



Heritage Conservation and Restoration: Surface Characterization, Cleaning and Treatments

Guest Editor:

**Dr. Maduka Lankani
Weththimuni**

Department of Chemistry,
University of Pavia, Pavia, Italy

Deadline for manuscript
submissions:

15 July 2024

Message from the Guest Editor

Heritage Conservation and restoration are necessary because Heritage sites (historical buildings, artifacts, sculptures, paintings, etc.) are symbols of history and are subject to several degradation processes and aging due to several factors. In particular, decay processes of historical materials related to physical and chemical phenomena occur mainly in the presence of water, which is one of the most deteriorating factors, especially for porous materials (wood and stone). In addition, air pollution, dyes, and microorganism colonization are frequently related to the harmful degradation of building materials, which contribute to the decay of external historic buildings. Thus, the conservation and restoration of cultural heritage materials have become a necessity in a lot of countries. For conservation and restoration purposes, numerous new materials and methods have been developed during the past decade. Toward this goal, we are assembling a Special Issue of *Coatings*, which aims to encourage researchers and provide them with a platform to publish their novel studies. In this Special Issue, original research articles and reviews are welcome.





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