

# **Integrated Approaches in Art Characterization**

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## **Abstract**

This paper will provide an overview of the study of works of art, archaeological remains and heritage assets conducted at the Cyprus Institute and in particular the Andreas Pittas Art Characterization Laboratories (APAC Labs), based on integrated, digital, imaging and analytical methods. Featuring a series of case studies, this presentation will introduce an array of examples that showcase the importance of integrated methodological approaches to document, study, analyze and represent artistic and archaeological objects. In particular, the talk will describe aspects of our investigation methodology, the steps taken towards assessing data quality and interoperability and the assurance of a transparent analysis process, based on the full implementation of the FAIR data principles.

Through the presentation of case-studies, our talk will discuss research problems in the history, technique and materiality of heritage assets framed by advances in the use of science and technology in cultural heritage.