

Special Issue

Spectroscopy in Archaeometry and Conservation Science

Message from the Guest Editor

Spectroscopy has played a key role in studying complex materials sourced from archaeological sites, museums, private collections, and much more; in fact, the development of even more efficient, non-destructive, and, in most cases, portable instruments have made these techniques the most effective and suitable for the study of inorganic and organic substances of cultural heritage interest, e.g., paintings, ceramics, textiles, sculptures, and archaeological findings. Moreover, the possibility of applying spectroscopy to the study of products of degradation, which are mainly due to time and/or improper environmental conditions, opens the field to interdisciplinary research in which air quality monitoring and environmental biological characteristics can be related to the corruption of artworks. Finally, the massive amount of data usually acquired in such studies can possibly leverage the use of chemometrics and artificial intelligence. This Special Issue aims to collect research works that benefit from the application of the most up-to-date non-destructive and/or in-situ spectroscopic methods, spectral imaging techniques, and data processing techniques.

Guest Editor

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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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