

Special Issue

X-ray Physics and Digital Imaging for the Study, Preservation and Protection of Cultural Properties

Message from the Guest Editors

X-rays have had a leading role in the development of heritage sciences and the conservation of cultural heritage. Currently, the development of MA-XRF systems has further boosted the ability to identify the production techniques of the artifact, thus answering the questions of art historians, archaeologists, and conservators/ restorers. Over the last decade, there has been an acceleration in the development of techniques. Hence, the need to update the state of the art across different sectors into which advanced research in the field of X-rays applied to the diagnostics of cultural heritage can be divided.

This Special Issue will welcome manuscripts that link the following themes:

- Digital radiology;
- X-ray fluorescence (XRF);
- X-ray diffraction (XRD);
- X-ray transmission;
- Portable instrumentation XRF and XRD;
- MA-XRF application;
- Synchrotron light application in art and conservation;
- Tomography and its applications.

We look forward to receiving your original research articles and reviews.

Guest Editors

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About the Journal

Message from the Editorial Board

Heritage is an international, peer-reviewed, open access journal that focuses on knowledge, conservation, interpretation and management of cultural and natural heritage, by presenting and enabling novelty and advances in sensing technologies, novel methods, best practices and policies. *Heritage* has the ambition to become a “cultural forum”, where scientists and experts offer answers to significant issues affecting cultural and natural heritage, by creating a knowledge bridge between different technological and social disciplines. *Heritage* has an Editorial Board of eminent international leaders and this ensures rigorous peer-review processing for high quality and novel papers. We strongly recommend *Heritage* for the rapid and professional publication of your innovative research and case studies.

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