



ACCADEMIA NAZIONALE  
DEI LINCEI



Accademia Nazionale dei Lincei  
Parco Archeologico del Colosseo  
Rome, 5<sup>th</sup> October 2022

P·AR·C

PARCO ARCHEOLOGICO  
DEL COLOSSEO

## Accademia Nazionale dei Lincei

### Palazzo Corsini

9:30-10:00 **Welcome and introduction** R. Antonelli - A. Sgamellotti  
(Accademia Nazionale dei Lincei, Rome, Italy)

## Session 1

### Egyptian Blue: the origins

Chairperson: M. Leona (The Metropolitan Museum of Arts, New York, NY, USA)

10:00-10:20 C. Greco (Museo Egizio, Turin, Italy): **Egyptian Blue: a short history.**

10:20-10:40 C. Rescigno (Accademia Nazionale dei Lincei, Rome, Italy): **Egyptian Blue in antiquity**

## 10:40-11:00 COFFEE BREAK

## Session 2

### Seeing the unseen: means and modes of Egyptian Blue detection

Chairperson: L. Appolonia (SUSCOR, Università degli Studi di Torino, Turin, Italy)

11:00-11:20 G. Verri (The Art Institute of Chicago, Chicago, IL, USA): **Visible Induced Luminescence (VIL): the role of excitation sources and capture parameters**

11:20-11:40 G. Chiari (The Getty Conservation Institute, Los Angeles CA, USA): **VIL images in different settings: indoor, outdoor, polished sections, and punctual mode**

11:40-12:00 D. Comelli (Politecnico di Milano, Milan, Italy):  
**Time-resolved photoluminescence of Egyptian Blue**

## Voices from the BLUENET community...

Chairperson: A. Sgamellotti (Accademia Nazionale dei Lincei, Rome, Italy)

12:00-12:10 A. Consonni (Museo Archeologico Nazionale di Firenze, Florence, Italy): **New perspectives in studying Egyptian blue at the National Archaeological Museum of Florence-“Egyptian Museum”**

12:10-12:20 F.P. Romano (ISPC-CNR, National Research Council, Italy): **Egyptian Blue investigation in Egyptian polychromy by using the simultaneous MA-XRF/MA-XRD imaging**

12:20-12:30 G. Dardeniz Arian (University of Istanbul): **Egyptian Blue or Urartian Blue: looking for possible local production in the 1<sup>st</sup> BC eastern Anatolia**

12:30-12:40 S. Pannuzi (MIC, Istituto Centrale per il Restauro, Rome, Italy): **Rome, via Ostiensis Necropolis: use of Egyptian Blue in the funerary buildings in the imperial age. Technique, decorative applications, chronology**

12:40- 12:50 P.Tomassini (École Française de Rome, Italy): **Looking for Egyptian Blue: use and practice of a pigment during five centuries of Ostian wall paintings**

12:50-13:00 C.Barandoni (Museo Archeologico Nazionale di Napoli, Naples, Italy): **Traces of Egyptian Blue, found on the bust of Jupiter from the homonymous temple in Pompeii. Preliminary report**

## 13:00-14:00 LUNCH

## 14:00-14:30 Villa Farnesina guided tour

## Parco Archeologico del Colosseo

### Curia Iulia

15:30-15:40 **Welcome** A. Russo (Parco Archeologico del Colosseo, Rome, Italy)

## Session 3

### Production and diffusion within the Mediterranean basin

Chairperson: G. Zuchtriegel (Parco Archeologico di Pompei, Italy)

15:40-16:00 A. Kostomitsopoulou Marketou, (MF Norwegian School of Theology, Religion, and Society, Oslo, Norway): **Making Egyptian Blue: Archaeological, literary, and archaeometric evidence of production sites**

16:00-16:20 C. Brøns, (NY Carlsberg Glyptotek, Copenhagen, Denmark): **Not just any blue: the selective use of Egyptian Blue in Roman Palmyra**

16:20-16:40 A. Masic, (MIT, Cambridge, MA, USA): **On the production of ancient Egyptian Blue: multi-modal characterization and micron-scale luminescence mapping**

## 16:40-17:00 COFFEE BREAK

### Session 4

#### New Perspectives

Chairperson: A. Zuccari (Accademia Nazionale dei Lincei, Rome, Italy)

17:00-17:20 A. Rodler (Austrian Archaeological Institute, Austrian Academy of Sciences, Vienna, Austria): **The provenance of Egyptian Blue: recent advances and future directions**

17:20-17:40 M. Aceto (Università degli Studi del Piemonte Orientale, Vercelli, Italy): **From Castelseprio to illuminated manuscripts: evidence of non-traditional manufacture**

17:40-18:00 G. Selvaggio (Ruhr University Bochum, Germany) **Ancient pigments for novel technologies: Nanosheets for biophotonics**

18:00-18:20 M. Nicola (Università degli Studi di Torino, Turin, Italy): **The ancient pigments Egyptian Blue, Chinese Blue, and related two-dimensional silicates: from Antiquity to Future Technologies**

### Voices from the BLUENET community...

Chairperson: F. Boldrighini (Parco Archeologico del Colosseo, Rome, Italy)

18:20-18:30 G. Cavallo (Scuola Universitaria Professionale della Svizzera Italiana, Lugano, Switzerland): **Egyptian Blue in Carolingian wall paintings. Preliminary scientific data and future perspectives”**

18:30-18:40 L. Villa (Foundation Pro Convent of St. John, Müstair, Switzerland): **The role of Egyptian Blue in early medieval wall paintings: Insights from the cases of Müstair (Val Müstair, Switzerland) and Malles (Val Venosta, Italy)**

18:40-18:50 G. de Vivo (Rijksmuseum, Amsterdam, The Netherlands): **Some new results on Garofalo’s use of Egyptian Blue in the Rijksmuseum “Adorazione dei Magi”**

18:50-19:00 L. Giuntini (INFN, Florence, Italy): **MACHINA, the first Movable Accelerator for Cultural Heritage IN-situ Applications**

19:00-19:10 I. Kakoulli (University of California, Los Angeles, CA, USA): **Probing nanoscale heterogeneities in Egyptian Blue through scanning transmission electron microscopy and synchrotron-based X-ray spectromicroscopy**

19:10-19:20 R. Radpour (National Gallery of Art, Washington, D.C., USA): **Applications of luminescence hyperspectral imaging spectroscopy to identify and map Egyptian Blue in paintings and polychrome objects**

19:20 **Conclusion** (A. Russo-A. Sgamellotti)

### Many thanks to:

- **Accademia Nazionale dei Lincei - Centro Linceo di Ricerca sui Beni Culturali Villa Farnesina (CERIF)**
- **Parco Archeologico del Colosseo**

for the organization

- **FONDAZIONE “GUIDO DONEGANI”**

for the financial support

**Organizing Committee:** A. Sgamellotti, A. Russo, C. Anselmi, F. Boldrighini, V. Lapenta, M. Nicola.

**Steering Committee:** A. Sgamellotti, C. Anselmi, G. Chiari, V. Lapenta, G. Verri.



ACCADEMIA NAZIONALE  
DEI LINCEI



P·AR·©  
PARCO ARCHEOLOGICO  
DEL COLOSSEO