<table>
<thead>
<tr>
<th>Time</th>
<th>Monday 21 March 2016</th>
<th>Tuesday 22 March 2016</th>
<th>Wednesday 23 March 2016</th>
<th>Thursday 24 March 2016</th>
<th>Friday 25 March 2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00</td>
<td>Reception</td>
<td>9:00</td>
<td>Registration</td>
<td>9:00</td>
<td>9:00</td>
</tr>
<tr>
<td>9:00 - 9:30</td>
<td>Opening</td>
<td>9:00</td>
<td>PL 1</td>
<td>9:00</td>
<td>PL 5</td>
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<tr>
<td>9:30 - 10:10</td>
<td>PL 1</td>
<td>9:40</td>
<td>OC-A-3.1 OC-B-3.1</td>
<td>10:00</td>
<td>OC-A-5.1 OC-B-5.1</td>
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<tr>
<td>10:10 - 10:40</td>
<td>Coffee break</td>
<td>10:00</td>
<td>OC-A-3.2 OC-B-3.2</td>
<td>10:20</td>
<td>OC-A-5.2 OC-B-5.2</td>
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<tr>
<td>10:40 - 11:00</td>
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<td>10:20</td>
<td>Coffee break</td>
<td>10:50</td>
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<tr>
<td>11:00 - 11:40</td>
<td>OC-A-1.2 OC-B-1.2</td>
<td>10:50</td>
<td>OC-A-3.3 OC-B-3.3</td>
<td>11:10</td>
<td>OC-A-5.3 OC-B-5.3</td>
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<td>11:40 - 12:00</td>
<td>OC-A-1.3 OC-B-1.3</td>
<td>11:10</td>
<td>OC-A-3.4 OC-B-3.4</td>
<td>11:30</td>
<td>OC-A-5.4 OC-B-5.4</td>
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<tr>
<td>12:00 - 13:00</td>
<td>Lunch</td>
<td>11:50</td>
<td>OC-A-3.5 OC-B-3.5</td>
<td>11:50</td>
<td>OC-A-5.5 OC-B-5.5</td>
</tr>
<tr>
<td>13:00 - 14:00</td>
<td>Lunch</td>
<td>12:30</td>
<td>Conference dinner</td>
<td>13:30</td>
<td>Conference dinner</td>
</tr>
<tr>
<td>14:00 - 15:00</td>
<td>PL 2</td>
<td>13:30</td>
<td>Poster session 1 + reception</td>
<td>14:00</td>
<td>Poster session 2 + reception</td>
</tr>
<tr>
<td>15:00 - 15:40</td>
<td>Sponsor talk 1.1</td>
<td>14:00</td>
<td>Sponsor talk 2.1</td>
<td>15:00</td>
<td>Sponsor talk 3.1</td>
</tr>
<tr>
<td>15:40 - 16:20</td>
<td>Coffee break</td>
<td>14:40</td>
<td>Sponsor talk 2.2</td>
<td>15:20</td>
<td>Sponsor talk 3.2</td>
</tr>
<tr>
<td>16:10 - 16:30</td>
<td>OC-A-2.2 OC-B-2.2</td>
<td>15:40</td>
<td>Flash presentations 1</td>
<td>16:00</td>
<td>Flash presentations 2</td>
</tr>
<tr>
<td>16:30 - 18:00</td>
<td>OC-A-3.3 OC-B-3.3</td>
<td>16:20</td>
<td>16:00</td>
<td>17:40</td>
<td>18:00</td>
</tr>
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<td>reception</td>
<td>18:00</td>
<td>Conference dinner</td>
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<td>Conference dinner</td>
</tr>
</tbody>
</table>

**Conference Agenda**

- **Monday 21 March 2016**
  - Opening
  - PL 1

- **Tuesday 22 March 2016**
  - Registration
  - OC-A-3.1 OC-B-3.1
  - OC-A-3.2 OC-B-3.2
  - Coffee break

- **Wednesday 23 March 2016**
  - PL 1
  - PL 2

- **Thursday 24 March 2016**
  - OC-A-1.1 OC-B-1.1
  - OC-A-1.2 OC-B-1.2
  - OC-A-1.3 OC-B-1.3
  - OC-A-1.4 OC-B-1.4
  - OC-A-1.5 OC-B-1.5

- **Friday 25 March 2016**
  - OC-A-5.1 OC-B-5.1
  - OC-A-5.2 OC-B-5.2
  - OC-A-5.3 OC-B-5.3
  - OC-A-5.4 OC-B-5.4
  - OC-A-5.5 OC-B-5.5

