COLOURS 2008
Bridging Science with Art

CONFERENCE PROGRAM
Thursday 10\textsuperscript{th} July

8.30 - Registration

9.30 - Opening Session

\textit{Session 1}

10.00 - Invited talk – M. Zerbinatti

Physical polychromy, architectural and environmental colour.

10.40 – C. Dejoie

Synthesis and characterization of Maya Blue analogous hybrid pigments.

\textbf{11.00 – Coffee break}

\textit{Session 2}

11.30 – A. Bidarra

New formulations for white mineral pigments in restoration.

11.50 – G. Cavallo

Alteration of azurite into paratacamite on wall paintings: a case study.

12.10 – J. M. Rincó

Colours from the glazed tiles inserted in the plaster 	extit{mudejar} façade of Pedro I, Sevilla Royal Palaces.

\textbf{12.30 – Lunch}

\textit{Session 3}

14.00 - Invited talk – E. Nery

Síntese da comunicação sobre cor

14.40 – R. Bordalo

Caracterização analítica de pigmentos irradiados por radiação laser de excímetro
15.00 – S. Edrah

Synthesis and characterization of new O-MERCAPTO AZO complex dyes

15.20 – A. Le Gac

Gold and blue: the characteristic dichromy of the main altarpiece of the Sé Velha of Coimbra.

15.40 – Coffee break

16.00 – M. Gil, A. Seruya, J. Aguiar, M. Ribeiro
Multimedia presentation - Les couleurs de L’Alentejo, un voyage entre la science et la tradition

17.30 – Poster session
Friday, 11th July

Session 4

9.00 – Invited talk – F. Ferreira


9.40 – A. Manhita

Mordant analysis in an historical Portuguese tapestry from the 18th century.

10.00 – F. Henriques

Photogrametric methods applied to easel paintings.

10.20 – L. Bravo Pereira

High dynamic range (HDR) images of radiographies: modern digital replacement of negatoscopes?

10.40 – A. Fialho Conde


11.00 – coffee break

Session 5

11.30 – M. Fernandes

The earth colour finishes in earthen architecture.

11.50 – J. Pestana

Results of a study project on wall painting material characterization for chromatic integration.

12.10 – A. Candeias

Study of the frescoes from the Misericórdia Church of Odemira (Portugal) by in-situ XRF, SEM-EDS and confocal synchrotron μ-XRF

12.30 – Lunch
Session 6
14.00 – Invited talk - G. Van der Snickt

Discovery of a hidden Van Gogh painting by means of elemental Synchrotron XRF maps.

14.40 – J. Mendes

The colours of the 15th century paintings attributed to Nuno Gonçalves.

15.00 – S. Barros Santos

New pigments in the 19th century painting according to the technical treatises published in Portugal

15.20 – C. Falcão

The significance of colour in painting – the consequences of its loss or alteration and the possibilities of integration

15.40 – Coffee break

Session 7
16.10 – A. Cudell

The colours of the Portuguese contemporary art: the paints used on a neorealist painting by Júlio Pomar.

16.30 – H. Pinheiro Melo

The colours of a 16th century panel painting, attributed to Francisco João, from the church of Pavia (Mora, Portugal)

16.50 – A. Rosado

O papel da historia da arte técnica no processo de autenticação de obras de arte: um estudo preliminar

17.10 – I. Valverde, J. Sá, J. Aguiar

Multimedia presentation - External renderings conservation: Methodology and Intervention Techniques

18.30 – Poster session
### Saturday, 12th July

<table>
<thead>
<tr>
<th>Session 8</th>
</tr>
</thead>
</table>
| 9.20 – Invited talk – **P. Monteiro**  
*Studies on pigments in Portuguese treatises, from middle ages until 1850*  
| 10.00 – **S. Salema**  
*Sgrafitto and colour in Alentejo.*  
| 10.20 – **C. Barata**  
*A rare pigment in an unexpected place: realgar in Portuguese Baroque sculpture with non-erudite features.*  
| 10.40 – **L. Loureiro**  
*Colour in coated papers: the case study of a 19th century sewing box.*  
| **11.00 – coffee break** |

<table>
<thead>
<tr>
<th>Session 9</th>
</tr>
</thead>
</table>
| 11.30 – **E. Gomes**  
*Les Cerâmiques peintes de l’âge du fer.*  
| 11.50 – **S. Caldeira**  
*The use of X-ray Fluorescence spectroscopy for understanding the original decoration of 18th century Portuguese keyboards*  
| 12.10 – **M. O. Figueiredo**  
*Colouring by iron and beryl.*  
| **12.30 – Lunch** |

<table>
<thead>
<tr>
<th>Session 10</th>
</tr>
</thead>
</table>
| 14.00 – **J. Pernão**  
*Colour studies for the urban rehabilitation of Alagoas quarter, Peso da Régua.* |
14.40 – M. Vitiello

Dal “piano del colore” al “piano di conservazione”. Problemi teorici e approcci metodologici.

15.00 – M.L. Carvalho

Pigment identification on 17th-18th century handpainted paper artworks by EDXRF.

15.20 – Closing session