

# GREENART

GREEn ENdeavour in Art ResToration

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 training organized by the European project GREENART and TATE aims to explore the consortium activities, to spread knowledge generated during the development of the project within academic, professional, potential users and industrial domains in addition to upskill key stakeholders and staff on the use of the novel materials/tools/solutions applied to the conservation of cultural heritage.

## The training focuses on two essential sections:

- Lectures and presentations on the theoretical, research and implementation aspects of the novel materials and solutions
- Demonstrations around the application methodologies and the use of some developed technologies and tools

Graphic Design: saraprince.net



"Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Research Executive Agency (REA). Neither the European Union nor the granting authority can be held responsible for them."



# GREENART

GREEn ENdeavour in Art ResToration

## PUBLIC TRAINING ON CLEANING

Tate Britain  
Clore Auditorium

MAY 20  
2025



"Funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Research Executive Agency (REA). Neither the European Union nor the granting authority can be held responsible for them."





## PROGRAM

### 20 MAY 2025

**09:00 – 09:20: Getting together**

**09:20 – 09:30: Welcome, Deborah Potter,**  
Director of Collection Care, TATE

### SESSION 1

**CHAIR: LOUISE LAWSON,**  
Head of Conservation, TATE

**09:30 – 09:50 Piero Baglioni:**

New “green” and sustainable materials for the wet cleaning of works of art

**09:50 – 10:10 Camilla H. M. Camargos:**

Nanocellulose-based hydrogels for cleaning cultural heritage surfaces

**10:10 – 10:30 Athina Georgia Alexopoulou & Penelope Banou:**

Assessing gels for varnish removal on works of art on paper

**10:30 – 10:50 Chiara Biribicchi:**

The Application of GREENART Cleaning Systems for the Removal of Wax-Based Coatings at LACMA

**10:50 – 11:10 Coffee break (provided)**

**11:10 – 11:30 Soraya Alcalá, Silvia Russo and Per Knutås:**

Evaluating new sustainable hydrogels and nanofluids for the removal of multiple varnish layers on an Old Master painting.

**11:30 – 11:50 Morana Novak and Bronwyn Ormsby:**

Scientific research in support of the conservation of Bridget Riley’s paintings Fall and Hesitate.

**11:50 – 12:30 Annette King and Katey Twitchett-Young:**

Surface cleaning Bridget Riley’s Fall using novel GREENART hydrogels.

**12:30 – 13:00 Q&A**

**12:40 – 14:00 Lunch break (not provided)**

### SESSION 2

**DEMONSTRATIONS - CHAIR:**

**BRONWYN ORMSBY,**

(Principal Conservation Scientist, TATE)

**14:00 – 14:20 Piero Baglioni, Giovanna Poggi, Andrea Casini:**

Guidelines for a “greener” selection of solvents

**14:20 – 14:40 Piero Baglioni, Giovanna Poggi, Andrea Casini:**

How to apply GREENART hydrogels in conservation practice

**14:40 – 15:00 Camilla H. M. Camargos:**

How to apply nanocellulose/gelatin hydrogels to remove artificial soil or aged adhesives from smooth or rough mock-up surfaces

**15:00 – 15:15 Q&A**

**15:15 – 15:35 Coffee break**

The following demonstrations will be live-streamed from the painting conservation studio to the auditorium

**15:35 – 15:55 Piero Baglioni, Giovanna Poggi, Andrea Casini:**

GREENART nanofluids for the removal of detrimental layers from artworks.

**15:55 – 16:15 Penelope Banou:**

Varnish removal from historical black and white prints using GREENART organogels

**16:15 – 16:35 Annette King and Katey Twitchett-Young, with Morana Novak:**

GREENART hydrogels for the removal of accumulated soiling from painted surfaces.

**16:35 – 17:00 Q&A**

### PRACTICAL INFORMATION:-

Théâtre Claude Lévi-Strauss (theoretical part of the first day)  
Foyer du théâtre Claude Lévi-Strauss (practical part of the second day)  
Salle de cinéma (for video projections)

ORGANISATION: Éléonore Kissel, musée du quai Branly — Jacques Chirac  
Antonio Mirabile, GREENART project

PROJECT TITLE: GREEn ENdeavour in Art ResToration

ACRONYM: GREENART

STARTING DATE: 1 October 2025

DURATION: 30 September 2025

FUNDED UNDER: Culture, creativity and inclusive society

EU CONTRIBUTION: € 3 826 282,50

Photographic credits: © musée du quai Branly — Jacques Chirac, photo Timescope