendly and sustainable materials highlighting the importance of a balance between the effectiveness of treatments and the environmental and conservation requirements under a cross-field approach taking advantage of other technologies. The scope of this Special Issue includes, but is not limited to, the following topics:

- Latest developments of analytical methods, such as imaging techniques, scanning, and other sensing techniques for the characterization of surface morphology, properties, and defects, with an emphasis on the diagnostics of cultural heritage.
- Innovation and performance evaluation of coatings and other surface treatments: nanostructured materials and polymers.
- The development of non-toxic, sustainable materials, providing safer alternatives for cultural heritage protection with long-term efficacy and reduced environmental impact.
- Innovative cleaning systems with tailored properties, such as solvent release, and compatibility with cultural heritage materials.

---

### Guest Editors

Dr. Diego Quintero Balbas

National Institute of Optics, National Council of Research, 50125 Florence, Italy

Dr. Jana Striova

National Institute of Optics, National Council of Research, 50125 Florence, Italy

---

### Deadline for manuscript submissions

28 February 2026



## Coatings

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.4



[mdpi.com/si/220063](http://mdpi.com/si/220063)

*Coatings*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
coatings@mdpi.com

[mdpi.com/journal/  
coatings](http://mdpi.com/journal/coatings)





# Coatings

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.8  
CiteScore 5.4

---



[mdpi.com/journal/  
coatings](http://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, peer-reviewed, 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. Wszechniczy 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)

