

Modena November 7<sup>th</sup> 2015 h 9.00 - 13.30

**Lisa Brancaleoni, Marco Bertolini, Susanna Bertelli, Fabrizio Negrini, Roberta Pancaldi, Paolo Lenisa, Renato Gerdol, Ursula Hohenstein Thun**

Università di Ferrara, Sistema Museale di Ateneo

*SMA: where science guides to the future: the scientific education at museums and the school careers*

**Chiara Invernizzi, Alessandro Blasetti, Maria Luisa Magnoni, Roberta Tacchi, Giuseppe Crocetti**

Università di Camerino, Sistema Museale di Ateneo

*SMA Università di Camerino. Educational strategies and ongoing guidance to science: a bridge with high schools*

**Patrizia Scandurra, Elena Giacobino**

Museo Regionale di Scienze Naturali di Torino

*School in museums: between telling and doing science. Educational project for the spread of scientific learning and experimental investigation*

**Coffee Break**

**Francesca Corradi**

Università di Pisa, Sistema Museale di Ateneo

*At the museum ... not just words! Paths of accessibility museum for special public to know the Museum System of the University of Pisa*

**Chiara Tarantino**

Università di Pisa, Dipartimento di civiltà e forme del sapere

*At the museum in order to experience, think critically and choose. Training and guidance programs for high school students at the Gipsoteca di Arte Antica of the University of Pisa*

**Silvia Chicchi**

Musei Civici di Reggio Emilia

*An approach to the scientific method through the mediation of the greats of the past. Two examples in the educational activities of the Civic Museum of Reggio Emilia*

**Federica Collorafi**

Archivista collaboratrice esterna Università di Modena e Reggio Emilia

*A museum in the archive or an archive for the museum. Documentary sources and preconditions for the studies and museum installations*

**Conclusions**

**Lunch Break**

*The aim of the international seminar is to promote the research and the experimentation of new methodologies for an efficient didactics of science and history of science, with a particular attention to the use of new technologies, so as to improve the awareness among primary and secondary students about the importance of science and technology in everyday life and for the sustainable development of the society.*

*The seminar will confront different experiences at international level with those put into practice by the Italian network of University Museums (constituted in 2013 thanks to a funding from the Ministry of University and Research and enlarged in 2014 – [www.pomui.unimore.it](http://www.pomui.unimore.it)).*

*The museums of the network, bearing witnesses of the development of the different disciplines, have the possibility to work proficiently to reconnect the specimens of their collection to the specific contexts of use, giving valuable information to a wide public about how science progressed during the last centuries. The permanent guidance to scientific method and culture can therefore be considered one among the most significant social role of University Museums, which can be fulfilled through the conception of formative paths, on-site and virtual visits, laboratories.*

The seminar is included in the activities planned for the European Academic Heritage Day promoted by Universeum, The European Academic Heritage Network

**Organisational and scientific coordination**

University of Modena and Reggio Emilia

Prof.ssa Elena Corradini

Organisational secretary

Dr. Claudio Cadei; Dr. Giada Gatto

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**Financial support**

FONDAZIONE CASSA DI RISPARMIO DI MODENA

UNIMORE  
UNIVERSITÀ DEGLI STUDI DI  
MODENA E REGGIO EMILIA



UMAC  
University Museums  
and Collections



# University Museums for life-long guidance to the scientific method and culture

## International Seminar

### November 6<sup>th</sup> - 7<sup>th</sup> 2015

Palazzo del Rettorato  
Aula Magna  
Modena - Via Università, 4

University of Modena and Reggio Emilia



FONDAZIONE  
Cassa di Risparmio di Modena

**Modena November 6<sup>th</sup> 2015 h 9.00 -13.30**

### **Introduction**

#### **Angelo Oreste Andrisano**

Rettore Università di Modena e Reggio Emilia

#### **Antonio Scinicariello**

Dirigente Ministero dell'Istruzione, dell'Università e della Ricerca

#### **Andrea Capelli**

Soprintendente supplente per le Belle Arti e il Paesaggio per le province di Bologna, Modena, Reggio Emilia e Ferrara

#### **Alessandro Capra**

Direttore Dipartimento di Ingegneria "Enzo Ferrari"  
Università di Modena e Reggio Emilia

#### **Luigi Rovati**

Vice Direttore Dipartimento di Ingegneria "Enzo Ferrari"  
Università di Modena e Reggio Emilia

#### **Gianpietro Cavazza**

Assessore alla Cultura, Rapporti con Università, Scuola - Vice Sindaco

#### **Hugues Dreyssé**

Presidente UMAC - ICOM, University Museums and Collections  
International Committee, Université de Strasbourg

