

GREENART

GR^Een EN^deavour in Art Res^Toration

GREENART proposes new solutions, based on green and sustainable materials and methods, and on the elaboration of advanced tools, to preserve, conserve and restore cultural heritage. The main objective is to produce safe and effective solutions for the remedial and preventive conservation of cultural heritage, based on environmentally friendly and low-impact materials made from renewable natural sources or recycled waste.

The workshop will present to conservators the most promising systems developed within the project, and will provide their assessment on real case scenarios. Moreover, a live showcase of the conservation systems and methods will be given on site at the end of the day.

Organizing Committee:

@MIC: Chiara Delpino, M. Isabella Pierigè, Emanuela Cribber, Francesca Russo

@CSGI: Piero Baglioni, Giovanna Poggi, David Chelazzi, Irene Trapani

Venue

Sala Spadolini, Italian Ministry of Culture (MIC)

Via del Collegio Romano, 27, Roma, Italy

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FINAL WORKSHOP

Sala Spadolini
Italian Ministry of Culture (MIC)
Via del Collegio Romano, 27
Rome, Italy

26 SEPTEMBER
2025



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PROGRAM

26 SEPTEMBER 2025

09:00 – 09:30: Registration

09:30 – 09:45: Welcome from Italian Ministry of Culture

09:45 – 10:00: [Prof Piero Baglioni, CSGI and Coordinator of GREENART project GREENART Project presentation](#)

SESSION 1

10:00 – 11:30 Green cleaning systems

10:00-10:20 [Andrea Casini \(CSGI\)](#)

Sustainable and green cleaning fluids

10:20-10:40 [David Chelazzi \(CSGI and University of Florence\)](#)

Innovative green gels for the cleaning of works of art

10:40-10:50 [Camila Rezende and Isabella Arandas \(UNICAMP\)](#)

Hydrogels based on nanocellulose and biopolymers for the cleaning of cultural heritage surfaces

10:50-11:20 [Bronwyn Ormsby \(TATE\)](#)

Evaluating and assessing novel cleaning systems for the cleaning of works of art

11:20–11:30 Q&A

11:30– 12:00 Free coffee break

SESSION 2

12:00 – 13:00 Green protective coatings

12:00 – 12:15 [Gabriella di Carlo \(CNR – ISMN\)](#)

Bio-based multifunctional coatings for a tailored and long-term protection of metal cultural objects

12:15 – 12:30 [Marino Lavorgna \(CNR – IPCB\)](#)

Tailoring sustainable coatings for metal Cultural Heritage: functionality engineering and performance assessment

12:30 – 12:40 [Costas Galiotis \(FORTH\)](#)

Graphene-based coatings for Cultural Heritage protection

12:40 – 12:50 [Camilla Camargos and Felipe Meneses \(UNICAMP\)](#)

Protective coatings based on nanocellulose and light-colored nanolignin for the conservation of cellulosic heritage materials

12:50 - 13:00 Q&A

13:00 – 14:00 Free lunch break

SESSION 3

13:00 – 14:00 Green consolidants and packaging materials

14:00 – 14:20 [Giovanna Poggi \(CSGI and University of Florence\)](#)

Innovative bio-based materials for the consolidation and reinforcement of works of art.

14:20 – 14:40 [Romain Bordes \(Chalmers University of Technology\)](#)

Sustainable dispersions for consolidation of works of art

14:40 – 15:00 [Manfred Anders \(ZFB\)](#)

Green Improvements of Conventional Archival Packaging

15:00 – 15:20 [Matija Strlič \(University of Ljubljana\)](#)

Impact of VOC emissions from enclosure materials on historic paper: not a significant concern

15:20 - 15:30 Q&A

SESSION 4

15:30 – 16:15 Green technologies for monitoring

15:30- 15:50 [Costas Galiotis \(FORTH\)](#)

Green solutions for environmental monitoring of cultural heritage

15:50- 16:05 [Daniela Iacopino \(Tyndall\)](#)

Green sensors for humidity and temperature

16:05 – 16:15 Q&A

SESSION 5

16:15 – 16:35 Greenart APP

16:15- 16:30 [Fabio Rosada \(Green Decision\)](#)

Presentation of Greenart APP

16:30 – 16:35 Q&A

16:30 – 17:30: [Showcase of new conservation systems and methods \(restricted to in-site participants\)](#)

Organized by:

Ministero dei Beni Culturali (MIC)

Soprintendenza archeologia belle arti e paesaggio per le province di Chieti e Pescara & Center for Colloid and Surface

Science (CSGI)

VENUE

*Sala Spadolini, Italian Ministry of Culture (MIC)
Via del Collegio Romano, 27, Rome, Italy*

