

Conference Programme
Conservation Science 2007

Session	Chairperson	Invited/Paper	Time	Title	Affiliation
10.00 Conference Opening	Prof. G. Ballio Rector of the Politecnico di Milano, Dr. P. Petrarola General Director Culture Dept. Regione Lombardia, Prof. M. Boriani CCVBC President, G. Martin Chair of ICS/ICON, Prof. G. Sironi Prorector of the University of Milan, Ing. C. De Albertis Presidente Assimpredil-Milano		1h		
11.00 Plenary Session	Lucia Toniolo			From science laboratory to conservation practice: the role of conservation scientists	
	Giorgio Bonsanti		1 20'	Conservation Science and the Theory of Conservation	Professor of Art History, Uinversità di Firenze, I
	David Saunders		2 20'	Conservation Science and the wider aims of the museum	Head of Conservation, The British Museum, UK Professor of Applied Physics, Università di Milano Bicocca, I
	Marco Martini		3 20'	Archaeometry versus Conservation Science	Senior Conservation Scientist, Royal Danish Museum, Copenhagen, DK
	Yvonne Shashoua		4 20'	Beg, borrow or steal-the conservation science of plastics	Independent Conservation Scientis, Prof. of Conservation Science, University of Amsterdam, NL
	Norman Tennent		5 20'	Bridging the gap between the laboratory and the studio - proposals for translating scientific findings into conservation practice	Professor of Chemistry of Cultural Heritage, Università di Bologna, I
	Rocco Mazzeo		6 20'	Education and training of conservation scientists	
13.30 Lunch					
14.30 Session D Developments in Conservation Processes	Graham Martin			Developments in conservation processes	
	A. Adriaens, M. Dowsett, K. Leyskens, C. Degrygn		7 10'	Monitoring the conservation of cupreous metal objects: evaluation of a new approach	Department of Analytical Chemistry, Ghent University
	I. D. van der Werf, A. Albanese, E. Andriani, G. Daurelio, D. Marano, L. Sabbatini, I. M. Catalano		8 10'	Laser removal and chemical characterisation of graffiti varnish spray and felt-tip markers on stone monuments	Department of Chemistry, University of Bari
	H. Tello, A. Unger		9 10'	The Decontamination of Ethnological Objects with Supercritical and Liquid Carbon Dioxide	Staatliche Museen zu Berlin, Ethnologisches Museum
	I. Gibb, A. Phillips, K. Hallett, K. Frame		10 10'	Shake, Rattle, and Roll – Vibration Effects at the Hampton Court Music Festival	Historic Royal Palaces, London
	V. Pitthard, S. Stanek, M. Griesser, H. Hanzer, C. Kryza-Gersch		11 10'	Comprehensive Investigations Of The "Organic Patina" On Renaissance And Baroque Indoor Bronze Sculptures From The Collection Of The Kunsthistorisches Museum, Vienna	Kunsthistorisches Museum mit MVK und ÖTM, Wien
	S. Agostini		12 10'	The agricultural side of the world heritage	Institute of Agriculture Engineering, University of Milan
16.00 Coffee break			30'		
16.30 Session D	Joyce Townsend			Developments in conservation processes	
	M. Favaro, F. Ossola, P. Tomasin, P.A. Vigato		13 10'	Decay markers for the preventive conservation and maintenance of outdoor stone monuments	CNR Istituto ICIS, Padova
	L. Binda, C. Tedeschi, P. Condoleo, E. Mannucci, G. Zerbi		14 10'	The My Son Temples In Vietnam: Study Of The Materials For The Preservation Project	Dept. of Structural Engineering - DIS, Politecnico of Milan
	B. Bravo, F. Izzia		15 10'	Evaluation of aging effects and conservation methods with micro-FTIR and TGA-FTIR	Thermo Fisher, Italy
	A. Sansonetti, A.M. Mecchi, T. Poli, M. Realini		16 10'	Problems in drawing up standards to evaluate efficacy and harmfulness in cleaning operation	CNR Istituto ICVBC, Milano
17.30 Session N	Mauro Bacci			Non invasive investigation techniques	
Non invasive & NDT Methods	I. Bonaduce, J. J. Boon, M. P. Colombini, G. Lanterna		17 10'	Chemical imaging techniques for the characterisation of materials and techniques in the art of gilding: a case study from a mural by F. Lippi	Department of Chemistry and Industrial Chemistry, University of Pisa
	P. Ravines, R. Wieganeu, R. Hailstone, G. Gomer		18 10'	Quantitative characterization of fine art photographic images using non destructive and non contact surface profilometric techniques and their application to Daguerreotypes	George Eastman Museum of Photography and Film, Rochester, NY
	A. Nevin, D. Comelli, G. Valentini, D. Anglos, S. Cather, C. Fotakis, R. Cubeddu		19 10'	Recent developments in the use of fluorescence spectroscopy for the analysis of proteins found in art	Institute of Electronic Structure and Laser - FORTH, Heraklion, Creta
	G. Bizzaro, R. Cignini, M. Liberi, R. Melzi, F. Tedoldi, T. Poli, L. Toniolo		20 10'	Water absorption investigation in building materials by surface NMR	Bruker Biospin, Italy
18.30 End					
Social Dinner 20:30 Castello Sforzesco - Milan					

