

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

First Session: Stone

S-08	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. Tibljas, M. Rogosic, S. Jakovljevic
S-12	Ventilation control using CFD modelling for cultural buildings conservation	Delia D'Agostino, Paolo Maria Congedo, Rosella Cataldo
S-13	Protective nanomaterials coatings for the prevention of biodeterioration of calcareous stone	Nikte M. Gomez-Ortiz, Santiago Gonzalez-Gomez, Monserrat Soria-Castro, Patricia Quintana, Gerko Oskam, Otto Ortega-Morales, Susana C de la Rosa-García
S-16	A scientific approach in the recovery of the historic center of Rome: limits and potentials of the color plan	Giuseppe Capobianco, Angela Corcella, Anna Maria Mecchic, Fernanda Prestileo,
S-01	Stucco Forte in Venice between the 16th and 17th centuries: the case study of Addolorata Chapel stuccoes in San Pantalon's church	Laura Falchi, Manuela Sgobbi, Marco Piovesan, Eleonora Balliana, Zendri Elisabetta
S-07	Antique stone quarries in Turkey: a case study on tuffs in the temple of Apollon Smintheus	Duygu Ergenç
S-09	Use of textiles as protective covers for Nemrut mount monuments	A. Senay Dincer, Duygu Ergenç
S-17	Archaeometrical Analysis for the Characterization of Mortars from Ostia Antica	Andrea Morricone, Andrea Macchia, Marcello Turci, Stefano de Togni, Massimiliano David and Luigi Campanella
S-18	Biogenic calcium oxalates on limestone from the mayan archaeological site of Chichen-Itza	William Santiago González, Patricia Quintana, Otto Ortega-Morales, Dora L Huerta, Susana de la Rosa-García, Sergio Gómez-Cornelio, Claudia García Solis

Second Session: Pigment and Paintings

P-05	Integrated study of 16th Portuguese-Flemish paintings attributed to Master Frei Carlos	Sara Valadas, José Mirão, Cristina Dias, Rita Freire, Joaquim Caetano, Maria José Oliveira, António Candeias
P-03	Black Dyed Wool in the Southern Netherlands, 1650 - 1850: Historical Sources versus Historical Samples	Natalia Ortega Saez

P-04	Non-destructive characterization of the Nizet Manuscript (18th Century) : First results.	Mélanie Marchowski, Helena Calvo del Castillo, Cécile Oger, David Strivay
P-08	Pigments and mixtures identification by visible reflectance spectroscopy	Tiziana Cavaleri, Annamaria Giovagnoli, Marco Nervo
P-09	Realgar and Light	Andrea Macchia, Luigi Campanella, Delia Gazzoli, Adriana Maras, Stella Nunziante, Massimiliano Rocchia
A-02	Revealing the painting technique: a combined use of GC/MS and synchrotron radiation based techniques (SR ATR-FTIR and SR XRF)	A. Lluveras-Tenorio, A. Andreotti, I. Bonaduce , M. Cotte, M.P. Colombini
A-03	“Saul and David” by Rembrandt van Rijn and/or workshop: A case study in the application of MA-XRF in the conservation treatment of paintings	Matthias Alfeld, Koen Janssens, Joris Dik, Petria Noble, Annelies van Loon
A-04	Invasive and not-invasive investigations on inorganic pigments and lacquers of Ferraù Fenzoni’ s paintings in Todi	F. Catalano, , A. Mannaioli, M. Marabelli, L. Morgante , S. Ridolfi, M. P. Sammartino
A-05	The conservation of a painting. Case study: Cornel Minisan, "Landscape from caransebes" (oil on canvas, the 20th century)	Ioan Paul Colta
A-09	Selection and characterization of Surface Active Compounds for the removal of surface deposits from paintings	Michela Grimaldi, Flavia Tasso, Nicoletta Barbabietola, Chiara Alisi, Paola Marconi, Anna Rosa Sprocati
A-07	Tintoretto’s Painting St Nicholas in Novo mesto – Conservation and restoration treatments and material analyses	Emina Frljak Gasparovic, Barbka Gosar Hirci, Polonca Ropret, Andrej Hirci
A-11	Active packaging in cultural heritage area: the new concept of active box	Roman Gołąb, Jacob Thomas, Barbara Błyskal, Tomasz Łojewski
A-12	Interdisciplinary Analytical Protocol Efficiency in Preserving-Restoring Processes: Case Study neo-Byzantine Icon, Holy Trinity in the Coronation of the Virgin	Maria Marinescu, Ana Emandi, Dorina Claudia Samoilescu, Mariana Pruna, Otilia Cinteza
A-13	Investigation of the main physical processes contributing to image formation in emission radiography	Diana Leyva Pernía, Ana E. Cabal Rodríguez, Olivier Schalm, Pierre Van Espen

