



DHA 40

Dyes in History & Archaeology

British Museum, London

15-19 November 2021

Programme

## Final Programme

Summary \*Please note that all times below are GMT\*

	<b>Monday 15<sup>th</sup> November  Day 1</b>	<b>Tuesday 16<sup>th</sup> November  Day 2</b>	<b>Wednesday 17<sup>th</sup> November  Day 3</b>	<b>Thursday 18<sup>th</sup> November  Day 4</b>	<b>Friday 19<sup>th</sup> November  Day 5</b>
15:00 – 15:15	Welcome	Welcome	Welcome	Welcome	Welcome
15:15 – 16:45	Session 1 – Oral presentations  Q&A	Session 3 – Oral presentations  Q&A	Session 5 – Oral presentations  Q&A	Session 7 – Oral presentations  Q&A	Session 9 – Oral presentations  Q&A
16:45 – 17:00	Break	Break	Break	Break	Break
17:00 – 17:20	Session 2 – Quick-fire	Session 4 – Quick-fire	Session 6 – Quick-fire	Session 8 – Quick-fire	Session 10 – Quick-fire
17:20 – 17:30	Break	Break	Break	Break	Break
17:30 – 18:30	Events	Events	Events	Events	Events

**Monday 15th November - Day 1 \*Please note that all times below are GMT\***

15:00 – 15:05 Welcome

15:05– 15:15 *Invited talk: DHA - past, present, future*

Penelope Walton Rogers

**Session 1 - Oral Presentations**

**Chair: Joanne Dyer**

15:15 – 15:35 *The psychedelic world of textile dyes in Spitalfields – the V&A Leman silk.*

Lucia Burgio, Clare Browne & Maarten van Bommel

15:40 – 16:00 *Indigo in 18th century tapestries – Dyeing, use and degradation.*

Hortense de La Codre, Laurent Servant, Remy Chapoulie & Aurelie Mounier

16:05 – 16:25 *Dyehouse notes from the Crutchley Archive: 'grain' dyeing practices with alum and tin 'spirits' for red woollen cloth, 1716 to 1728.*

Anita Quye, Dominique Cardon & Jenny Balfour Paul

16:25 – 16:45 Q&A

16:45 – 17:00 Break

**Session 2 - Quick-fire Presentations**

**Chair: David Peggie**

17:00 – 17:05 *The treasure chest of colours: dyes of the eighteenth-century West African textiles from the Thomas Clarkson's chest.*

Margarita Gleba, Malika Kraamer & Ina Vanden Berghe

17:05 – 17:10 *An optimised small-scale sample preparation workflow for natural dye analysis applied to Scottish and English Renaissance embroidery using UHPLC-PDA.*

Edith Sandström, Lore Troalen, Helen Wyld, Logan Mackay & Alison Hulme

17:10 – 17:15 *Development of a new mild extraction method for the analysis of natural dyes in Cultural Heritage textiles by LC-DAD-MS.*

Silvana Vasilca, Irina Petroviciu, Daniel Negut, Marian Virgolici, Florin Albu, Andrei Medvedovici

17:15 – 17:20 *A new on-gel sampling system for identification of lake-pigments in polychromies.*

Adele Bosi, Alessandro Ciccola, Ilaria Serafini, Valentina Nigro, Paolo Postorino, Gabriele Favero & Roberta Curini

17:20 – 17:30 Break

17:30 – 18:00 *Panel discussion - 40 years of DHA*

David Peggie (Chair) with Vincent Daniels, Ilaria Degano, Jennifer Poulin and André Verhecken.