**Excursion**

- **Monday 21 March 2016**
  - Closing

- **Tuesday 22 March 2016**
  - Lunch

- **Wednesday 23 March 2016**
  - Poster session 1 + reception

- **Thursday 24 March 2016**
  - Poster session 2 + reception

- **Friday 25 March 2016**
  - Conference dinner
# Monday, March 21, 2016

<table>
<thead>
<tr>
<th>Time</th>
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<tr>
<td>8:00 - 9:00</td>
<td>Registration</td>
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<tr>
<td>9:00 - 9:30</td>
<td>Opening Ceremony – Conference Room A</td>
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<tr>
<td>9:30 - 10:10</td>
<td>Plenary lecture – Conference Room A &amp; B</td>
</tr>
</tbody>
</table>
| 9:00 - 9:30   | **António Candeias**  
*Heritage Conservation and Art Research – a critical perspective* |
| 10:10 - 10:40 | Coffee Break                                                                               |
| **Conference Room A** | **Conference Room B**   |
| 10:40 - 11:00 | **Ina Reiche**  
*Coupling scanning macro-XRF and confocal micro-XRF to study the three successive versions of the painting L'Homme blessé by G. Courbet* | **Lucy’t Hart**  
*Monitoring the Impact of the Indoor Air Quality on Metallic Heritage* |
| 11:00 - 11:20 | **Martina Griesser**  
*Application of Neutron-based Analytical Techniques for the Non-destructive Investigation of the Coinage of Antique Bronze Coins* | **Evert B. Reijers**  
*Acidic degradation patterns of photographic dyes* |
| 11:20 - 11:40 | **Olivier Schalm**  
*Laminated altered layers in historical glass: density variations of silica nanoparticle random packings as explanation for the observed lamellae* | **Cátia Salvador**  
*Innovative mitigation strategies to easel paintings safeguard* |
| 11:40 - 12:00 | **Ingáll Nyström**  
*Forensic Art History: The Anders Ådel Pigment Dispute 1839-1841* | **Jan Krejčí**  
*Influence of Solvents on Cellulose Average Degree of Polymerization* |
| 12:00 - 14:00 | Lunch break                                                                               |
| 14:00 - 14:40 | **Terje Grøntoft**  
*Assessment of indoor air quality and the risk of damage to cultural heritage objects using MEMORI® dosimetry* | **Erik Gjertsen**  
*Sponsor talk – Bruker* |
| 15:00 - 15:20 | Sponsor talk – BRS                                                                         | **Erik Gjertsen**  
*Sponsor talk – Bruker* |
| 15:20 - 15:50 | Coffee Break                                                                               |
| 15:50 - 16:10 | **Aoife Daly**  
*Non-invasive tree-ring analysis-archaeology & art* | **Maduka L. Weththimuni**  
*Shellac-based nanocomposites for protection of wood surface* |
| 16:10 - 16:30 | **Marcello Manfredi**  
*Non-invasive Characterization of Colourants by Portable Diffuse Reflectance Infrared Fourier Transform (DRIFT)* | **Tomas Markevičius**  
*Innovative application of advanced nanomaterials designing future treatment technology for ART conservation* |
| 16:30 - 16:50 | **Alessia Coccato**  
*Combined historical, physical anthropology, archaeological, and archaeometrical approaches to understand glass beads from the Kongo Central province, Democratic Republic of Congo (DRC)* | **Marianne Odlyha**  
*Preservation of cellulose and collagen-based materials using novel nanoparticle-based treatment and non-destructive evaluation techniques* |
| 18:00         | Welcome reception – Cultuurkapel Sint-Vincent                                            |
**Tuesday, March 22, 2016**

