

MANUSCRIPTS in the MAKING: Art and Science

International Conference organised by the Fitzwilliam Museum
in association with the Departments of Chemistry and History of Art
University of Cambridge

with support from the Samuel H. Kress Foundation
and the Association for Manuscripts and Archives in Research Collections

8–10 DECEMBER 2016

VENUE: Department of Chemistry, Lensfield Rd, Cambridge CB2 1EW ([map](#))

8 December 2016

- 9.00-9.45 REGISTRATION
- 9.45-10.00 Prof. Stephen Elliott, Department of Chemistry, University of Cambridge
Welcome
- 10.00-10.15 Dr Stella Panayotova, The Fitzwilliam Museum, University of Cambridge
Introduction
- 10.15-10.45 COFFEE
- 10.45-1.00 SESSION 1, Bristol Myers Squibb Lecture Theatre**
- 10.45-11.15 Dr Heather Pulliam, Edinburgh University
What do the Multiple Hands and Colours of the Corbie Psalter, Book of Kells and Trier Gospels Tell us about Early Medieval Attitudes towards a 'Finished Product'?
- 11.15-11.50 Susie Bioletti and Dr Rachel Moss, Trinity College, Dublin
The Art and the Pigments: a Study of Four Insular Gospel Books in the Library of Trinity College Dublin
- 11.50-12.25 Prof. Andrew Beeby and Prof. Richard Gameson, Durham University, and Dr Catherine Nicholson, Northumbria University
From Cairo to Canterbury: Pigments of English Illuminators from the Tenth to the Twelfth Century
- 12.25-1.00 Dr Lucia Pereira Pardo, The Fitzwilliam Museum, University of Cambridge
The Materials and Techniques of English Manuscripts of the Thirteenth and Fourteenth Centuries

- 1.00-2.00 LUNCH
- 2.00-3.45** **SESSION 2, Bristol Myers Squibb Lecture Theatre**
 2.00-2.35 Dr Lieve Watteuw, Catholic University of Leuven
The Shape of Colour: Exploring the Surface of Paint Layers in Illuminated Manuscripts from the Low Countries
- 2.35-3.10 Dr Paola Ricciardi, The Fitzwilliam Museum, University of Cambridge
New Discoveries on the Fitzwilliam Book of Hours
- 3.10-3.45 Dr Giulia Bertolotti and Dr Paola Ricciardi, The Fitzwilliam Museum, University of Cambridge
Simon Bening's Palette and Painting Techniques in the Hours of Albrecht of Brandenburg
- 3.45-4.15 TEA
- 4.15-6.00** **SESSION 3, Bristol Myers Squibb Lecture Theatre**
 4.15-4.50 Marcus Fraser, independent scholar
Origins and Modifications in the Blue Qur'an and other early Islamic manuscripts
- 4.50-5.25 Prof. Robert Hillenbrand, Edinburgh University
The many uses of colour in the Great Mongol Shahnama
- 5.25-6.00 Sonya Quintanilla, Cleveland Museum of Art
Drama in Repetition: Narrative Strategies in Serial Paintings from Sultanate and Early Mughal Manuscripts of India
- 6.30-8.00 RECEPTION and PRIVATE VIEW of the COLOUR exhibition, Fitzwilliam Museum

9 December 2016

- 9.00-10.10** **SESSION 4, Bristol Myers Squibb Lecture Theatre**
9.00-9.35 Dr Doris Oltrogge and Dr Robert Fuchs, Cologne Institute for Conservation Sciences
The Vadiana Rudolf von Ems: Collaboration and Painting Technique in a Fourteenth-century Upper Rhenish Illuminators' Workshop
- 9.35-10.10 Dr John K. Delaney, Dr Kathryn Dooley, Dr Damon Conover, Dr Lisha Glinsman, Dr Giorgio Trumpy and Michelle Facini, National Gallery of Art, Washington DC
Use of Multi-Modal Chemical Imaging Spectroscopy to Study Illuminated Manuscripts on the Macroscale
- 9.00-10.10** **SESSION 5, Pfizer Lecture Theatre**
9.00-9.35 Dr Elizabeth Morrison, J. Paul Getty Museum
Seeing a Pink Elephant: Creating Meaning through Colour in the Medieval Bestiary
- 9.35-10.10 Dr Deirdre Jackson, The Fitzwilliam Museum, University of Cambridge
The Colours of Fortune
- 10.10-10.40 COFFEE
- 10.40-11.50** **SESSION 6, Bristol Myers Squibb Lecture Theatre**
10.40-11.15 Prof. Maria João Melo and Prof. Maria Adelaide Miranda, New University of Lisbon
Between Tradition and Innovation: Lorrão Apocalypse in the Portuguese Monastic Scriptoria
- 11.15-11.50 Dr Catarina Pereira-Miguel, Évora University
Scientific Study of Cistercian Illuminated Manuscripts – Techniques, Aesthetics and Religion
- 10.40-11.50** **SESSION 7, Pfizer Lecture Theatre**
10.40-11.15 Dr Nicholas Herman, University of Montreal
Colour versus Gold: Disgruntled Digressions in a Late Medieval Workshop
- 11.15-11.50 Roger Wieck, Morgan Library & Museum
Tours 1500
- 11.50-1.00** **SESSION 8, Bristol Myers Squibb Lecture Theatre**
11.50-12.25 Nancy Turner, J. Paul Getty Museum and Dr Catherine Patterson, Getty Conservation Institute
Materials of Byzantine Illumination: 'Centre' and 'Periphery'

