

# Colour Change in Paintings

*Edited by*  
*Rhiannon Clarricoates, Helen Dowding*  
*and Alexandra Gent*



in association with  
the Icon Paintings Group



# Contents

<i>Foreword</i>	vii
<i>Acknowledgements</i>	ix
Fading, darkening, browning, blanching: a review of our current understanding of colour change and its consequences in Old Master paintings <i>Marika Spring</i>	1
Colour change and restoration <i>Larry Keith</i>	15
Colour changes due to the fading of Prussian blue in Danish Golden Age paintings <i>Troels Filtenborg, David Buti, Anna Vila and Jørgen Wadum</i>	27
'Paintings fade like flowers': colour change in paintings by Vincent van Gogh <i>Ella Hendriks</i>	39
Colour change and modern paints: an overview <i>Bronwyn Ormsby and Judith Lee</i>	52
Non-invasive colour restoration of Mark Rothko's Harvard murals using light from a digital projector <i>Jens Stenger, Narayan Khandekar, Ramesh Raskar, Santiago Cuellar, Ankit Mohan, Rudolf Gschwind, Mary Schneider Enriquez, Carol Mancusi-Ungaro and Christina Rosenberger</i>	73
Microfading: a useful tool for paintings conservators? <i>Joyce H. Townsend</i>	77
An introduction to the measurement and comparison of light sources used within cultural heritage <i>Joseph Padfield</i>	90
<b>Poster contributions</b>	
Lost purples: detection, composition and reconstruction. Rediscovering the appearance and contemporary resonance of purple paint in Tudor and Stuart portraits <i>Caroline Rae and Libby Sheldon</i>	103

Choosing colour: the reconstruction of green textiles in <i>The National Synod</i> by Pouwel Weyts <i>Johanneke Verhave and Lidwien Speleers</i>	110
Vivid colours in the Golden Room: an educated but tentative reconstruction of an ensemble by Pellegrini in the Mauritshuis <i>Carol Pottasch, Sabrina Meloni, Ivo Hoekstra, Margriet van Eikema Hommes and Ralph Haswell</i>	118
Investigating surface phenomena in paints and paintings by Edvard Munch (1863–1944) in the context of the artist's painting materials <i>Jin Strand Ferrer, Alyssa Hull and Terje Syversen</i>	126