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<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>9:00 - 9:40</td>
<td>Plenary lecture – Conference Room A &amp; B</td>
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</tbody>
</table>
| 9:40 - 10:00 | **Howell G.M. Edwards**  
Biodegradation of Art Works and Archaeological Artefacts Studied by Raman Spectroscopy : Space Mission Science Data Applied to Cultural Heritage Preservation | Conference Room A & B             |
| 9:40 - 10:00 | **Aurélie Mounier**  
Pigments & Dyes in a collection of medieval illuminations (14th – 16th century) | Conference Room A                 |
| 9:40 - 10:00 | **Alice Gimat**  
Paper decay induced by iron gall ink: an investigation of the mechanism using cellobiose | Conference Room B                 |
| 10:00 - 10:20 | **Clara Granzotto**  
Improved MALDI mass fingerprinting for identification and discrimination of Acacia gums in samples from works of art | Conference Room A                 |
| 10:00 - 10:20 | **Tânia Rosado**  
Stone weathering by microbial activity – The case of Convent of Christ | Conference Room B                 |
| 10:00 - 10:50 | Coffee break                                                           |                                   |
| 10:50 - 11:10 | **Federica Pozzi**  
Conquering space with matter: an in-depth study of Alberto Burri's materials and techniques | Conference Room A                 |
| 10:50 - 11:10 | **Kepa Castro**  
Characterising the underwater corrosion system of iron nails coming from a shipwreck | Conference Room B                 |
| 11:10 - 11:30 | **Astrid Harth**  
Assessing issues of attribution by means of technical research: a disputed Van Dyck reconsidered | Conference Room A                 |
| 11:10 - 11:30 | **Rafaela Debastiani**  
Analysis of pigments from fragments of Roman wall paintings from Germania Superior | Conference Room B                 |
| 11:30 - 11:50 | **Armida Sodo**  
Chemical and Spectroscopic investigation of the Raphael's Cartoon for the School of Athens from Pinacoteca Ambrosiana | Conference Room A                 |
| 11:30 - 11:50 | **Hilde De Clercq**  
Rehabilitation of farms – limits of salt content | Conference Room B                 |
| 11:50 - 14:00 | Lunch break                                                           |                                   |
| 14:00 - 14:40 | **Mary-Kate Donais**  
The Saint Anselm College Italy Excavations - Research and Training |                                   |
| 14:40 - 15:00 | Sponsor talk – B&W Tek by Ormylia Foundation, Georgios Karagiannis. |                                   |
| 15:00 - 15:20 | Sponsor talk – Smarttech LTD                                           |                                   |
| 15:20 - 15:40 | Sponsor talk – Hirox Europe                                            |                                   |
| 15:40 - 16:20 | Flash presentation 1                                                   |                                   |
| 16:20 - 18:00 | Poster session 1 + Reception                                          |                                   |

