

## LACONA VIII Program

Monday 21.09.2009	
	Professional related activities Museum Tours*
14.00 – 19.30	Conference Registration Desk Opening at <b>The House of Arts</b> , no.2 Piata Mica - Little Square ( <a href="#">map</a> )
	<b>Workshop – Art4Art mobile laboratory</b> demonstration <a href="#">The Evangelical Parrish Church of Sibiu</a> , Piata Huet - Huet Square ( <a href="#">map</a> ) City Tours and sightseeing activities
19.30	The exhibition opening: “ <b>Memories from a journey” A Retrospective of Donors and Donations Typology</b> at House of Arts, no. 2 Piata Mica – Little Square ( <a href="#">map</a> )

Tuesday 22.09.2009	
<b>08.00 – 10.00</b>	<b>Registration</b>
	<b>Opening Ceremony</b> Dr. Sergiu Nistor – <i>Chairman of ICOMOS Romania</i> Dr. Virgil Stefan Nitulescu – <i>Chairman ICOM Romania</i> Prof. Ion Sbîrciu – <i>President – University of Art and Design, Cluj- Napoca</i> Acad. Razvan Theodorescu – <i>Romanian Academy</i> Klaus Johannis – <i>Mayor of Sibiu</i>
<b>10.00 – 11.30</b>	
<b>11.30 – 11.45</b>	<b>Coffee Break</b>
<b>11.45 – 12.00</b>	Roxana Radvan      Visible and Non-Visible Wavelengths for Visible and Concrete Results <i>National Institute for Research and Development in Optoelectronics</i>
<b>12:00 – 12:15</b>	Marta Guttman <i>ASTRA National Museum Complex</i>

### *Plenary lectures, Chair: Meg Abraham*

12.15 – 12.45	PL 1	Marta Castillejo	News with the views on the field of Lacona
<b>12.45 – 14.30</b>	<b>Lunch</b>		
14.30 – 15.00	PL 2	John Asmus	Alfons Mucha, Paul Gauguin, and Art Nouveau
15.00 – 15.30	PL 3	Maurizio Seracini	Leonardo’s Battle of Anghiari in the Hall of the 500 in Palazzo Vecchio (provisory title)
<b>15.30 – 15.50</b>	<b>Coffee break</b>		

**Session A1, Chair: Klaus Dickmann**

	Code	Program	Author	Title
15.50 – 16.20	A1-1	Invited Lecture**	Aurelia Chevalier-Menu	Laser assisted removal of lining glues from easel paintings
16.20 – 16.40	A1-2	Oral Presentation***	Kenneth Gordon Watkins	The Effect of Ultrafast Lasers on Laser Cleaning Mechanism and Practice
16.40 – 17.00	A1-3	Oral Presentation	MohamedOujja	Analysis of wavelength and pulse duration laser effects on tempera paints
17.00 – 17.20	A1-4	Oral Presentation	Wolfgang Kautek	213 nm solid state laser treatment of biogenetical fibrous materials
17.20 – 17.40	A1-5	Oral Presentation	Pouli Paraskevi	The role of the substrate in the laser cleaning process; a study on the laser assisted removal of polymeric consolidation materials from various substrates
17.40 – 18.00	A1-6	Oral Presentation	Jens Hildenhagen	Compact and pulsed fibre laser offers new possibilities for laser cleaning
<b>19.00</b>	<b>Concert</b>			

**Wednesday 23.09.2009**

**Session A2, Chair: Marta Castillejo**

	Code	Program	Author	Title
09.00 – 09.30	A2-1	Invited Lecture	Salvatore Siano	Laser ablation for cleaning, assessing cleaning, and knowledge of artworks
09.30 – 09.50	A2-2	Oral Presentation	John Fredrich Asmus	Decontaminating Pesticide-Exposed Art Museum Collections
09.50 – 10.10	A2-3	Oral Presentation	Abdelrazek Elnaggar	Laser cleaning of burial encrustation and aged protective coating on Egyptian leather objects; optimization of working conditions
10.10 – 10.30	A2-4	Oral Presentation	Andrzej Dajnowski & Andrew Lins	The practical use of lasers in removing deteriorated Incralac coatings from large bronze monuments
10.30 – 10.50	A2-5	Oral Presentation	Johanna Graue Birte	PROCON TT 49: Laser cleaning of ancient Egyptian wall paintings and painted stone surfaces with a backpack fibre laser
10.50 – 11.10	A2-6	Oral Presentation	Panagiota Vounisiou	Laser cleaning of modern paintings; using model probes for the in depth assessment of laser induced modifications