Third Session: Cultural experiences

E-19	A web data management system for conservation treatments of	Vicenza Ferrara, Andrea Macchia, Barbara Mazzei, Romana Albini and Luigi
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	Cultural Heritage Catacombs	Campanella
E-17	Architecture, archaeology and landscape, an interdisciplinary educational experience in archaeological sites	Flavia Zelli, Mariana Carvalho, Sagrario Fernández, Laura Pujia, Charles Rocha, Carlos Rodríguez
E-20	Science and Cultural Heritage for primary school	Andrea Macchia, Nicoletta Barbabietola, Luigi Campanella, Elena Montella, Elisa Ortiz, Fernanda Prestileo, Maria Teresa Jaquinta,
E-06	The Romiri project 2011 - An international interactive workshop for training in conservation	Lucia Gomez-Robles, Laura-Melpomeni Tapini
E-08	Promoting culture in the extreme south of Chile	Marian Zink, Flavia Labbé
E-09	STP ITER PLATA: A Cultural Landscape model for sustainable integration of archaeological remains and heritage sites in La Plata Roman way in Castilla y León (Spain).	Sagrario Fernández, Carlos Rodríguez, Flavia Zelli
E-03	Preventive and planned conservation of built Cultural Heritage: strategies and tools for the enhancement of cultural capital	Francesca Bambini, Rossella Moioli
E-11	Sm-Art (social media for art) for the Renaissance of culture on Web	Adele Iasimone, Laura Solla
E-04	By and For people: a public archaeology model for Tokat, Turkey	Coşku Türkmenoğlu
E-12	Heritage conservation and public engagement	Danai Koutromanou
E-14		Nadia Rizwan, Tahseen Asghar

Fourth Session: Glass and Ceramics

G-01	Investigation components of materials of blue Haftrang glaze in Iranian mosque	Matyam Soltani, Abbasali Soltani, Mehrdad Dehnavi
G-02	Conservation and restoration of pale of glaze in the seven-colored tiles of Imam Ali's Holy shrine, Najaf, Iraq (based on laser techniques)	Shadi Soltanzadeh, Rasool Vatandoust, Karim Movassaghi .
G-03	Investigation technology of ancient Eglomize (painting behind of glass) for conservation	Maryam Soltani, Zohreh Salimian, Karim Movassaghi
G-13	NMR Depth Profile: a new tool to evaluate the penetration depth of the hydrophobic treatment	Valeria Di Tullio, Luigi Campanella, Noemi Proietti, Donatella Capitani, Annamaria Mecchi
G-15	Study of the composition and state of alteration of the 18th century glass from the Cistercian nunnery of Clairefontaine (Belgium)	Davy Herremans, Simone Cagno, Anke Vincke, Wim De Clercq, Koen Janssens
G-10	Physico-chemical characterisation of ancient and modern tin amalgam mirrors and their alteration processes	Arizio E., Orsega E.F., Falcone R., Verità M.

G-09	Investigation of the effectiveness of conservation treatments for Mn-browned historical glass	S. Cagno, G. Nuyts, S. Bugani, K. De Vis, J. Caen ³ , K. Janssens
G-05	Dalle de verre windows; Analytical research as a framework for conservation-restoration decisions	Kristel De Vis, Joost CAEN, Koen Janssens, Patric Jacobs
C-03	Material Technical Characterisation of Majolica Tiles from Antwerp from the 16th-17th centuries by SEM-EDX and micro-XRF as a preliminary study in conservation and restoration	M. Vandevijvere, L. Van de Voorde, B. Vekemans, L. Vincze, Piet Van Espen and Joost Caen
C-01	Restoration practice of faience and porcelain wares (based on materials of medieval Agsu Town)	Jahangir Ahmedov
C-05	Determining the composition of the feldspars present in archaeological ceramics by Raman spectroscopy	Giuseppe Capobianco
C-06	Element content of ancient ceramic sample by micro-PIXE	Dinara Abbasova

Fifth Session: Organic Materials and Textiles

O-06	Sample preparation of historical photographs to study the nanomorphology of silver degradation with TEM	Eva Grietena, Joost Caen, Dominique Schryvers
O-03	Conservation work on an ancient Sicilian processional banner: Preliminary analyses and in situ restoration	Loredana Mannina, Angela Lombardo
O-10	Evaluation of the archaeological leather's amino acid composition, structure and properties	Irina Gordienko, Viktoriia Plavan, Lucretia Miu, Nadia Gavriluk
O-11	De Doelse Koggen	Lore Poelmans
T-01	Traditional "Batik" methods as a brand cultural heritage textiles of Pekalongan, Indonesia	Fikriyatul Falashifah
T-03	Study of metals fire the ecclesiastical garments	Nicoleta Vornicu, Cristina Bibire, Pruna Mariana, Maria Geba

Six Session: Metals

M-02	Research and conservation of medieval metal wares	Vugar Guliyev
M-04	Surface investigation of precious metallic artefacts from Diocesan Museum of Palermo	Maria Pia Casaletto, Rossella Licciardi, Anna Lombardo, Mauro Sebastianelli, Paolo Guerra

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| M-05 | Surface characterization of new corrosion inhibitors for the conservation of archaeological bronze artifacts | Giuseppe Salvaggio, Maria Pia Casaletto, Maria Luisa Testa, Gabriel Maria Ingo, Cristina Riccucci, Tilde De Caro |
| M-09 | XVIII-XIX Century Organs in mediterranean areas: degradation of Tin-rich and Lead-rich pipes | Antonio Bovelacci, Enrico Ciliberto, Enrico Greco, Ezio Viscuso |
| M-10 | Micro-Raman characterization of silver corrosion products occurring in the early stages of atmospheric corrosion | I. Martina, R. Wiesinger , D. Jembrih-Simbürger, M. Schreiner |
| M-12 | Deposition of lead dodecanoate coating on a lead or lead alloy metal surface | Michel de Keersmaecker, Karolien De Wael, Annemie Adriaens |
| M-13 | Application of sol-gel method for the conservation of copper and steel | E. Borovikovaitė, J. Lukšėnienė, A. Selskis, J. Senvaitienė, R. Ramanauskas, A. Kareiva |