#### **Fausto Barbagli**

Presidente ANMS - Associazione Nazionale Musei Scientifici  
Università di Firenze

#### **Roberta Gelmini**

Delegata del Rettore per l'orientamento e il tutorato  
Università di Modena e Reggio Emilia

#### **Paolo Grasso, Alessandra Lopez**

Direzione Servizi agli studenti  
Università di Modena e Reggio Emilia

#### **Elena Corradini**

Delegata del Rettore per la Rete dei Musei Universitari  
Vice-presidente ICOM-UMAC, University Museums and Collections  
International Committee, Università di Modena e Reggio Emilia

#### **Luigi Campanella**

Università "La Sapienza" di Roma

**Coffee Break**

### **Relations**

#### **Hugues Dreyssé**

Presidente UMAC - ICOM, Université de Strasbourg  
*The chance for a Museum to be inside a University  
to raise awareness among young people*

#### **Isabel M. García Fernández**

Universidad Complutense de Madrid  
*Academic Heritage as essential tool for the  
development of future scientific careers*

#### **Nathalie Nyst**

Université Libre de Bruxelles  
*From University to schools: two experimentariums (Chemistry  
and Physics) to attract future students in ULB, Brussels*

### **Lunch Break**

**Modena November 6<sup>th</sup> 2015 h 15.00 - 19.30**

### **Relations**

#### **Elena Corradini, Claudio Cadei, Giada Gatto**

Università di Modena e Reggio Emilia  
*Introducing the University Museums network web portal*

#### **Luigi Campanella**

Università "La Sapienza" di Roma  
*The University Museums for the guidance to the  
scientific method and culture. The contribution of  
the Polo Museale Sapienza, Roma*

#### **Ruggero Francescangeli, Augusto Garuccio**

Università degli Studi di Bari Aldo Moro, C.I.S.M.U.S.  
*New technologies in the educational-communicative field*

#### **Sergio Gentili, Angelo Barili, Raffaele Barocco, Carlo Cavalletti, Marco Maovaz, Emanuela Ughi**

Università di Perugia, Centro di Ateneo per i Musei Scientifici  
*Museums, Botanical Garden, collections, research and...  
guidance! Method and scientific culture in the collections of the  
University of Perugia for the purpose of continuous guidance*

#### **Alessia Fazio, Luigi Capasso, Antonietta Di Fabrizio, Jacopo Cilli, Maria Del Cimmuto, Mariangela Sciubba**

Università di Chieti, Museo Universitario di Chieti  
*Orientation in the University Museum "G. D'Annunzio" of  
Chieti-Pescara*

#### **Giovanni Petrillo, Anna Maria Cardinale**

Università di Genova  
*Chemistry and Art at the Museum: a winning marriage!*

#### **Elisabetta De Minicis, Vera Anelli**

Università della Tuscia, Sistema Museale di Ateneo  
*The collections of Museums System of Tuscia University  
arrive to school. The realization of an interdisciplinary  
laboratory*

#### **Laura Stagno, Lauro Magnani**

Università di Genova  
*The University of Genoa's Artistic and Architectural  
Heritage as a tool for student guidance*

#### **Giorgio Giacomo Mellerio, Gabriele Albanesi, Lidia Falomo Bernarduzzi**

Università di Pavia, Sistema Museale di Ateneo  
*Starting from Kindergarten to University: the approach  
of Pavia University Museum System*

#### **Maurizio Salvarani, Luca Malagoli**

Museo della Bilancia, Campogalliano  
*No science without measure. Historical collections and  
everyday experiences put to use in science education as  
an instrument of active citizenship*

#### **Margherita Sani**

Istituto per i beni artistici culturali e naturali della Regione  
Emilia Romagna  
*Stimulating innovation and creativity: the Creative  
Museum Project*

**Modena November 7<sup>th</sup> 2015 h 9.00 - 13.30**

### **Introduction**

#### **Sergio Ferrari**

Pro Rettore Università di Modena e Reggio Emilia

### **Relations**

#### **Cynthia Pless, Simona Assirelli, Michele Pola**

Università di Modena e Reggio Emilia  
*University Museum and Academic Libraries: la belle-alliance*

#### **Filippo Ceccolini, Sylvia Di Marco, Emanuele Paggetti, Annalisa Paglianti, Lucia Pizzocarò, Francesca Bigoni**

Università di Firenze, Museo di Storia Naturale, Associazione  
Culturale Tethys, Firenze  
*Didactic strategies of the Museum of Natural History in  
Florence for high school students*

#### **Marina Gorreri**

Università di Parma, Sistema Museale di Ateneo  
*"Parma musei": the app of the University of Parma  
Museums for spreading culture and science*