<b>11.10 – 11.30 Coffee Break</b>				
11.30 – 11.50	A2-7	Oral Presentation	Jorg Kruger	The influence of paper type and state of degradation on laser cleaning of artificially soiled paper
11.50 – 12.10	A2-8	Oral Presentation	Bodil Taarnskov	Laser cleaning studies for the removal of sulphide from tarnished silver and gilt silver threads in silk textiles
12.10 – 12.30	A2-9	Oral Presentation	Matija Strlic	Non-destructive characterisation of iron gall ink drawings: not such a galling problem anymore
<b>12.30 – 14.00 Lunch</b>				

**Session A3, Chair: Kenneth Watkins**

14.00 – 14.20	A3-1	Oral Presentation	Robert Sitnik	Thickness of ablation control by structured light method
14.20 – 14.40	A3-2	Oral Presentation	Aldara Pan Cabo	Optimization of laser cleaning procedure at 266 nm: removal of beeswax films from granite facades.
14.40 – 15.00	A3-3	Oral Presentation	Jana Striova	Free running Er:YAG laser cleaning of mural painting specimens treated with paraloid B72, linseed oil and "Beverone"
15.00 – 15.20	A3-4	Oral Presentation	Paola Croveri	From Experimental studies ti applications in conservation field: laser tests on a polychrome wooden work of art (polittico della galleria sabauda)
<b>15.20 – 15.40 Coffee Break</b>				
<b>15.40 Poster Session and Exhibitors' Session</b>				
<b>18.00 Traditional Get-together Dinner (<a href="#">map</a>)</b>				

**Thursday 24.09.2009**

**Session B1, Chair: John Asmus**

	Code	Program	Author	Title
09.00 – 09.30	B1-1	Invited Lecture	Austin Nevin	Laser-based analysis for understanding paintings and painting materials: selected examples and insights
09.30 – 09.50	B1-2	Oral presentation	Piotr Targowski	Absolute LIBS stratigraphy with Optical Coherence Tomography [O2]
09.50 – 10.10	B1-3	Oral presentation	Roger M. Groves	Structural diagnostics of artwork using shearography and terahertz imaging [O4]
10.10 – 10.30	B1-4	Oral	Aldo Romani	Steady-state and time-resolved

		presentation		luminescence spectroscopy for Cultural Heritage in-situ diagnostic [O6]
10.30 – 10.50	B1-5	Oral presentation	Hamada Sadek Kotb	Glazed ceramic analysis by means of LA ICP MS
<b>10.50 – 11.10 Coffee Break</b>				
11.10 – 11.30	B1-6	Oral Presentation	Israel Schechter	Application of Laser Induced Breakdown Spectroscopy to Fast Parchment Characterization
11.30 – 11.50	B1-7	Oral Presentation	Nguyen The Quyen	RAMAN Microscopy for art restoration
11.50 – 12.10	B1-8	Oral Presentation	Valentina Raimondi	Autofluorescence spectral features of heterotrophic biodeteriogens for cultural heritage applications
12.10 – 12.30	B1-9	Oral Presentation	Erin Bernikola	Monitoring of changes due to artificial ageing procedures on canvas model paintings using Digital Holographic Speckle Pattern Interferometry
<b>12.30 – 14.30 Lunch</b>				

