

YOCOCU 2012 - Youth in the Conservation of Cultural Heritage. Antwerpen, 18-20 June 2012

Monday - June 18, 2012

8.30	9.00	Registration desk Coffee and croissants	Program - Oral Presentation
9.00	9.55	Opening Ceremony: invited guests	

First Session: Stone

Chairman:

10.00	10.15	Removal of calcareous concretions from natural and manufactured stone archeological artifacts through the use of CO2 solutions	Barbara Di Odoardo, Maurizio Coladonato
10.15	10.30	Evaluation of spreading and effectiveness of injection products against rising damp in mortar, brick and masonry	Anke Hacquebord, Barbara Lubelli, Rob van Hees, Timo Nijland
10.30	10.45	Bio-removal of black crust from marble surface: comparison with traditional methodologies and application on a sculpture from the Florence's English Cemetery	Eleonora Gioventù, Paola Franca Lorenzi
10.45	11.00	Validation of in situ applicable measuring techniques for analysis of the water absorption by stone	Delphine Vandevoorde, Veerle Cnudde, Jan Dewanckele, Matthieu Boone, Eberhard Lehmann & Eddy Verhaeven
11.00	11.15	CEI Moncloa Advance of research: Effects of treatments of conservation and restoration on archaeological roman site of Mérida (Spain)	Natalia Perez Ema
11.15	11.30	Chromatic alteration of Roman Heritage in Aosta (Italy)	Elisa Conza, Lorenzo Appoloni, Maria Pia Riccardi, Serena Tarantino, Michele Zema
11.30	11.45	Non-destructive techniques to assess mechanical and physical properties of soft calcarenitic stones	Emilia Vasanelli, Maria Sileo, Angela Calia, Antonietta Aiello
11.45	12.00	Coffee break	
12.00	12.15	Preserving heritage and conserving a legacy - Site Management at Mumbay Caves	Brinda Gaitonde Nayak

12.15	12.30	Graphic Vandalism: study of the interaction of spray varnishes with stone materials	Enrico Ciliberto, Daniela Maria Battaglia ^a , Claudia Capello, Maria Gatto, Salvatore La Delfa, Maurizio Masieri, Giovanni Quarta
12.30	12.45	Laboratory assessment of the performance of new hydraulic mortars for restoration	Nadia Bianco, Angela Calia, Piero Negro
12.45	13.00	Efficiency of applying ammonium oxalate for protection of monumental limestone by poultice, immersion and brushing methods	D. Mudronja, F. Vanmeert, K. Hellemans, S. Fazinic, K. Janssens, D. Tibiljas, M. Rogosic, S. Jakovljevic
13.00	13.30	Discussion	

13.30 14.10 Lunch (not provided)

Second Session: Pigment and Paintings

Chairman:

14.15	14.30	Combined use of synchrotron radiation-based μ -XRF, μ -XRD, μ -XANES and μ -FTIR reveals an alternative degradation pathway of the pigment cadmium yellow (CdS) in a painting by Van Gogh	
14.30	14.45	Identification of pigment binder materials using principal component analysis of FT-Raman spectra	Anuradha Pallipurath, Jonathan Skelton, Spike Bucklow, Stephen R. Elliott
14.45	15.00	It's not easy being green': a technical and cultural study of green pigments used in illuminated manuscripts	Paola Ricciardi, Anuradha Pallipurath, Spike Bucklow, Stella Panayotova and Kristine Rose

15.00 15.20 Coffee break

15.20	15.35	Chrome yellow (PbCrO ₄ , PbCr _{1-x} SxO ₄): the role of sulfate anions on the degradation process of these class of pigments and their detection in paintings by Vincent van Gogh and its contemporaries through the combined use of Synchrotron X-ray and conventional spectroscopic methods	Letizia Monico, Koen Janssens, Geert van der Snickt, Costanza Miliani, Brunetto Giovanni Brunetti, Marie Radepont, Marine Cotte
15.35	15.50	Atomic Force Microscopy as a valuable tool in an innovative multi-scale and multi-technique non-invasive approach to surface cleaning monitoring	Catarina Pereira, Isabel Ferreira, Luís Branco, Irina Sandu, Tito Busani