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9.00 Session N	Gianluca Valentini			Non invasive investigation techniques	
Non invasive & NDT Methods	M. Piccolo, A. Casini, M. Bacci, F. Lotti, M. Poggesi, L. Stefani		21 10'	Hyper spectral image spectroscopy: A 2-D approach to the investigation of polychrome surfaces	CNR Institute IFAC, Firenze
	L. Fiorani, F. Colao, R. Fantoni, A. Palucci		22 10'	Scanning hyperspectral lidar fluorosensor: a new tool for fresco diagnostics	ENEA Dept. Tecnologie Fisiche e Nuovi Materiali / Applicazioni Laser, Frascati
	H. Liang		23 10'	Non-invasive imaging of subsurface paint layers with optical coherence tomography	Nottingham Trent University, Nottingham
	L. Tyimińska-Widmera, M. Górab, T. Łęka-Wysłoucha, M. Targowska, B. Roubaa, P. Targowski		24 10'	Optical Coherence Tomography – a Novel Tool for the Examination of Oil Paintings	Nicholas Copernicus University, Torun
	C. Miliani, F. Rosi, A. Burnstock, B.G. Brunetti, A. Sgamellotti		25 10'	Non-invasive in-situ investigations versus micro-sampling: a comparative study on a Renoir's painting	CNR Istituto ISTM, University of Perugia
10.30 Coffee break			30'		
11.00 Session N	Jim Tate			Non invasive investigation techniques	
	A. Gianoncelli, L. Ortega, J. Castaing, E. Dooryhée, J. Salomon, J.-L. Hodeau, P. Walter, P. Bordet		26 10'	A portable XRF-XRD instrument for in-situ analysis of Cultural Heritage objects	CNRS Centre de Recherche et de restauration des Musées de France, Paris
	R. Fontana, C. Bonifazzi, P. Carcagni, A. Della Patria, M. Greco, M. Mastroianni, M. Materazzi, E. Pampaloni, L. Pezzati, A. Romano		27 10'	A Scanning Device For Multispectral Imaging Of Paintings	CNR Istituto - INOA, Firenze
	V. Costa		28 10'	Characterization of cultural artefacts using electrochemical techniques	IRRAP, Compiègne
	M. Maguregui, R. Tagliapietra, M. Angulo, I. Martínez-Arkarazo, K. Castro, J. M. Madariaga, A. Brooker.		29 10'	Historical bricks degradation products identification by mean of combined Raman spectroscopy and scanning electron microscopy	Renishaw, Italy
12.45 Lunch			1h		
13.45 Session P	Yvonne Shashoua			Polymers, Wood and Paper Conservation	
Polymers, Wood, Paper	J. Thomas, A. Lerwill, J.H. Townsend, S. Hackney		30 10'	A critical review of anoxia for the storage and display of works on paper	Tate, London
	E. Richardson, G. Martin, P. Wyeth		31 10'	On-site collections management: NIR characterisation and condition monitoring of modern textiles	Textile Conservation Centre, University of Southampton
	T. Skinner, M. Jones		32 10'	Respirometry: a technique to assess the stability of waterlogged archaeological wood and other materials undergoing oxidative degradation	National Museums of Scotland, Edinburgh
	F. Cappitelli, C. Sorlini		33 10'	Microorganisms attack synthetic polymers in Cultural Heritage	Dept. DISTAM, University of Milan
	L. Campanella, C. Costanza		34 10'	Improvement and restoration of paper quality to enhance its storing capacity of documentation	Dept. Of Chemistry, University of Rome "La Sapienza"
	E. Princi, S. Vicini, E. Pedemonte, M. Gaino		35 10'	The use of polymeric materials in the field of paper conservation	Dept. of Chemistry and Industrial Chemistry, University of Genova
15.15 Coffee break			30'		
15.45 Session P	Francesca Cappitelli			Polymers, Wood and Paper Conservation	
	Ji-Dong Gu, Su-Fen Yen		36 10'	Susceptibility of polymeric materials used in artworks to biodeterioration and biodegradation by micro-organisms	University of Hong Kong
	F. Pinzari, M. Montanari		37 10'	Substrate utilization patterns of fungal and bacterial communities in the dust deposits: a method for the evaluation of biodeteriorating potentialities of micro-aeroflora affecting libraries and archival materials	Istituto Centrale per la Patologia del Libro, Rome
	M. Orlandi, L. Zoia, E.L. Tolpa, D. I. Donato, P. Aragozzino		38 10'	In situ polymerization of isoeugenol for the consolidation of waterlogged woods	Dept. of Environmental Sciences, University of Milan Bicocca
	I. Kucerova		39 10'	The study of acrylate consolidant penetration into wood by neutron radiography and Raman spectroscopy	Institute of Chemical Technology, Prague
17.00 End of Conference	Joyce Townsend, Lucia Toniolo and Francesca Cappitelli			Closing Remarks: what future for Conservation Science in Europe?	

May 11th 2007

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