



Italian Association of Archaeometry
Scientific Methods for Cultural Heritage

in collaboration with



University
of Ferrara



Technopole of Ferrara
TekneHub Laboratory



INFN
Ferrara Section

Meeting Science for Contemporary Art

Ferrara, Castello Estense, 1st - 4th March 2011

Day of study and training
Preserving Contemporary Art

Ferrara, IUSS 1391, 28th February 2011

www.fe.infn.it/aiar2011

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Meeting schedule

	Tuesday	Wednesday	Thursday	Friday
	1 th March 2011	2 th March 2011	3 th March 2011	4 th March 2011
		Session 2 Archaeometry of new art forms	Session 3 Materials and artistic techniques	Session 4 Monitoring, maintenance and restoration
9.00		<i>C. Cucci</i>	<i>F. Modugno</i>	<i>V. Pintus</i>
9.20		<i>M. Guiso</i>	<i>M. Sassoli</i>	<i>V. Pellicori</i>
9.40		<i>E. Barzaglia</i>	<i>L. Volpe</i>	<i>F. Tisato</i>
10.00		<i>A. Sodo</i>	<i>T. Fiorini</i>	<i>M. Mattarelli</i>
10.20		<i>C. Pelosi</i>	<i>L. Caforio</i>	<i>G. Pastorelli</i>
10.40		<i>M. Melchiorre Di Crescenzo</i>	<i>V. Donà</i>	<i>R. Olmi</i>
11.00	Welcome and Registration Desk	coffee break	coffee break	coffee break
11.20		<i>B. Ferriani, F. C. Izzo</i>	<i>A. M. Silva</i>	<i>M. Jaxa-Chamiec</i>
11.40		<i>G. Cavallo</i>	<i>A. Otmarová</i>	<i>A. Colombo</i>
12.00		<i>M. Guiso</i>	<i>M. T. Doménech-Carbó</i>	<i>K. Ulrich</i>
12.20		<i>F. Toja</i>	<i>P. Schossler</i>	<i>A. Lattuati-Derieux</i>
12.40		<i>L. Ruffoni</i>	Discussion	Discussion
13.00		Lunch	Lunch	Lunch
14.30	Opening Cerimony	Poster Session	Guided Tour to "Casa Museo Remo Brindisi" Lido di Spina	End of the Meeting
	Opening session			
15.15	<i>Thea van Oosten</i>			
16.00	coffee break	coffee break		
16.30	<i>M.P. Colombini</i>	Meeting of members and Elections of Officers association		
17.00	<i>C. Cucci</i>			
	Session 1 Diagnostics and conservation of contemporary architecture			
17.30	<i>G. Jean</i>			
17.50	Session 2 Archaeometry of new art forms			
	<i>P. Ricciardi</i>			
20.30		Social Dinner		

Meeting program

Tuesday 1st March 2011

11.00 WELCOME AND REGISTRATION DESK
Castello Estense, Largo castello, Ferrara

14.30 **OPENING CERIMONY**
Castello Estense, Largo castello, Ferrara

OPENING SESSION

Plastics in Modern and Contemporary Art: new materials and new approaches.
T. van Oosten, ICN, Amsterdam

16.00 COFFEE BREAK

16.30 Preventive conservation of contemporary art: the COPAC Regional Research Project – Tuscany
M. P. Colombini, V. Barone, M. Picollo

**Measurement, effect assessment and mitigation of pollutant impact on movable cultural assets
innovative research for market transfer**

I. Bonaduce, M. P. Colombini, M. Odlyha, M. Scharff, E. Dalin, T. Grøtoft, S. Lopez-Aparicio, D. Thickett, G. Andrade López, A. Tabuenca García, A. Ortega, S. Hackney, J. Townsend

17.00 The european project "POPART": strategy for the Preservation Of Plastic ARTEfacts in museum collections.

B. Lavédrine, A. Fournier, A. Lattuati-Derieux, E. Pellizzi, M. Bacci, C. Cucci, M. Picollo, R. Olmi, G. Barabant, N. Balcar, C. Bollard, S. Ramel, T. van Oosten, A. Lagana, H. van Keulen, G. Martin, B. Keneghan, Y. Shashoua, K. Segel, M. Strlic, G. Pastorelli, J. Kolar, M. Sala, J. Rychly, L. Rychla, M. Malikova; G. Chaumat, K. Tran, J. M. Dekkers, S. Waanders, T. Learner, R. Rivenc, M. Schilling.

The TDT-BioART project: innovative techniques for the diagnostics and treatment of biodeteriogens in artistic and archaeological assets

Andreotti, M. Bini, A. Cecchi, G. Cecchi, M. P. Colombini, C. Cucci, O. Cuzman, C. Fornacelli, M. Galeotti, F. Gambineri, A. Ignesti, D. Lognoli, R. Olmi, L. Palombi, S. Penoni, M. Picollo, D. Pinna, S. Priori, V. Raimondi, C. Riminesi, P. Tiano, G. Valentini.