15.50	16.05	Painting techniques of argentine muralists of the twentieth century	Patrizia Moretti, Fernando Marte, Damasia Gallegos, Bruno Brunetti, Antonio Sgamellotti, Costanza Miliani
16.05	16.20	The market of works of art and the role of conservation sciences	Luigi Maria Di Stefano
16.20	16.35	Analysis of artistic paintings by FTIR and X-ray microspectroscopy at the ID21 beamline, European Synchrotron Radiation Facility	Emeline Pouyet, Marine Cotte, Murielle Salome, David Bugnazet, Barbara Fayard, Marie Radepont, Francesco Sette
16.35	17.00	Discussion	
Special Events:			
17.00	17.30	Heritage conservation and public engagement	Danai Koutromanou
17.30	18.30	Answering to the questions Special Topic: Molecular Spectroscopy Analysis - Massimiliano Rocchia (Thermo Scientific) will answer about all the questions about IR and Raman analysis	
18.40	YOCOCU welcome reception: Drink & Tapas		
20.30	Antwerpen by night: tour		

Tuesday - June 19, 2012 | Start 8.45

Third Session: Cultural experiences

Chairman:

9.05	9.20	Craft Education and Conservation	Sophie Norton
9.20	9.35	Tiermes Cultural Lab: Excavation, conservation and utilization of the archaeological site of Tiermes (Soria, Spain)	Carlos Rodríguez, Sagrario Fernández, Flavia Zelli, Pablo Arribas Lobo
9.35	9.50	The Past for future: The role of late Antique-Early Medieval settlement Gabala in our cultural heritage protection	Jeyhun Eminli
9.50	10.05	XIX/XXI: A jung team in a 19th century museum	María Jesús Cabrera, <u>Carmen Cabrejas</u>
10.05	10.20	Cultural heritage in Azerbaijan via MIRAS social organization and Agsu archaeological expedition	Dr. Fariz Khalilli, Shola Bayramova
10.20	10.35	An ethnographic survey of belt examples of Beypazari traditional accessories	Semiha Aydin, Hatice Harmanjaya, Asuman Yilmaz

10.35	10.50	Cultural heritage and education	Vijay Ramchandani
10.50	11.05	The dead bucket: An inexperienced conservator's guide to setbacks	Ayesha Fuentes, Geneva Griswold
11.05	11.15	Discussion	

11.15 11.30 Coffee break

11.30 13.00 International Round Table - Planning for the Cultural Heritage Conservation Future. Best practices, networks and Sustainable Restoration

13.00 14.30 Poster Session - Coffee is served

Four Session: Glass and Ceramics

Chairman:

14.50	15.05	Study of the early stages of glass corrosion and Mn-intrusion from the environment by means of combined SR-FTIR/m-XRF on-line imaging and XANES spectroscopy	Gert Nuyts, Simone Cagno, Kevin Hellemans, prof. dr. Koen Janssens
15.05	15.15	Glasses and diamond: issues related to the archaeometric investigation of an archaeological bead	Giulia Bertolotti, Maria Secchi, Maurizio Mattarelli, Stefano Gialanella
15.15	15.30	Non invasive analysis of manuscript covers: portable X-ray Fluorescence enlightening medieval jewellery masterpieces	Fenoglio G., Agostino A., Aceto A, et Operti L.
15.30	15.45	Colour and chemistry of the glass findings in Roman Treignes, Belgium	Andrea Ceglia, Wendy Meulebroeck, Peter Cosyns, Karyn Nys, Herman Terryn, Hugo Thienpont
15.45	16.00	In-situ Infrared Reflection Absorption Spectroscopy (IRRAS) for leaching and weathering studies on glass	Monica De Bardi, Rita Wiesinger, Manfred Schreiner

Special Events

16.10 18.00 Visit to the Conservation-Restoration department of the Academy of Fine Arts of Antwerp (Artesis)

20.30 Social Dinner

Wednesday - June 19, 2012 | Start 8.45

Four Session: Glass and Ceramics

Chairman:

