



NOVEL PHYSICAL AND CHEMICAL METHODOLOGIES FOR THE CONSERVATION AND RESTORATION OF CULTURAL HERITAGE

III EDITION

ITALIAN SCIENTIFIC EXCELLENCE IN THE MUSEUMS OF THE WORLD

Rome, 25th October, 2023

Aims

The workshop will involve Italian scientific experts working in the most important museum centers in Europe and the United States. It will be an opportunity to present the new chemical and physical methodologies in use in the world's most prestigious museum collections. At the same time, the contributions will serve as a moment of emphasis and reflection on the great Italian school of scientific research on cultural heritage. The workshop will be dedicated to Raymond White and John Mills - who spent their careers at one of the first scientific laboratories established in a fine arts museum- for their seminal contributions in the application and dissemination of new analytical methodologies in the field of museum conservation and preservation.

Language

To enable international dissemination of the conference content, presentations will be given in English, but questions can also be asked in Italian. The final panel discussion will be in Italian.

Organizing Committee

FRANCESCA CASADIO (Chicago), GENNARO MARINO (Naples), ANTONIO SGAMELLOTTI (Perugia)

Programme

9:30 **Opening address**

CORRADO DE CONCINI, *President, Accademia Nazionale delle Scienze detta dei XL*

First Session

Chairman: ANTONIO SGAMELLOTTI

9:45 **Materials for a history of oil painting' (Eastlake, 1847): the history of technical research at the National Gallery from its inception to the present day**

MARIKA SPRING, *National Gallery, London*

10:15 **From brushstrokes to breakthroughs: a brief history of scientific laboratories in art museums**

FRANCESCA CASADIO, *The Art Institute of Chicago*

10:45 **Integration of spectroscopic imaging techniques and analysis of paint samples into the investigation of Old Master paintings**

MARTA MELCHIORRE DI CRESCENZO, *National Gallery, London* (remote participation)

11:05 **Break**



- 11:25 **Balancing research and collection care at the Victoria and Albert Museum**
LUCIA BURGIO, *Victoria & Albert Museum, London*
- 11:45 **The AI Revolution in Heritage Science: Unveiling the Secrets of Vilhelm Hammershøi's Enigmatic Masterpieces**
GIANLUCA PASTORELLI, *Statens Museum for Kunst, Copenhagen* (remote participation)
- 12:05 **The challenge of conserving rubbers in modern and contemporary art collections**
ELEONORA PELLIZZI, *Bibliothèque Nationale de France, Paris* (remote participation)
- 12:25 **Shining new light on Dutch masters: the use of reflectance imaging spectroscopy (RIS) to unveil artists' materials and painting techniques**
FRANCESCA GABRIELI, *Rijksmuseum, Amsterdam*
- 12:45 **End of session**

Second Session

Chairwoman: FRANCESCA CASADIO

- 14:30 **Contributions of Italian academic research to the study of cultural heritage**
ANTONIO SGAMELLOTTI, *Accademia dei Lincei*
BRUNETTO G. BRUNETTI, *Università di Perugia*
- 15:00 **In Search for Ancient Pigments: The Contribution of Scientific Research to the Making of the Exhibition *Chroma, Ancient Sculpture in Color*.**
FEDERICO CARO', *Metropolitan Museum of Art, New York* (remote participation)
- 15:20 **Characterizing unusual painting materials on Bwa masks from Burkina Faso: a synergy of scientific and artistic knowledge**
CLARA GRANZOTTO, *The Art Institute of Chicago* (remote participation)
- 15:40 **Look but don't touch: non-invasive analytical strategies for archaeological glass**
MONICA GANIO, *The Getty Conservation Institute, Los Angeles*
- 16:00 **Building a bridge across the Atlantic Ocean: An international, collaborative technical study of 15th-century Italian *tarocchi* cards**
FEDERICA POZZI, *Centro Conservazione e Restauro la Venaria Reale, Torino*
- 16:20 Break
- 16:40 Panel discussion: **Systematizing Cooperation** (*in Italian*)
Chaired by MARCO LEONA, *Metropolitan Museum of Art, New York*
- 17:15 **Closing remarks**
GENNARO MARINO, *Accademia Nazionale delle Scienze detta dei XL*
- 17:30 **End of meeting**