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Advanced Materials & Methods for Heritage & Archaeology

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Deadline for manuscript submissions:

closed (10 January 2024)

Message from the Guest Editors

This Special Issue intends to provide an international, open-access forum for archaeologists and scientists with different scientific backgrounds who share a common interest in developing and applying advanced materials and methods to archaeology and heritage research, in the context of heritage science. Heritage science is an interdisciplinary research domain that is rapidly expanding. It crosses arts, humanities, and sciences to address the study of cultural heritage in terms of enhanced understanding and preservation, as well as sustainable use and management. Significant advances in heritage-related research have come from the increasing contributions of scientific disciplines, such as chemistry, physics, mechanics, engineering, and computer science, to the analysis and investigation of cultural heritage assets.

We welcome the submission of original manuscripts including but not limited to the following topics:

The investigation of raw materials and production methods of past technologies;

The characterization of building surface finishing levels or patinas;

The analysis of residues in archaeological remains;

The non-destructive analysis of cultural heritage materials.



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Special Issue



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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.

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