9.05	9.20	Investigation and characterization of porcelain objects, discovered in Clairefontaine (Belgium), by means of Raman Spectroscopy and X-Ray Fluorescence Spectroscopy	Jolien Van Pevenage, Debbie Lauwers, Bart Vekemans, Eddy Verhaeven, Davy Herremans, Wim De Clercq, Laszlo Vincze, Peter Vandenabeele and Luc Moens
9.20	9.35	Antwerp majolica tiles from the 16th-17th century: study of material technical aspects using x-ray fluorescence spectroscopy	L. Van de Voorde, M. Vandevijvere, B. Vekemans, J. Van Pevenage, P. Vandenabeele and L. Vincze
9.35	9.50	Experimental results of digital restoration	Mariapaola Monti, Roberta Menghi, Elena Nencini and Giuseppe Maino
9.50	10.00	Discussion	

10.00 10.15 Coffee break

Five Session: Organic Materials and Textiles

Chairman:

10.20	10.35	Application of quantitative hyperspectral imaging in historical archives	
10.35	10.50	Characterization and weathering of motion-picture films with cellulose nitrate, cellulose acetate and polyester supports	Enrico Ciliberto, Pietro Gemmellaro, Veronica Iannuso, <u>Salvatore La Delfa</u> , Riccardo Giovanni Urso, Ezio Viscuso
10.50	11.05	Saccharide Materials in Paint systems: Nature, Occurrence and Physicochemical evolution	A. Lluveras-Tenorio, C. Duce, M.R. Tiné, M.P. Colombini, I. Bonaduce
11.05	11.30	Diagnostic analyses for the study of materials, technique and stage of deterioration of gilded and painted leather of the XVIII Century	Loredana Mannina, Angela Lombardo

11.30	11.45	Fluorescence of organic binders in painting cross-sections: new tools.	Donata Magrini, Susanna Bracci, Irina Sandu
11.45	12.00	Novel approach in protein identification and localization using mass spectrometry and staining tests in cross-sections of color layers	Stepanka Kuckova, Irina Crina Anca Sanduc, Michaela Crhova, Radovan Hynek, Igor Fogas, Stephan Schafer
12.00	12.15	The issue of contamination by synthetic resins in radiocarbon dating: the case of a painting by Ambrogio Lorenzetti	Lucia Caforio , Mariaelena Fedi , Lucia Liccioli , Antonella Salvin ^c
12.15	12.30	The painted silk panels of Palazzo Barberini at Rome. The scientific investigation and preservation challenges	Giulia Falletta, Claudia Pelosi, Barbara De Dominicis, Pietro Baraldi
12.30	12.45	Analysis of a Ptolemaic mummy foot from Slovene Ethnographic Museum	Katja Kavkler, Marko Frelj
12.45	13.55	Discussion	

13.00 13.40 Lunch

Six Session: Metals

Chairman:

13:45	14:00	Influence of ozone on atmospheric corrosion of silver	Francesca Catalano, Irene Martina, R. Wiesinger , M. Schreiner
14:00	14:15	Spectroscopic identification of an unknown coating accelerating copper corrosion	Monika A. Koperska, Joanna Łojewska
14:15	14:30	Non-destructive approach to multilayer objects: XRF analysis of gilt and enameled metals of the medieval cross of Rosciolo	Luigi Campanella, Marco Ferretti, Claudia Polese, Clodoaldo Roldán Garcia, Irene Sabatini
14:30	14:45	Electrochemical characterization of bronze patinas on Roman archaeological objects	Alice Elia, Mark Dowsett and Annemie Adriaens
14:45	15:00	Characterisation of metal decoration by in-air Elastic Backscattering Spectrometry (EBS) and Particle Induced X-ray Emission (PIXE) techniques	Eva Martellia, Silvia Calusia, ^b Massimo Chiaria, Giovanna Gorlab, Alessandro Migliori
15:00	15:15	Research on corrosion of lead printing letters from the Plantin-Moretus Museum	Emilie Lieten, Marjan Jacobs
15:15	15:30	Discussion	

15.30 16.00 YOCOUCU Awards/Meeting Conclusion