

PROGRAMME

DAY I – JAAP CONFERENCE | APRIL 3

SESSION 1

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

Moderator: Francesca Casadio (The Art Institute of Chicago)

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- 9.00 Registration (coffee and tea will be served)
- 9.45 **Welcome**
Janneke van der Wijk (Director Public - Rijksmuseum)
Edwin Buijsen (RCE - Dutch Cultural Heritage Agency)
Katrien Keune (Rijksmuseum, University of Amsterdam), Klaas Jan van den Berg (University of Amsterdam)
- 10.00 K1 **Keynote - Masterpieces and Molecules: Looking at the Bigger Picture.**
Barbara Berrie (National Gallery of Art Washington)
- 10.30 O1 **A Unique Case Study of Water-induced Chemical Deterioration in Two Paintings by Jan de Bray (1663).**
Jorien Duivenvoorden (University of Amsterdam)
- 10.50 PPI Poster pitches - session 1
- 11.00 Coffee break
- 11.40 O2 **Linking Lead White Reactivity with its Microstructural Features: A Spectroscopic and Micro-Chemical Imaging Approach.**
Victor Gonzalez (CNRS-PPSM)
- 12.00 O3 **Simulating the Original Colour of Paintings Featuring Degraded Smalt.**
Ina Reiche (Lab-BC UAR 3506 CNRS)
- 12.20 PP2 Poster pitches - session 2
- 12.35 Lunch

SESSION 2

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

Moderator: Marine Cotte (ESFRI)

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- 14.00 K2 **Keynote - Of Molecules and Microscopes: Mass Spectrometry Based Imaging Innovations in Conservation Science.**
Ron Heeren (Maastricht University)
- 14.30 O4 **Correlated X-ray Fluorescence and Ptychographic Nano-Tomography Visualizes Rembrandt's Paints from The Night Watch in Three Dimensions.**
Frédérique Broers (Rijksmuseum)
- 14.50 O5 **Exploring the Microstructure of Mixed Egg-Oil Paints Using Advanced Complementary Chemical Nano-Imaging Techniques.**
Laurence de Viguierie (Sorbonne Université, CNRS UMR 8220, LAMS)
- 15.10 O6 **Addressing the Challenges of Visualising Organic Binding Media Networks in Porous Painting Layers.**
Ester S.B. Ferreira (TH Köln)
- 15.30 Coffee break

SESSION 3

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

Moderator: Julie Arslanoglu (Metropolitan Museum)

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- 16.00 K3 **Keynote - Decoding the Evolution of Oil Paint Layers: Longitudinal Volatile Analysis by Mass Spectrometry.**
Ilaria Bonaduce (University of Pisa)
- 16.30 O7 **Structural Insights into Ancient Proteins: Cross-Linking Mass Spectrometry of Historic Artworks over 200 years.**
Francesca Galluzzi (University of Bordeaux, Bordeaux Proteome Platform)
- 16.50 O8 **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)
- 17.10 Closing day I
- 17.30 Group photo outside the Rijksmuseum
- 18.30 Conference Dinner at Kop van Oost, Zeeburgerpad I Amsterdam (requires a separate dinner ticket purchased during registration).

PROGRAMME

DAY 2 – JAAP CONFERENCE | APRIL 4

SESSION 4

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

Moderator: Annelies van Loon (Rijksmuseum)

9.30		Doors open
10.00		Welcome Katrien Keune (Rijksmuseum, University of Amsterdam)
10.05	O9	Remembrance of Jaap Boon Albert Polman (AMOLF) Petria Noble (Rijksmuseum) Frank van Hemert (artist) Donna Mehos (partner of Jaap Boon)
10.25	O10	Molecular Markers for Heat Pretreatment of Drying Oils: Dicarboxylic Acids Reconsidered. Ken Sutherland (Art Institute of Chicago)
10.45	O11	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)
11.05	PP3	Poster pitches
11.15		<i>Coffee break</i>
11.55	O12	Metal Soaps Formation in Alkyd-based Media: a Comparison with Drying Oil. Tommaso Poli (University of Turin)
12.15	O13	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)
12.35	O14	From Laboratory Findings to Predicting Long-term Chemical Change in an Oil Paint. Sander van Lith (University of Amsterdam)
12.55	PP4	Poster pitches
13.10		<i>Lunch</i>

SESSION 5

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

Moderator: Ida Bronken (Nasjonalmuseum Oslo)

14.30	K4	Keynote - How Do Molecular Level Material Studies Inform Painting Conservation Practice and Decision-Making? Jaap's Legacy and Going Forward. Aviva Burnstock (Courtauld Institute)
15.00	O15	Blinky Palermo's Stoffbilder: Light and Colour Maria Kokkori (Northwestern University Chicago)
15.20	O16	Untangling bulk ¹⁴C Dates of Organic Lake Pigmented Paint Samples through Compound Specific Radiocarbon Analysis. Lionel Rumpf (HEIA-FR, University Bern)
15.40		<i>Coffee break</i>
16.15	O17	Conservators, are we Affecting a Protective Barrier When Removing Surface Dirt from an Unvarnished Oil Painting? Case study Research on a Water Sensitive Painting by Karel Appel. Lise Steyn (Lise Steyn Paintings Conservator)
16.35	O18	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)
16.55		Closing Remarks Klaas Jan van den Berg (University of Amsterdam)
17.15		Farewell drinks at Cobra Café, Hobbemastraat 18 Amsterdam