SESSION 1 – DIAGNOSTIC AND CONSERVATION OF CONTEMPORARY ARCHITECTURE

17.30 Diagnostica per le architetture del XX secolo.
G. Jean

SESSION 2 – ARCHAEOOMETRY OF NEW ART FORMS

17.50 Mark Rothko's early works on paper: identification and mapping of materials by means of luminescence and reflectance imaging spectroscopy and other *in situ* techniques.
J. Delaney, P. Ricciardi, M. Thoury, K. Morales, M. Palmer, A. Wilker, L. Lee.

Wednesday 2th March 2011

SESSION 2 – ARCHAEOOMETRY OF NEW ART FORMS

- 9.00 Spettroscopia ottica non-invasiva per l'analisi di materiali plastici nell'arte contemporanea: il caso del polistirolo nell'opera "Cartoline" di Stefano Arienti.
C. Cucci, M. Bacci, L. Bigazzi, M. Picollo
- 9.20 Indagini diagnostiche per il restauro dell'opera di Giulio Turcato "Superficie lunare" (Composizione) 1965.
D. Capitani, D. Ferro, M. Guiso, R. Tomassini, M. Tortora, B. Cisternino, L. Tozzi
- 9.40 Studio non invasivo di Tsuba giapponesi con diffrattometria neutronica XRF e SEM.
E. Barzagli, F. Grazzi, F. Civita, A. Scherillo, M. Zoppi, A. Agostino, A. Fossati, A. Benzonelli
- 10.00 Studio dei processi di degradazione di materiali impiegati nell'arte contemporanea: gli inchiostri dei pennarelli.
A. Sodo, M. Bicchieri, G. Piantanida, M. A. Ricci, G. Ricci.
- 10.20 I murales del "Paese dipinto", Calvi dell'Umbria (TR). Studio dei materiali costitutivi e problemi conservativi.
P. Baraldi, E. Della Monica, C. Pelosi.
- 10.40 Opere murali del XXI secolo: materiali e tecniche a confronto.
M. Melchiorre Di Crescenzo, E. Zendri, B. Gambato.
- 11.00 COFFEE BREAK
- 11.20 Gli Olii di Lucio Fontana: nuovi approfondimenti sulla tecnica pittorica.
B. Ferriani, F. C. Izzo, G. Biscontin, E. Zendri, K. J. van den Berg, H. van Keulen.
- 11.40 Studio delle opere pittoriche di Filippo Franzoni.
G. Cavallo, F. Piquè, R. Carazzetti, E. Cattori.
- 12.00 Indagini diagnostiche sull'opera di Hans Hartung T 1956-19.
M. Colapietro, D. Ferro, M. Guiso, C. Polese, Y. Praticò, M. Tortora, L. Tozzi.
- 12.20 Indagini multispettrali per la diagnostica non invasiva degli oggetti di design industriale.
F. Toja, D. Comelli, A. Nevin, A. Brambilla, M. Levi, L. Toniolo.
- 12.40 La Casa Museo Remo Brindisi a Lido di Spina
L. Ruffoni
- 13.00 LUNCH
- 14.30 POSTER SESSION
- 16.00 COFFEE BREAK
- 16.30 MEETING OF MEMBERS AND
ELECTIONS OF OFFICERS ASSOCIATION
- 20.30 SOCIAL DINNER

Thursday 3th March 2011

SESSION 3 – MATERIALS AND ARTISTIC TECHNIQUES

- 9.00 **Caratterizzazione di materiali pittorici sintetici mediante DEMS e PY-GC/MS.**
S. Orsini, J. Lucejko, F. Modugno, I. Bonaduce, M. P. Colombini.
- 9.20 **Caratterizzazione spettroscopica dei pastelli di Giorgio Kienerk.**
S. Bracci, M. Picollo, A. Salvini, M. Sassoli, M. Vervat.
- 9.40 **Indagini diagnostiche e caratterizzazione di tecniche artistiche di opere di arte moderna e contemporanea.**
S. Bruni, G. Maino, E. Marrocchino, C. Vaccaro, L. Volpe.
- 10.00 **Analisi su materiali e tecniche di alcuni dipinti della Galleria Poletti.**
T. Fiorini, P. Baraldi, P. Zannini.
- 10.20 **È possibile datare l'arte contemporanea con il ¹⁴C?**
L. Caforio, M. Fedi, F. Petrucci.
- 10.40 **A survey on the production technology of the Liberty tiles of the Hungaria Hotel by scanning electron microscopy and EBSD analyses.**
V. Donà, M. Favaro, A. Gambirasi, S. Bianchin, L. Nodari, U. Russo, G. Salviulo.
- 11.00 **COFFEE BREAK**
- 11.20 **La tavolozza pittorica di Columbano Bordalo-Pinheiro (1857-1929): studio dei suoi colori in tubetto.**
A. M. Silva, D. Ramirez Sanches, C. Montagner, M. João Melo, M. Vilarigues, M. Picollo.
- 11.40 **Caratterizzazione di oggetti di interesse museale in celluloide.**
A. Otmarová, D. Caretti, F. Modugno, J. Lucejko.
- 12.00 **Comparative study of water and some aqueous gelled systems in the mechanical properties of waterborne acrylic paint films.**
M. F. Silva, M. T. Doménech-Carbó, L. Fuster-López, M. F. Mecklenburg.
- 12.20 **Polymers used as art materials as a source of volatile and semi volatile organic compounds (VOCs/SVOCs) in the environment of cultural institutions.**
P. Schossler, T. Salthammer, M. Bahadir.
- 12.40 **DISCUSSION**
- 13.00 **LUNCH**
- 14.30 **GUIDED TOUR TO "CASA MUSEO REMO BRINDISI", LIDO DI SPINA, FERRARA**

