



2015  
Anno della Cultura Italiana in America Latina

## SCIENCE AND INNOVATION FOR THE STUDY AND CONSERVATION OF WORKS OF ART

December 1-2, 2015  
Buenos Aires, UNSAM Exhibition Centre

December 4-5, 2015  
Rio de Janeiro, National Historic Museum

Organized by

**CNR**

National Research Council of Italy



**IPERION CH**

Integrated Platform for the European Research  
on Cultural Heritage



In collaboration with

**Ambasciata d'Italia in Argentina  
UNSAM-Buenos Aires**

**Ambasciata d'Italia in Brasile  
UFMG-Belo Horizonte**

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- M. L. de Oliveira Soares (UFRJ, Rio de Janeiro)
- L.A. Souza (UFMG, Belo Horizonte).

# Buenos Aires December 1<sup>st</sup>, 2015

## 9,00-10,00 Welcome and introduction

*Chairperson: L. Godart*

10,00-10,30 Luigi Ambrosio (Direttore CNR-DSCTM): "Advanced materials for conservation and preservation of cultural heritage"

10,30-11,00 Maria Perla Colombini (CNR-ICVBC, Firenze): "Identification of organics in modern and contemporary paintings"

## 11,00-11,30 Coffee Break

*Chairperson: G. Castro*

11,30-12,00 Rocco Mazzeo (Bologna University): "Advanced molecular spectroscopy for the study and conservation of cultural heritage"

12,00-12,30 Marta Maier (UBA): "New insights into Andean mural paintings"

12,30-13,00 Fernando Marte (UNSAM), Marcos Tascon (UNSAM): "Charcoal and pigments. Study of rock art at Sierra de Ancasti, Catamarca"

## 13,00-15,00 Lunch break

*Chairperson: C. Frosinini*

15,00-15,30 Enrico Brugnoli (Direttore CNR-DTA): - "Applications of remote sensing methodologies to study cultural heritage"

15,30-16,00 Roberto Scopigno (CNR-ISTI, Pisa): "Digital technologies for visual documentation and presentation"

16,00-16,30 Roberta Fantoni (ENEA UTAPRAD, C.R. Frascati): "Applications of ionizing and non-ionizing and enabling technologies to cultural heritage"

16,30-17,00 Brunetto G. Brunetti (University of Perugia): "Advances and perspectives in non-invasive techniques"

## 17,00-17,30 Coffee Break

*Chairperson: J. Kenny*

17,30-18,00 Claudia Barra (Uruguay): "Primer análisis material de la técnica pictórica de Juan Manuel Blanes: el juramento de los 33 orientales"

18,00-18,30 Federico Eisner (Chile): "Cristalización de sales de nitratos en una pintura mural contemporánea"

18,30-19,00 Ulderico Santamaria (Tuscia University, Laboratorio Diagnostica Musei Vaticani), Eliana Costa (Tuscia University): "Experimental evaluation of green materials for consolidation and adhesion of deteriorated surfaces of works of art"

# Buenos Aires December 2<sup>nd</sup>, 2015

*Chairperson: A. Rava*

9,30-10,00 Nicola Masini (CNR-IBAM, Potenza): "New approaches and technologies for conservation of archaeological and architectural heritage"

10,00-10,30 Franco Palla (Univ. Palermo): "Biotechnology: innovative contribution to the conservation and restoration of cultural assets"

10,30-11,00 Roberto Bellucci (OPD, Firenze): "The importance of digital documentation in the conservation of historical heritage"

## **11,00-11,30 Coffee Break**

*Chairperson: A. Gattone*

11,30-12,00 Michele Gironda (XGLab): "Introducing a really portable XRF mapping: challenges and applications"

12,00-12,30 Damasia Gallegos (UNSAM), Fernando Marte (UNSAM): "Estudios científicos en pintura mural argentina, los murales Ejercicio Plástico y Lunetas de las Galerías Pacífico"

12,30-13,00 Tomás Aguayo (CNCR, Chile): "Desde el arte rupestre a la pintura de caballete: alcances de una metodología analítica en común"

13,00-13,30 Giulia Murace (UNSAM), Laura Malosetti Costa (UNSAM): "Indicios de un arte efímero en la Roma de entresiglos. El archivo Pío Collivadino"

## **13,30-15,00 Lunch Break**

*Chairperson: F. Taccetti*

15,00-15,30 Franco Niccolucci (PIN, Firenze): "The digital component of research infrastructures for cultural heritage"

15,30-16,00 Riccardo Pozzo (Direttore CNR-DSU): "Cultural innovation for social inclusion"

16,00-16,30 Nestor Barrio (UNSAM): "Envejecimiento y sugestión. Pautas para la restauración"

16,30-17,00 Débora Busch (FADU-UBA / Escuela de Arq. y Estudios Urbanos - U.T.D.T): "Estudio histórico y propuestas para el proyecto preliminar de la puesta en valor del ex-convento de Santa Maria dei Raccomandati de L'Aquila (Italia)"