**Session B2, Chair: Manfred Schreiner**

14.30 – 15.00	B2-1	Invited Lecture	Kuhn Janssens	
15.00 – 15.20	B2-2	Oral Presentation	Enrico Esposito	Application of LDV based diagnostic techniques and innovative processing software on artworks like ceramics, inlaid wood, oil paintings on canvas and wood
15.20 – 15.40	B2-3	Oral Presentation	Monica Alvarez	Investigating the effects of lightning on cultural heritage: Characterization of the resulting fulgurite
<b>15.40 – 16.00 Coffee Break</b>				
16.00 – 16.20	B2-4	Oral Presentation	Zsuzsanna Marton	Database of complex paint spectra decomposed by robust mathematical methods, for identification of artwork colours
16.20 – 16.40	B2-5	Oral Presentation	Pilar Ortiz	Characterization of historical building materials by means of Laser Induced Breakdown Spectroscopy
16.40 – 17.00	B2-6	Oral Presentation	Roman Ostrowski	Spectroscopic Measurements of Aula Leopoldina Vault

Friday 25.09.2009

**Session C, Chair: Giorgio Bonsanti**

	Code	Program	Author	Title
09.00 – 09.30	C-1	Invited Lecture	Bridget Kenngisser	What can Confocal X-Ray Microscopy do for investigations of art and Cultural Heritage?
09.30 – 09.50	C-2	Oral presentation	Roger M. Groves	Virtual reality visualization of strain data from shearography
09.50 – 10.10	C-3	Oral presentation	Paolo Salonia	Experimentation of new photogrammetric survey systems as non invasive techniques for analysis and monitoring of painting surfaces decay condition.
10.10 – 10.30	C-4	Oral presentation	Baratin Laura	Among knowledge and communication. Systems of scanning 3D and cultural heritage
10.30 – 10.50	C-5	Oral presentation	Magdalena Iwanicka	Through-glass structural examination of Hinterglasmalerei with Optical Coherence Tomography
<b>10.50 – 11.10</b>	<b>Coffee break</b>			
11.10 – 11.30	C-6	Oral presentation	Robert Sitnik	Robotized structured light system for automated 3D documenting of cultural heritage
11.30 – 11.50	C-7	Oral presentation	Roberto Ricci	RGB-ITR: an amplitude-modulated 3D colour laser scanner for cultural heritage applications
11.50 – 12.10	C-8	Oral presentation	Haida Liang	3D imaging of jade carvings with optical coherence tomography
12.10 – 12.30	C-9	Oral presentation	Haida Liang	A hyperspectral remote imaging system in the VIS/NIR and SWIR for wall paintings
12.30 – 12.50	C-10	Oral presentation	Dragos Ene	3D laser reconstructions of Buddhist temple from Ladakh
12.50 – 13.10	C-11	Oral presentation	Laurentiu Angheluta	Editing Protocol for the Digital Mapping of Related Imagistic Investigations
<b>13.10 – 14.30</b>	<b>Lunch</b>			

**Session D, Chair: Wolfgang Kautek**

14.30 – 14.50	D-1	Oral Presentation	Giorgio Bonsanti	The Human Factor
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14.50 – 15.10	D-2	Oral presentation	Marta Guttmann	Designed climate of the new storage facilities in the Open Air Department of ASTRA Museum, Sibiu, Romania
15.10 – 15.30	D-3	Oral presentation	Marina Biccheri	Non-destructive spectroscopies on fragments found in Sana a (Yemen): evidence of different recipes for iron tannic inks
15.30 – 15.50	D-4	Oral presentation	Sebastien Aze	Reversion of darkened red lead-containing wall paintings by means of cw-laser irradiation: In situ tests and first application
15.50 – 16.10	D-5	Oral presentation	Mirosław Wachowiak	Krakov collection of historical paint tubes and palettes identification of materials of 1880-ies oil paintings of Jan Matejko
16.10 – 16.30	D-6	Oral presentation	Ileana Delia Apostol	Innovative Laser Based System and Technologies for In-Situ Cleaning of Painting Artworks project results
<b>16:30</b>	<b>Round Table</b>			<b>Chair: Costas Fotakis</b>
<b>City tours and sightseeing activities</b>				

\* Museum and city tours details will be posted soon.

\*\* Invited lectures should be prepared for maximum 30 minutes (including discussions)

\*\*\* Oral presentations should be prepared for maximum 20 minutes (including discussions)

\*\*\*\* For the well being of the conference and respect for your colleagues participants, the oral presenters are kindly asked to provide their presentation files to the organizers' technical staff in due time in order to have time for run checks and compatibility issues. (best half an hour before the morning session or previous day).