Friday 4th March 2011

SESSION 4 – MONITORING, MAINTENANCE AND RESTORATION

- 9.00 Ageing studies of modern paint materials by Double Shot Technique of Py-GC/MS.
V. Pintus, S. Wei, M. Schreiner.
- 9.20 Spettroscopia per Immagini per la conservazione e la diagnostica di materiali pittorici contemporanei.
F. Albertin, L. Boselli, E. Peccenini, V. Pellicori, F. Petrucci, F. Tisato.
- 9.40 Open studio sulle semilunette della Galleria Vittorio Emanuele II conservate alla Galleria d'Arte Moderna di Milano.
I. Marelli, M. Fratelli, C. Salsi, M. Carozzi, D. Fazzari, V. Fossati, M. Fuggini, D. Morosi, D. Riggiardi, A. Splendore, A. Tibiletti, A. Traversi, G. Albanese, A. Leo, P. Cremonesi, A. Finozzi, D. Riggiardi, E. Signorini, A. Tumminello, S. Volpin, M. R. Massafra, M. Romanò, M. Bacci, M. Picollo, F. Petrucci, E. Tisato.
- 10.00 De Pisis a Cortina: uno studio storico e conservativo su opere della Collezione Rimoldi.
A. Bosetti, A. de Bigontina, S. Gialanella, M. Mattarelli, M. Mattia, G. Nicoletti, S. Volpin
- 10.20 Degradation of synthetic materials exposed to different environmental conditions.
G. Pastorelli, M. Strlič
- 10.40 Monitoring the degradation of plastic artifacts by dielectric spectroscopy.
R. Olmi, C. Cucci, S. Pieri, S. Priori.
- 11.00 COFFEE BREAK
- 11.20 AQUAZOL 500. Una possibile alternativa "ecompatibile" alla colla animale nella preparazione degli stucchi per il restauro dei dipinti. Test preliminari per la stabilità, lavorabilità e i comportamenti.
R. Calore, L. Frizza, M. Jaxa-Chamiec, L. Rizzonelli, N. Stevanato, F. Tisato.
- 11.40 Le nanotecnologie a supporto della conservazione e restauro dell'arte contemporanea.
A. Colombo, R. Simonutti, C. Beccaria, V. Mombrini.
- 12.00 Study of the absorption and diffusion of water with different salt concentrations in artists' acrylic paints by noninvasive unilateral NMR.
K. Ulrich, S. A. Centeno, J. Arslanoglu, E. Del Federico.
- 12.20 Assessment of the degradation of polyurethane foams after artificial and natural ageing.
A. Lattuati-Derieux, E. Pellizzi, Thao-Heu, B. Lavédrine.
- 12.40 DISCUSSION
- 13.00 LUNCH
- 14.30 END OF THE MEETING

Instructions for Authors

Each **oral** presentation has allowed **20 minutes, including time for discussion**. In support of oral presentations will be available a projector and a PC for PowerPoint presentations (Windows XP).

The **posters** will be displayed from **11:30 am on March, 1st and no later than 2 pm on March, 2nd**. They'll be maintained until the end of the Congress, on March, 4th at 2:30 pm. They must be placed by the authors according to the number assigned and their size should be 70 cm x 100 cm.

The panels are made of metal and the posters will be fixed using clips or cable tie, therefore we recommend plastic-coated posters.

CONFERENCE REGISTRATION FEES

Ordinary fee	€ 200,00
AIAr member* fee	€ 160,00
AIAr junior member* fee	€ 120,00
Student fee	€ 150,00
Daily fee	€ 50,00 (€ 40,00 AIAr members)
Social dinner	€ 50,00

* complying with the payment of membership dues

The registration fee to the whole Meeting includes, in addition to free access to sessions, the volume of abstracts, the welcome cocktail, coffee breaks and lunches. The fee does not include the volume of Proceedings, which will be published later.

The daily fee includes only access to sessions.

Registration is required for at least one author for each work.

Online registration is available on the website of the conference:

<http://www.fe.infn.it/aiar2011>

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