



Materials in Cultural Heritage: Analysis, Testing, and Preservation

Guest Editors:

Prof. Dr. Žiga Šmit

1. Faculty of Mathematics and Physics, University of Ljubljana, SI-1000 Ljubljana, Slovenia
2. Jožef Stefan Institute, SI-1000 Ljubljana, Slovenia

Dr. Eva Menart

1. National Museum of Slovenia, SI-1000 Ljubljana, Slovenia
2. Jozef Stefan Institute, SI-1000 Ljubljana, Slovenia

Deadline for manuscript submissions:

20 May 2025

Message from the Guest Editors

The achievements of past generations are a valuable tangible or intangible memory for the present, as we admire and learn from the actions of the past. In short, we call this memory cultural heritage, which is both material and immaterial. It is, however, the material heritage that is subject to constant deterioration and decay; therefore, it requires special care for its preservation. On the other hand, some historical facts about the objects' production, usage and distribution are hidden within the objects themselves and not well understood, so we are hoping to learn more about them by applying specific analytical methods, which may reveal unseen connections between objects and their use, regions, and cultural groups.

- Environmental monitoring of the CH storage and display areas;
- Degradation studies on the objects of CH;
- Innovative conservation procedures;
- Authenticity testing of CH objects and detection of forgery;
- Development of specialized analytical techniques;
- Studies of specific materials: archaeological and historic glass, metals, pigments and lithic materials;
- Experimental archaeology, i.e., reconstruction of ancient techniques and materials.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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), PubMed, PMC, Ei Compendex, CaPlus / SciFinder, Inspec, Astrophysics Data System, and other databases.

Journal Rank: JCR - Q1 (Metallurgy and Metallurgical Engineering) / CiteScore - Q2 (Condensed Matter Physics)

Contact Us

Materials Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/materials
materials@mdpi.com
[X@Materials_Mdpi](https://twitter.com/Materials_Mdpi)