

EDICULA

Educational Digital Innovative Cultural heritage related Learning Activities

Project Code: 2020-1-EL01-KA203-079108



NATIONAL
TECHNICAL
UNIVERSITY
OF ATHENS
[GREECE]



SAPIENZA
UNIVERSITA DI
ROMA
[ITALY]



BEZALEL
ACADEMY OF
ARTS AND
DESIGN
[ISRAEL]

PerpetielSI
SRL

PERPETIELSI
SRL

[ROMANIA]



ISRAEL
ANTIQUITIES
AUTHORITY

[ISRAEL]



HELLENIC RESEARCH
INSTITUTE OF THE
ALEXANDRIAN
CIVILIZATION
[GREECE]

INTELLECTUAL OUTPUT:
DELIVERABLE:
ORGANIZATION:
DATE:

O3 EDICULA HANDS-ON FRAMEWORK
D3.4B Non-destructive and Analytical testing bibliography
UNIROMA1
30 March 2022



Co-funded by the
Erasmus+ Programme
of the European Union





1. Vittiglio, G., Bichlmeier, S., Klinger, P., ...Lakdar, A., Lamotte, A. A compact μ -XRF spectrometer for (in situ) analyses of cultural heritage and forensic materials, *Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms*, 2004, 213, pp. 693–698 [DOI: [https://doi.org/10.1016/S0168-583X\(03\)01687-2](https://doi.org/10.1016/S0168-583X(03)01687-2)]
2. Glavcheva, Zornitza & Yancheva, Denitsa & Kancheva, Y. & Velcheva, Evelina & Stamboliyska, Bistra. (2014). Development of FTIR spectra database of reference art and archaeological materials. *Izvestiya po Khimiya Bulgarska Akademiya na Naukite*. 46. 164-169.
3. V. Venuti, R. Alberti, V. Crupi, M. F. La Russa, M. Licchelli, D. Majolino, M. Malagodi, B. Rossi, S. A. Ruffolo, G. Galli and R. Frontoni. Handheld XRF and Raman equipment for the in situ investigation of Roman finds in the Villa dei Quintili (Rome, Italy), *J. Anal. At. Spectrom.*, (2016) [DOI: <https://doi.org/10.1039/C6JA00249H>]
4. Sfarra, S., Ibarra-Castanedo, Clemente, Ridolfi, Stefano, Cerichelli, Giorgio, Ambrosini, Dario, Paoletti, Domenica, Maldague, Xavier. (2014). Holographic Interferometry (HI), Infrared Vision and X-Ray Fluorescence (XRF) spectroscopy for the assessment of painted wooden statues: A new integrated approach. *Applied Physics A*. 115. 1041-1056. [DOI: <http://dx.doi.org/10.1007/s00339-013-7939-1>].
5. Giovanna Bitossi , Rodorico Giorgi , Marcello Mauro , Barbara Salvadori, Luigi Dei (2005) Spectroscopic Techniques in Cultural Heritage Conservation: A Survey, *Applied Spectroscopy Reviews*, 40:3, 187-228, DOI: 10.1081/ASR-200054370 [DOI: <https://doi.org/10.1081/ASR-200054370>]
6. Casadio, Francesca, Toniolo, Lucia. (2001). The analysis of polychrome works of art: 40 years of infrared spectroscopic investigations. *Journal of Cultural Heritage - J CULT HERIT*. 2. 71-78. [DOI: [http://dx.doi.org/10.1016/S1296-2074\(01\)01107-4](http://dx.doi.org/10.1016/S1296-2074(01)01107-4)]
7. Hocquet, François-Philippe, Garnir, H.-P, Marchal, A., Clar, M., Oger, Cécile & Strivay, David. (2008). A remote controlled XRF system for field analysis of cultural heritage objects. *X-Ray Spectrometry*. 37. 304 - 308. [DOI: <http://dx.doi.org/10.1002/xrs.1076>]
8. Liritzis, I., Zacharias, N. (2011). Portable XRF of Archaeological Artifacts: Current Research, Potentials and Limitations. In: Shackley, M. (eds) *X-Ray Fluorescence Spectrometry (XRF) in Geoarchaeology*. Springer, New York, NY. [DOI: https://doi.org/10.1007/978-1-4419-6886-9_6]