18:00 - 18:30 Opening Reception (Breakout Rooms)

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**Tuesday 16th November - Day 2 \*Please note that all times below are GMT\***

15:00 – 15:15 Welcome

**Session 3 - Oral Presentations**

**Chair: Jo Kirby**

15:15 – 15:35 *Calico-printing in Mulhouse from 1750 to 1914: unpublished dyers' books.*

Marie-Anne Sarda

15:40 – 16:00 *Vordan Karmir: An attempt to unravel the mystery of Armenian cochineal recipes for paints and inks used in manuscripts.*

Hermine Grigoryan, Armen Sahakyan & Maria João Melo

16:05 – 16:25 *Unravelling the origins, technical history and sciences behind the colouring of textiles, Conste des verfers, a Flemish dyeing manuscript from Leuven, 1619-1623.*

Natalia Ortega Saez, Sophie Kirkpatrick & André Verhecken

16:25 – 16:45 Q&A

16:45 – 17:00 Break

**Session 4 - Quick-fire Presentations**

**Chair: Irina Petroviciu**

17:00 – 17:05 *Traditional dyeing technologies in Latvia and Estonia*

Anete Karlson & Liis Luhamaa

17:05 – 17:10 *Uncovering the secret recipe of Ajuda Songbook's pink*

Márcia Vieira, Paula Nabais, Graça Videira Lopes & Maria João Melo

17:10 – 17:15 *Baltic Sea blue - experiments with woad and lichens.*

Krista Vajanto, Riina Rammo, Mervi Pasanen & Jenni Sahramaa

17:15 – 17:20 *Bark of alder species as a source of natural dyes.*

Valda Valkovska & Liana Orola

17:20 – 17:30 Break

17:30 - 18:30 Breakout Rooms

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**Wednesday 17th November - Day 3 \*Please note that all times below are GMT\***

15:00 – 15:15 Welcome

**Session 5 - Oral Presentations**

**Chair: Maarten van Bommel**

15:15 – 15:35 *Investigation of Shellfish Purple in 20th-century Traditional Enredo from Oaxaca, Mexico by Means of Hyperspectral Imaging and MA-XRF.*

Marc Vermeulen, Alicia McGeachy, Marc Walton & Rebecca Meyers

15:40 – 16:00 *Maya Blue: Painting from the Past in the Present.*

Laura Osorio Sunnucks, Joanne Dyer, Lorena Ancona, Luis May & Alice Samson

16:05 – 16:25 *Evidence of the use of a dye chemically related to commelinin in Mesoamerican codices.*

David Buti, Chiara Grazia, Fabien Pottier, Anne Michelin, Christine Andraud, Virginia M. Lladó-Buisán, Davide Domenici, Aldo Romani, Antonio Sgamellotti & Costanza Miliani

16:25 – 16:45 Q&A

16:45 – 17:00 Break

**Session 6 - Quick-fire Presentations**

**Chair: Maria João Melo**

17:00 – 17:05 *An insight into cultural and technical choices behind dyes and pigments found in the 17th century polychromed wooden ceiling of Santa Rosa de Lima (Nueva Vizcaya, Mexico).*

Karla Muñoz-Alcocer, Laura Fuster-López & Ma. Luisa Vázquez de Ágredos Pascual

17:05 – 17:10 *Colour names on lead tags from a Roman cesspit in Carnuntum, Austria.*

Regina Hofmann-de Keijzer, Beatrix Petznek, Ivan Radman-Livaja, Ines Bogensperger & Andreas G. Heiss

17:10 – 17:15 *Textile wrappings of Egyptian votive animal mummies: A multi-scalar investigation of the colouring materials.*

Monica Gulmini, Diego Tamburini, Joanne Dyer, Marie Vandenbeusch, Matilde Borla, Debora Angelici, Maurizio Aceto, Cinzia Oliva, Federica Facchetti, Sara Aicardi & Patrizia Davit

17:15 – 17:30 Break

17:30 – 18:30 Breakout Rooms

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**Thursday 18th November - Day 4 \*Please note that all times below are GMT\***

15:00 – 15:15 Welcome

**Session 7 - Oral Presentations**

**Chair: Diego Tamburini**

15:15 – 15:35 *The Color Purple in the Andes.*

Elena Phipps

15:40 – 16:00 *Dyes on archaeological and historical contexts from the Atacama Desert (South America): A synthesis overview along time.*

Marcela Sepúlveda

16:05 – 16:25 *Ingenious Crafts: Tricks, Tips and Techniques for Dyeing Wool in ancient Mesopotamia (c. 2000-500 BCE).*

