

Special Issue

Interdisciplinary Applications of Spectroscopic Techniques for Heritage Conservation

Message from the Guest Editors

We invite contributions that demonstrate the power of spectroscopy to address challenges across a wide range of heritage contexts, from artworks and archaeological finds to architectural elements and archival documents. Of particular interest are interdisciplinary approaches that integrate spectroscopic data with complementary methodologies such as imaging, chemometrics, digital modeling, and artificial intelligence. Contributions may focus on novel analytical protocols, portable or in-situ instrumentation, multimodal strategies, or case studies that emphasize the role of spectroscopy in guiding conservation decisions and historical interpretation.

This Special Issue aims to highlight not only technical innovation but also the collaborative framework. Submissions addressing methodological standardization, ethical considerations in sampling and analysis, and the translation of spectroscopic findings into conservation practice are particularly encouraged. By bringing together diverse perspectives and methodologies, this Special Issue will reflect the evolving landscape of spectroscopic applications and promote integrated, sustainable approaches to heritage conservation.

Guest Editors

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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