- 12.25-1.00 Dr Costanza Miliani, Dr David Buti, Prof. Antonio Sgamellotti and Prof. Brunetto Giovanni Brunetti, CNR-ISTM & SMAArt Perugia, and Dr Davide Domenici, University of Bologna
Colourful Memories: Non-invasive Investigations of Mesoamerican Pre-Columbian and Early-colonial Codices
- 1.00-2.00 LUNCH
- 2.00-3.45** **SESSION 9, Bristol Myers Squibb Lecture Theatre**
2.00-2.35 Bryan Keene, J. Paul Getty Museum
Dyers, Weavers, and Illuminators: Evidence from the Florentine Ordinamenti e Matricola della Compagnia di Sant'Onofrio (1338)
- 2.35-3.10 Magnolia Scudieri, Museum of San Marco and Dr Marcello Picollo, CNR-IFAC Florence
Fra Angelico and His Circle: the Materials and Techniques of Book Illumination
- 3.10-3.45 Eowyn Kerr-Di Carlo, Courtauld Institute of Art, University of London
Making the Cardinal's Missal: Looking anew at the Circle of Lorenzo Monaco and the Illuminators of Fitzwilliam MS 30
- 2.00-3.45** **SESSION 10, Pfizer Lecture Theatre**
2.00-2.35 Dr Maurizio Aceto, Università degli Studi del Piemonte Orientale and Cheryl Porter, Director of the Montefiascone Project and Consultant to the Conservation Department at the Library of Alexandria in Egypt
Looking for Lichen, Fooled by Folium and Tricked by Tyrian: a Brief Tour and New Research on Purple in Manuscripts
- 2.35-3.10 Dr Lea Olsan, University of Louisiana at Monroe
Pigmenta: Materials for Painting and Healing
- 3.10-3.45 Dr Mark Clarke, New University of Lisbon
Recipes and Reception: Mediaeval English Amateur Illuminators
- 3.45-4.15 TEA
- 4.15-6.00** **SESSION 11, Bristol Myers Squibb Lecture Theatre**
4.15-4.50 Nancy Turner, J. Paul Getty Museum
Reflecting a Heavenly Light: Gold and other Metals in Medieval and Renaissance Manuscript Illumination
- 4.50-5.25 Cheryl Porter, Director of the Montefiascone Project and Consultant to the Conservation Department at the Library of Alexandria in Egypt
Metals in Cambridge Manuscripts
- 5.25-6.00 Prof. Dr Robert Fuchs, Cologne Institute for Conservation Sciences
Gold or Brass, Silver or Tin: Non-destructive Analysis of Metals in Precious Medieval Book Illumination

10 December 2016

- 9.00-10.45** **SESSION 12, Bristol Myers Squibb Lecture Theatre**
9.00-9.35 Dr Cecilia Panti, University of Rome Tor Vergata and Dr Greti Dinkova-Bruun, Pontifical Institute of Mediaeval Studies, Toronto
Robert Grosseteste's Treatise De iride: Transmission, Reception, Meaning
- 9.35-10.10 Dr Donal Cooper, Department of History of Art, University of Cambridge
Vision and colour in the works of Giotto and his contemporaries
- 10.10-10.45 Prof. Simon Gilson, School of Modern Languages and Cultures, University of Warwick
Optics in Dante and in Italian vernacular culture, 1300-1600
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- 9.00-10.45** **SESSION 13, Pfizer Lecture Theatre**
9.00-9.20 Dr Haida Liang and Dr Chi Shing Cheung, Nottingham Trent University, and Dr Paola Ricciardi, The Fitzwilliam Museum
A study of illuminated manuscripts using optical coherence tomography (OCT) and other complementary non-invasive techniques
- 9.20-9.40 Dr Luca Nodari, CNR-IENI Padova
FT-IR spectroscopy as a non-invasive tool to investigate pigments and binders in illuminated manuscripts
- 9.40-10.00 Stijn Legrand, Frederik Vanmeert, Dr. Geert Van der Snickt and Prof. Dr Koen Janssens, University of Antwerp
MA-XRF scanning of illuminated manuscript fragments
- 10.00-10.30 Dr Carola-Bibiane-Schönlieb, DAMT, University of Cambridge
Mathematical approaches for virtual art restoration
- 10.30-10.45 Discussion
- 10.45-11.15 COFFEE
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- 11.15-1.00** **SESSION 14, Bristol Myers Squibb Lecture Theatre**
11.15-11.50 Dr Mike Huxtable, Durham University
[I]nitium habuit ab aliquo milite histrione vel gaudente...: Grosseteste's De colore and the Colouring of Chivalry in BL Add. MS. 28791
- 11.50-12.25 Prof. Lucy Freeman Sandler, New York University

Seeing Red: The Use of 'Gules' in the Pictorial Imagery of Fourteenth-Century English Manuscripts

- 12.25-1.00 Dr Holly James-Maddocks, University of Birmingham
John Bray, Limner-Binder, and Three Sequences of Manuscripts Illuminated in Oxford (1450-1484)
- 11.15-1.00 POSTERS
- 1.00-2.00 LUNCH
- 2.00-3:30 SESSION 15, Bristol Myers Squibb Lecture Theatre**
- 2.00-2.35 Dr Lucia Burgio, Victoria & Albert Museum
Manuscripts at the Victoria & Albert Museum
- 2.35-3.10 Dr Christina Currie, Dr Steven Saverwyns and Dr Dominique Vanwijnsberghe, Royal Institute for Cultural Heritage (IRPA-KIK), Brussels
The Spanish Forger Exposed: an Interdisciplinary Study of Two Paintings
- 3.10-3.30 Dr Stella Panayotova, The Fitzwilliam Museum, University of Cambridge
Was the Psalter-Hours of Isabelle of France Restored in the Nineteenth Century?
- 3.30-4.00 TEA