Shiyanthi Thavapalan

16:25 – 16:45 Q&A

16:45 – 17:00 Break

**Session 8 - Quick-fire Presentations**

**Chair: Jennifer Poulin**

17:00 – 17:05 *Widening the South American dyes database: flavonoid and lichen dyes from Antúnez de Mayolo reference collection and case studies from the Bryn Mawr College collection (Pennsylvania, US).*

Ilaria Degano, Francesca Sabatini, Sara Bonifazi, Ruth Ann Armitage & Jocelyn Alcantara-Garcia

17:05 – 17:10 *Early Iron Age textile dyes from an inhumation burial from North Brabant.*

Art Ness Proaño Gaibor, Sasja van der Vaart-Verschoof, Karina Grömer & Ineke Joosten

17:10 – 17:15 *Using GC-C-IRMS to investigate biological sources of organic colourants in art through compound-specific carbon and nitrogen stable isotope analysis.*

Eugenia Geddes da Filicaia, David Peggie & Richard Evershed

17:15 – 17:20 *Advances in analytical methodologies through the application of Dispersive Liquid-Liquid MicroExtraction to characterize dyes in ancient textiles.*

Ilaria Serafini, Flaminia Vincenti, Kathryn Raeburn McClure, Alessandro Ciccola, Camilla Montesano, Manuel Sergi, Gabriele Favero & Roberta Curini

17:20 – 17:30 Break

17:30 - 18:00 *Introduction to and virtual tour of the exhibition, "Peru: a journey in time" @British Museum.*

Cecilia Pardo Grau

18:00 - 18:30 *Panel discussion on the textiles in the exhibition.*

Joanne Dyer (Chair), with Cecilia Pardo Grau, Nilda Callañaupa & Elena Phipps.

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**Friday 19th November - Day 5 \*Please note that all times below are GMT\***

15:00 – 15:15 Welcome

**Session 9 - Oral Presentations**

**Chair: Yiannis Karapanagiotis**

15:15 – 15:35 *Bright orange and scarlet red – disclosing the composition and degradation mechanisms of “combined lake” formulations.*

Francesca Sabatini, Eva Eis, Francesca Magini, Ilaria Degano & Thomas Rickert

15:40 – 16:00 *Discovering the new colours of the XX century: a combined Raman and HPLC-HRMS study of ACNA dyes.*

Alessandro Ciccola, Ilaria Serafini, Flaminia Vincenti, Kathryn Raeburn McClure, Camilla Montesano, Manuel Sergi, Gabriele Favero, Paolo Postorino & Roberta Curini

16:05 – 16:25 *Bordering on Asian paintings: Dye analysis of textile borders and mountings to complement research on Asian pictorial art.*

Diego Tamburini, Joanne Dyer, Monique Pullan, Teresa Heady, Alice Derham, Meejung Kim-Marande, Yu-Ping Luk & Imma Ramos

16:25 – 16:45 Q&A

16:45 – 17:00 Break

**Session 10 - Quick-fire Presentations**

**Chair: Marei Hacke**

17:00 – 17:05 *Characterization of Congo Red derivatives on historical pH paper and textile and their significance in dye history and conservation.*

Victor J. Chen, Robin Hanson, Robert E. Minto, Nicolas Manicke & Gregory D. Smith

17:05 – 17:10 *Scientific investigation into the transition from Madder to Alizarin dyes in French uniforms (pantalon garance).*

Mohamed Dallel & Marie-Anne Sarda

17:10 – 17:15 *Investigation on dyeing technology of Qing dynasty longevity lamp streamers preserved in the Palace Museum.*

Yun Zhang

17:15 – 17:20 *Dyes in traditional Saxon and Romanian costumes.*

Irina Petroviciu, Iulia Teodorescu, Silvana Vasilca, Laura Troşan & Florin Albu

17:20 – 17:30 Break

17:30 – 18:00 *Invited talk: Trends in Dyes in History and Archaeology.*

Maarten van Bommel

18:00 - 18:30 Closing Reception (Breakout Rooms)

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