**Wednesday, March 23, 2016**

Conference Excursion (Lunch and Dinner included)
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<thead>
<tr>
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<tr>
<td>9:00 - 9:40</td>
<td>Plenary lecture – Conference Room A &amp; B</td>
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</tbody>
</table>
| 9:40 - 10:00| Jan Jehlíčka  
*Comparison of Miniature Raman Spectrometric Devices and Gemtesting Systems for Identification of Gemstones* |
| 9:40 - 10:00| **Conference Room A**  
Antonio Hernanz  
*Raman microscopy of hand stencils rock art from Yabrai Mountain, Inner Mongolia Autonomous Region, China*  
Fauzia Albertin  
*Tomography reads inside ancient books* |
| 10:00 - 10:20| Philippe Colomban  
*On-site identification of Sceaux porcelain and faience using portable Raman instrument*  
Jan Van den Bulcke  
*Looking inside valuable wooden objects with X-ray CT @ UGCT* |
| 10:20 - 10:50| Coffee break                                                             |
| 10:50 - 11:10| **Conference Room A**  
Claudia Conti  
*Non-destructive subsurface investigation of art materials with Micro-SORS*  
Adele DeCruz  
*Observations on the use of OCT to examine the varnish layer of paintings* |
| 11:10 - 11:30| Debbie Lauwers  
*A novel concept towards in-situ Raman mappings using a portable Raman spectrometer*  
Tom Callewaert  
*Segmentation of thin varnish layers in OCT images of works of art* |
| 11:30 - 11:50| Christoph Herm  
*Analysis of Wilhelm Ostwald’s “Colour Organ” with Raman Micro-spectroscopy*  
Manuel Dierick  
*The use of micro-CT in cultural heritage research* |
| 11:50 - 14:00| Lunch break                                                              |
| 14:00 - 14:40| Plenary lecture – Conference Room A & B                                  |
| 14:40 - 15:00| Manfred Schreiner  
*Multispectral Imaging and Material Analysis for the Visualization and Documentation of Manuscripts* |
<p>| 14:40 - 15:00| Sponsor talk – XG Lab                                                     |
| 15:00 - 15:20| Sponsor talk – Fondis Bioritech                                           |
| 15:20 - 16:00| Flash presentation 2                                                     |
| 16:00 - 17:40| Poster session 2 + Reception                                             |
| 19:30       | Conference dinner – Hotel Monasterium PoortAckere                       |</p>
<table>
<thead>
<tr>
<th>Time</th>
<th>Conference Room A</th>
<th>Conference Room B</th>
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<tbody>
<tr>
<td>9:40 - 10:00</td>
<td>Ilaria Serafini</td>
<td>Ferruccio Petrucci</td>
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<tr>
<td></td>
<td>A multi-analytical approach for characterization of orcein dyes in historical textiles, extracted through a new alkaline extraction protocol</td>
<td>Radiocarbon dating of 20th century works of art</td>
</tr>
<tr>
<td>10:00 - 10:20</td>
<td>Louise Decq</td>
<td>Reza Sohbati</td>
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<td>Development of an analytical procedure for the analysis of European lacquer</td>
<td>Optically stimulated luminescence dating of rock surfaces</td>
</tr>
<tr>
<td>10:20 - 10:50</td>
<td>Coffee break</td>
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<tr>
<td>10:50 - 11:10</td>
<td>Barbara Łydżba-Kopczyńska</td>
<td>Pieter-Jan Sabbe</td>
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<td>Determination of authenticity of paintings using &quot;atribution markers&quot; and data mining techniques</td>
<td>Chemical imaging of heritage metal surfaces with X-ray-excited Optical Microscopy</td>
</tr>
<tr>
<td>11:10 - 11:30</td>
<td>Marina González-Pérez</td>
<td>Marine Cotte</td>
</tr>
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<td>Optimizing the FISH protocol for analyzing Cultural Heritage microcolonizers: microwave fixation</td>
<td>The X-ray and infrared micro-spectroscopy beamline ID21: applications to 19th -20th C. artistic materials</td>
</tr>
<tr>
<td>11:30 - 11:50</td>
<td>Allesandro Mandelli</td>
<td>Xiangjun Wei</td>
</tr>
<tr>
<td></td>
<td>Innovative diagnostic models of artefacts: the case study of Michelangelo’s Pietà Rondanini</td>
<td>The stratified structure of ancient paintings in Forbidden City studied by Synchrotron radiation micro X-ray methods</td>
</tr>
<tr>
<td>11:50</td>
<td>Closing Ceremony</td>
<td></td>
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Poster Sessions

Tuesday, March 22, 2016: Poster Session 1

P-1.1 Characterization of compounds present in lake and textile, through ammonia mild extraction technique and micro-sampling with Ag-gel matrix associated with SERS analysis
  
  Livio Lombardi, Ilaria Serafini, Claudia Fasolato, Paolo Postorino, Fabio Sciubba, Marcella Guiso, Armandodoriano Bianco

P-1.2 A copy of the icon as a non-invasive test technical and technological formation of the original
  
  Stępiec Danuta, Mariola Pachnia, Cathy Carman

P-1.3 Spectroscopic study on accelerated ageing of materials used in contemporary art
  
  Alessandro Ciccola, Marcella Guiso, Claudia Fasolato, Fabio Sciubba, Paolo Postorino and Armandodoriano Bianco

P-1.4 An XRF study of a Late Bronze Age bronze fibula from Sardinia (Italy)
  
  Nicola Schiavon, Antonio Brunetti, Anna Depalmas, Claudio Bulla, Alba Canu

P-1.5 Imaging and X-ray spectroscopic techniques used in a Portuguese organ pipe
  
  Joana Fanico, Agnès Le Gac, Sónia Cost, José Mirã, António Candeias

P-1.6 Pigments and dyes for art: a scientific database of ancient, modern and contemporary materials
  
  Tiziana Cavaleri, Paola Buscaglia, Marco Nervo, Anna Piccirillo, Marco Pisani, Paolo Triolo, Massimo Zucco

P-1.7 Analysis of the Notger Gospel book by PIXE, XRF and Raman spectroscopies
  
  David Strivay, François-Philippe Hocquet, Fanny Dombret, Cécile Oger

P-1.8 Identification of binders in copper portrait miniatures of 17th and 18th centuries by µ-ATR-FTIR and Py-GC-MS
  
  Dora Teixeira, Alfredina Veiga, Ana Manhita, Catarina Miguel, António Candeias, Paulo Rodrigues, Jorge Ginha Teixeira