## **17-17.30 Coffee Break**

17.30-19.00

### **Round table**

**"Italy-Latin America collaborations: present status and perspectives"**

*Coordinator: A. Sgamellotti*

*Participants: Italy: L. Ambrosio, M. Ciatti, J. Kenny, C. Sabbioni;*

*Argentina: N. Barrio, A. Gattone, F. Marte, A. Menvielle.*

# Rio de Janeiro December 4<sup>th</sup>, 2015

## 9,00-10,00 Welcome and introduction

*Chairperson: M.P. Colombini*

10,00-10,30 Louis Godart (Consigliere Presidenza della Repubblica per la Conservazione): "The Palace of Quirinale between study and conservation. A new history"

10,30-11,00 Cristina Sabbioni (CNR-ISAC Bologna): "Environmental impact on cultural heritage"

## 11,00-11,30 Coffee Break

*Chairperson: G. Caneva*

11,30-12,00 Elena Biondi (Venaria Reale, Torino): "Approaches for the acquisition, retrieval, and analysis of cultural heritage: computer-assisted solutions in conservation science and dissemination practices"

12,00-12,30 Patricia Schlosser (LACICOR-CECOR, Federal University of Minas Gerais): "Understanding the instability of (semi)synthetic polymers by material analyses: application to conservation of plastic objects in collections"

12,30-13,00 Thiago Puglieri (Federal University of Pelotas): "Metal corrosion investigated by Raman microscopy: the case of Pb-based objects degraded by volatile organic compounds"

## 13,00-15,00 Lunch Break

*Chairperson: R. Scopigno*

15,00-15,30 Marco Ciatti (OPD, Firenze): "Conservation between Science and Art. The OPD experience"

15,30-16,00 Piero Baglioni (Univ. Firenze): "Methods and materials for conservation of cultural heritage"

16,00-16,30 Tommaso Frizzi (XGLab): "XGLab's non-invasive and portable analytical tools for cultural heritage"

16,30-17,00 Giulia Caneva (Univ. Roma Tre): "Biology for cultural heritage: contributions to knowledge, conservation and promotion"

## 17,00-17,30 Coffee Break

*Chairperson: H. Farias*

17,30-18,00 Mattia Patti (Univ. Pisa): "Planning and Futurism. Underdrawings and composition changes in the paintings of Italian Futurism"

18,00-18,30 Alessandra Rosado (LACICOR-CECOR, Federal University of Minas Gerais): "Concrete art in Brazil - The material of form: industrialism and the Latin American Avant-garde"

18,30-19,00 Edson Motta Jr. (Federal University of Rio de Janeiro): "Colorimetric evaluation of a group of varnishes used in arts and conservation"

# Rio de Janeiro December 5<sup>th</sup>, 2015

*Chairperson: B.G. Brunetti*

9,30-10,00 Cecilia Frosinini (OPD, Firenze): "Art historian: the profile and professional contributions in cultural heritage diagnostics"

10,00-10,30 Oscar Chiantore (Univ. Torino): "Polymers for art conservation"

10,30-11,00 Antonio Rava (Venaria Reale, Torino): "Researches and restorations of contemporary works of art"

## **11,00-11,30 Coffee Break**

*Chairperson: J.C. Portinari*

11,30-12,00 Luca Pezzati (CNR-INO, Firenze): "European Research Infrastructures for heritage science"

12,00-12,30 Yacy-Ara Froner (UFMG, CAPES Post-Doctoral Fellow - ICCROM): "Historical demands: The foundations of conservation science and training in conservation"

12,30-13,00 Luiz Souza (LACICOR-CECOR, Federal University of Minas Gerais): "Present situation and future needs: science and technology for the study and preservation of cultural heritage in Brazil"

13,00-13,30 Márcia Rizzuto (Department of Nuclear Physics, University of São Paulo): "Innovations of the São Paulo Applied Physics Group to study historical and cultural heritage objects and the partnership work with the University Museums"

## **13,30-15,00 Lunch Break**

*Chairperson: R. Fantoni*

15,00-15,30 Francesco Taccetti (INFN, Firenze): "The network of the Italian National Institute of Nuclear Physics for cultural heritage"

15,30-16,00 Vania Virgili (CNR, Consigliere MiBACT): "Culture in the European funding programmes. Creativity and innovation for jobs and growth"

16,00-16,30 Douglas Galante (Brazilian Synchrotron Light Laboratory): "Brazilian Synchrotron Light Laboratory: present and future applications for the study and preservation of ancient materials"

16,30-17,00 Carlos Roberto Appoloni (LFNA, State University of Londrina): "Nuclear atomic and molecular methodologies applied to the study of cultural heritage in Brazil"

## **17,00-17,30 Coffee Break**

17.30-19.00

### **Round table**

#### **"Italy-Latin America collaborations: present status and perspectives"**

*Coordinator: A. Sgamellotti*

*Participants: Italy: P. Baglioni, O. Chiantore, R. Mazzeo, L. Pezzati;*

*Brazil: Y. Froner, M. Rizzuto, M. L. Soares, L. Souza.*