

Advanced Coating Material for Heritage Preservation

Guest Editors:

Dr. Yulan Hu

Department of Cultural Heritage
and Museology, Zhejiang
University, Hangzhou, China

Dr. Shiqiang Fang

Centre for the Protection of
Cultural Property, School of
Humanities, Ningbo University of
Finance & Economics, Ningbo
315175, China

Deadline for manuscript
submissions:

closed (12 October 2023)

Message from the Guest Editors

Nowadays, influenced by natural and human factors, a large number of immovable cultural heritage sites are being destroyed. One of the keys to the successful protection of immovable cultural relics is the development of coating materials and technologies. Much evidence has proved that proper coating materials and techniques can protect immovable cultural relics; on the other hand, the use of the wrong materials would cause more serious damage. This requires researchers to design different coating materials and develop appropriate coating technology according to the actual situation. Towards this goal, we are assembling a Special Issue of *Coatings* to provide a platform for the researchers to publish their novel studies.

The theme includes (but is not limited to):

- Materials for use in the reinforcement of stone cultural relics;
- Fire-retardant coatings for wood cultural relics;
- Coating technology in heritage conservation;
- Super-hydrophobic coating;
- Multi-layer coating for cultural relics;
- Interactions between coatings and cultural relics;
- The degradation processes of coating materials in cultural relics;
- Novel coating and characterizations for cultural relics.



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 called for to produce technologies and improve knowledge 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 at the center of most contemporary research. Surface science and engineering play a key role in this regard. Refining surfaces and their modifications provides new materials, architectures and processes with a huge potential to aid most societal challenges. *Coatings* is a well-established, peer-reviewed, online journal that focuses on the dissemination of publications in the field of surface science and engineering. *Coatings* publishes original research articles that report cutting-edge results and review papers on the hottest 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 (*Materials Science, Coatings & Films*) / CiteScore - Q2 (*Surfaces and Interfaces*)

Contact Us

Coatings Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

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