P-1.9 Evaluation of Laser Cleaning of Parchment, Wool and Feather with High Performance Liquid Chromatography and Attenuated Total Reflection - Fourier Transform Infrared Spectroscopy
  
  Stamatis Boyatzis, Eleni Ioakimoglou, Eleni Tzamourani, Efrosini Karantoni, Ekaterini Malea, Stavroula Rapti, Paraskevi Pouli, Athanassia Papanikolaou, Kristallia Melessanaki and Georgios Panagiaris

P-1.10 Multi-analytical study on two daguerreotype case components
  
  Teresa Ferreira, Evan Maina Maingi, Margarida Nunes, Cátia Relvas, Sónia Costa, Catarina Miguel

P-1.11 Physicochemical characterization of two 19th century daguerreotypes by non-invasive analytical techniques
  
  Teresa Ferreira, Evan Maina Maingi, Margarida Nunes, Cátia Relvas, Sónia Costa, Catarina Miguel
The use of colour on pottery decoration from late Holocene South American hunter gatherers
Veronica Aldazabal, Debbie Lauwers, Peter Vandenabeele, Luc Moens, Cristina Vázquez

A new scanner for in-situ digital radiography of paintings
Anna Impallaria, Federico Evangelisti, Ferruccio Petrucci, Flavia Tisato, Lisa Castelli, Francesco Taccetti

Distinguishable features between a 16th Century Portuguese-Flemish Master and his follower: technical and analytical contributions
Sara Valadas, José Mirão, Cristina Barrocas Dias, Peter Vandenabeele, António Candeias

Principal component analysis of chromatic parameters measured on atmospheric aged paint dosimeters
Agustin Herrera, D. Ballabio, R. Todeschini, N. Navas and C. Cardell

Preliminary studies of ultraviolet radiation over time in paint mock-ups
Agustin Herrera, F. Grisoni, D. Ballabio, R. Todeschini, N. Navas and C. Cardell

Beaming into the Iron Age: Handheld X-ray Fluorescence on Iron Age ceramics from Luristan (Iran)
Possum Pince, Peter Vandenabeele

Effect of acid rain on the leaching of heavy metals on CorTen steel structures
Patricia Ruiz, Julene Aramendia, Kepa Castro, Juan Manuel Madariaga

Analytical Characterization of glass tesserae from mosaics of Early Christian basilicas in Albania
Esmeralda Vataj, Teuta Dilo, Elío Hobdari, Stefan Röhrs, Peter Vandenabeele, Nikolla Civici

SERS analysis of basic and acid early synthetic dyes on wool
Maria Vega Cañamares, Chiara Deriu, Rocco Mazzeo, Silvia Prati, Santiago Sanchez-Cortes

Portable XRF vs benchtop EDX devices: Application for elemental identification in Archeology
Toufik A. Mostefaoui, L. Idjouadiene, V. Marzo, L. Bonizzoni, M. Gargano, N. Ludwig

Application of non-destructive technical to study some manuscripts of Algerian heritage
Lynda Idjouadiene, T. A. Mostefaoui, V. Marzo, N. Ludwig, L. Bonizzoni, M. Gargano

Analysis of pigments on a 16th century wood panel painting by portable and laboratory Raman instruments
E. Stanzania, Danilo Bersani, Piere Paulo Lottici, Philip Colomban

Multi-technical approach for the study of archaeological and artistic bronze objects
Justine Vernet, Valeria Bongiorno, Giorgia Ghiara, Paolo Piccardo

Role of lead as a major alloying element in tin bronzes of archaeological and artistic interest
Justine Vernet, Paolo Piccardo
P-1.26 On the degradation of plastic soldier toys at Oporto Military Museum

Ana Teresa Caldeira, António Pereira, António Candeias, José Mirão, Peter Vandenabeele

P-1.27 The euclidean distance tool as discriminator of very similar Raman spectra: application to pigment analysis in mixtures

Antonio Ramos de Torres, S. Ruiz-Moreno

P-1.28 Elemental and molecular mapping of pigments in painted artworks

Sara Mosca, Roberto Alberti, Tommaso Frizzi, Valentina Capogrosso, Austin Nevin, Gianluca Valentini and Daniela Comelli

P-1.29 Visualization and quantification of weathering effects and water uptake processes in natural building stones by using neutron imaging

Simona Raneri, Germana Barone, Paolo Mazzoleni, Eva Rabot

P-1.30 Degradation Study of Plastic Materials Used in Contemporary Art by Non-invasive Portable Infrared Spectroscopy

