

PRELIMINARY PROGRAMME

DAY I – JAAP CONFERENCE | APRIL 3

NETHERLANDS
INSTITUTE FOR
**CONSERVATION +
ART +
SCIENCE +**

9.00 Registration
9.45 Welcome

SESSION 1

Molecular Insights: The Impact of Molecular Changes on the Perception and Interpretation of Paintings.

10.00 K1 **Keynote – Title to follow**
Barbara Berrie (National Gallery of Art Washington)

10.30 01 **A unique case study of water-induced chemical deterioration in two paintings by Jan de Bray (1663)**
Jorien Duivenvoorden (University of Amsterdam)

10.55 *Coffee break*

11.25 02 **Linking lead white reactivity with its microstructural features: a spectroscopic and micro chemical imaging approach**
Victor Gonzalez (CNRS-PPSM)

11.50 03 **To be announced**

12.15 Poster pitches

12.40 *Lunch*

SESSION 2

Beyond the Lens: Cutting-Edge Microscopic Imaging Techniques and Advanced Sample Preparation

13.40 K2 **Keynote – Title to follow**
Ron Heeren (Maastricht University)

14.10 04 **Correlated X-ray Fluorescence and Ptychographic Nano-Tomography Visualizes Rembrandt's Paints from The Night Watch in Three Dimensions**
Frédérique Broers (Rijksmuseum)

14.35 05 **Exploring the Microstructure of Mixed Egg-Oil Paints Using Advanced Complementary Chemical Nano-Imaging Techniques**
Laurence de Viguerie (Sorbonne Université, CNRS UMR 8220, LAMS)

15.00 06 **Addressing the challenges of visualising organic binding media networks in porous painting layers.**
Ester S.B. Ferreira (TH Köln)

15.25 *Coffee break*

SESSION 3

Unravelling the Spectrum: Innovations and Challenges in Mass Spectrometry of Paint Materials

16.00 K3 **Keynote – Title to follow**
Ilaria Bonaduce (University of Pisa)

16.30 07 **Structural Insights into Ancient Proteins: Cross-Linking Mass Spectrometry of Historic Artworks over 200 years**
Francesca Galluzzi (University of Bordeaux, Bordeaux Proteome Platform)

16.55 08 **Elucidation of modern and historic painting structure and composition using MALDI mass spectrometry imaging and machine learning.**
Vaclav Krupicka (University of Bordeaux, Bordeaux Proteome Platform)

17.20 09 **Molecular markers for heat pretreatment of drying oils: dicarboxylic acids reconsidered**
Ken Sutherland (Art Institute of Chicago)

17.55 Closing day I

Conference Dinner (location to be announced)

Please note this preliminary programme is subject to change.

9.00 Doors open

SESSION 4

Analogous Twins: The Use of Reconstructions in the
Study of Paint Alterations

9.30		Welcome
9.40	K4	Keynote – Title to follow Leslie Carlyle
10.10	10	Lead Oil Sizing on Rembrandt's The Night Watch? Potential Composition, Functions and Implications. Hannah Krumm (Cologne Institute of Conservation Sciences (CICS), TH Köln, Rijksmuseum)
10.35	11	To be announced
11.00		<i>Coffee break</i>
11.30	12	To Blue or Not Too Blue? Examining the Diverse Roles of Painter's Smalts in Complex Paint Mixtures. Paul van Laar (Fitzwilliam Museum/Hamilton Kerr Institute, NOVA Universidade de Lisboa)
11.55	13	From laboratory findings to predicting long-term chemical change in an oil paint. Sander van Lith (University of Amsterdam)
12.20		Poster Pitches
13.00		Lunch

SESSION 5

*Shifting Perspectives: The Ageing of Paintings and how it has
Informed Painting Conservation Practice and Decision-making*

14.15	K5	Keynote – Title to follow Aviva Burnstock (Courtauld Institute)
14.45	14	To be announced
15.10	15	Untangling bulk ¹⁴C dates of organic lake pigmented paint samples through Compound Specific Radiocarbon Analysis Lionel Rumpf (HEIA-FR, University Bern)
15.35		<i>Coffee break</i>
16.10	16	To be announced
16.35	17	Characterisation of the Tin Relief Decorations on the Van Eyck's Ghent Altarpiece as Part of the Third Phase Of Restoration: A Study By MA-XRF, SEM-EDX, SR-XRD, and OPTIR. Sophie Kirkpatrick (KIKIRPA, University of Antwerp)
17.00		Closing remarks Katrien Keune and Klaas Jan van den Berg

Farewell drinks (location to be announced)