

## Special Issue

# Advances in Non-invasive Multi-analytical Approaches for the Study of Painted Artworks

### Message from the Guest Editors

Research in the field of cultural heritage diagnostics has long focused on developing techniques that preserve the material integrity of works of art. Non-invasive multi-analytical approaches can provide valuable information to guide conservation and preventive interventions, as well as to define and monitor restoration operations and characterize damage phenomena.

The goal of this Special Issue is to collect papers (original research articles and review papers) to give insights about the most recent non-invasive diagnostic applications on works of art, with a special focus on paintings. This Special Issue will welcome manuscripts that link the following themes:

- Integration of point-wise elemental and molecular spectroscopic data with multi- and hyper-spectral imaging data for the identification and mapping of chemical components.
- Stratigraphic analysis using non-invasive cross-sectional methods.
- Surveying and monitoring of surface morphological changes and virtual reconstruction of missing parts using 3D models.

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### Guest Editors

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### Deadline for manuscript submissions

30 November 2025



## Heritage

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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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### Editors-in-Chief

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