



## Application of Radiocarbon Dating in Conservation of Artwork and Heritage Materials

Guest Editor:

**Dr. Laura Hendriks**

Haute Ecole d'Ingénierie et d'Architecture de Fribourg (HEIA), Department of Chemistry-Institute of Chemical Technology, University of Applied Sciences and Arts Western Switzerland (HESSO), Fribourg, Switzerland

Deadline for manuscript submissions:

**28 February 2025**

### Message from the Guest Editor

This Special Issue aims to showcase an exchange of expertise, where researchers from different fields such as physics, chemistry, and material science work hand in hand with archeologists, art historians, museum experts, and conservators. The aim is to demonstrate the importance of collaborative/interdisciplinary work and to review the progress in radiocarbon dating of cultural heritage objects. Original research papers are welcome and may include, but are not limited to, the following topics:

- Multidisciplinary studies;
- Descriptions of novel methods and procedures for sample preparation, with a focus on conservation product removal or comparisons of cleaning methodologies;
- The implementation of orthogonal complementary analytical techniques for sample quality control prior-AMS analysis;
- The  $^{14}\text{C}$  dating of natural organic binder;
- The  $^{14}\text{C}$  dating of lead white pigment;
- New materials as  $^{14}\text{C}$  candidates;
- Case study reports.

We look forward to receiving your original research articles and reviews.





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### Dr. Francesco Soldovieri

National Research Council of Italy (CNR), Institute for Electromagnetic Sensing of the Environment (IREA), Via Diocleziano 328, 80124 Naples, Italy

### Dr. Nicola Masini

CNR-IBAM, 85050 Baragiano Scalo, Italy

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Heritage Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
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