Elettra Barberis, Marcello Manfredi, Emilio Marengo

P-1.31 Non-Invasive Material Analysis of Parchment Manuscripts by Reflection-FTIR, XRF and Raman-Possibilities and Limitations

Wilfried Vetter, Bernadette Fröhmann, Federica Cappa, Manfred Schreiner

P-1.32 A novel approach for characterisation of polymers used in modern art conservation using Localised Thermal Analysis

Donald Sale, Angelica Bartoletti, Marianne Odlyha and Laurent Bozec

P-1.33 Fast degradation and monitoring of arsenic sulfide pigments with Raman spectroscopy-electrochemistry

Marc Vermeulen, Jana Sanyova, Koen Janssens, Karolien De Wael
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<thead>
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<th>Title</th>
<th>Authors</th>
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<tr>
<td>P-2.1</td>
<td>Disclosing Van Eyck’s original paint layers on the Ghent Altarpiece by combined MA-XRF scanning and SEM-EDX analysis</td>
<td>Geert Van Der Snickt, Hélène Dubois, Jana Sanyova, Alexia Coudray, Cecile Glaude, Stijn Legrand and Koen Janssens</td>
</tr>
<tr>
<td>P-2.2</td>
<td>Nanoscale structures of fossil bones and growth processes for burned bones</td>
<td>Giampaolo Piga, Maria Dolors Baró, Irati Golvano Escobal, Antonio Brunetti, Stefano Enzo, Sebastiano Garroni</td>
</tr>
<tr>
<td>P-2.3</td>
<td>Non-invasive archeometrical studies by new portable hybrid energy dispersive x-ray diffraction and x-ray fluorescence system</td>
<td>Ariadna Mendoza Cuevas, Jorge Fernandez-de-Cossio Dorta-Duque, Federico Bernardini</td>
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<tr>
<td>P-2.4</td>
<td>A combined approach for the identification of handwritings in paper documents: the case of Antonio Stradivari’s relics</td>
<td>Giusj Valentina Fichera, Piercarlo Dondi, Maurizio Licchelli, Luca Lombardi, Fausto Cacciatori, Marco D’Agostino and Marco Malagodi</td>
</tr>
<tr>
<td>P-2.5</td>
<td>Evaluation of the Protective Capacity of Coatings on Silver Foil Exposed to H₂S, HCl and H₃COOH as a Model for the Ghent Altarpiece Gilded Frames</td>
<td>Anastasia Rousaki, Peter Vandenabeele, Jana Sanyova, Hélène Dubois, Luc Moens</td>
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<tr>
<td>P-2.6</td>
<td>The first look is never the true look - the comparative study of six Portuguese 16th century illuminated Charters based on spectroscopy and chemometrics analysis</td>
<td>Catarina Miguel, Cristina Barrocas Dias, Teresa Ferreira, António Candeias</td>
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<tr>
<td>P-2.7</td>
<td>Bright reds...or not so bright - the degradation of vermilion reds on medieval illuminations from Alcobaca, Troyes and the Vatican collections</td>
<td>Catarina Miguel, Cristina Barrocas Dias, Maria Luísa Carvalho, António Candeias</td>
</tr>
<tr>
<td>P-2.8</td>
<td>Monitoring of penetration depth of consolidants applied to carbonate and silicate substrates by Raman and FTIR spectroscopy</td>
<td>Lea Legan, Klara Retko, Tanja Špec, Polonca Ropret, Luka Škrlep, Andreja Pondelak, Andrijana Sever Škapin</td>
</tr>
<tr>
<td>P-2.9</td>
<td>Non-destructive Raman investigations on wall paintings at Sala Vaccarini in Catania (Sicily)</td>
<td>Germana Barone, Danilo Bersani, Alessia Coccato, Debbie Lauwers, Paolo Mazzoleni, Simona Raneri, Peter Vandenabeele, Davide Manzini, Giuseppe Agostino, Nicola Francesco Neri</td>
</tr>
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</table>
The case-study of "The daughters of the emperor Ferdinand I' by Jakob seisenegger, in Trento (Italy): Analytical hygro-mechanical results as a support in risk assessment for technical interventions

Paolo Dionisi-Vici, Francesca Raffaelli and Alberto Finozzi

Development of a translation stage for in situ non-invasive analysis and high resolution imaging

David Strivay, Mathieu Clar, Said Rakkaa, François-Philippe Hocquet, Catherine Defeyt

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