

## [ID-7. Arts, restoration and archeology](#)

10 September, 16:45 - 18:45 / 11 September, 16:30 - 18:30

### **ID-7-P-1413**

#### **SEM-EDX study of the Pelligrini Golden Room Ensemble, The Royal Picture Gallery Mauritshuis**

Presenting author: **Hartman L.**

*Authors: Haswell R., Pottasch C., van Loon A., van den Burg J., Hartman L., Singelenburg F., Genuit W.*

### **ID-7-P-1468**

#### **Aberration Corrected STEM to study an Ancient Hair Dyeing Formula**

Presenting author: **Patriarche G.**

*Authors: Patriarche G., Walter P., Van Elslande E., Ayache J., Castaing J.*

### **ID-7-P-1596**

#### **Hand phalanx of the Denisova girl: using X-ray microscopy for nondestructive histological analysis**

Presenting author: **Kazanskiy P. R.**

*Authors: Mednikova M. B., Dobrovolskaya M. V., Lavrenyuk A. V., Kazanskiy P. R., Shklover V. Y., Shunkov M. V., Derevianko A. P.*

### **ID-7-P-1886**

#### **Non-invasive survey of metallic supports of the small-size paintings of the 18th century**

Presenting author: **Šefců R.**

*Authors: Šefců R., Trojek T., Vondráčková M.*

### **ID-7-P-2145**

#### **Utilisation of micro-optic and micro-spectroscopic methods in the identification of identical filling materials of tinned reliefs in Late Gothic panel paintings of Bohemical provenance.**

Presenting author: **Turková I.**

*Authors: Šefců R., Chlumská Š., Třeštíková A., Turková I., Kotrlý M.*

### **ID-7-P-2317**

#### **Three Dimensional EDS Elemental Mapping of Nonmetallic Inclusions of a Japanese Sword with an FIB-SEM**

Presenting author: **Matsushima H.**

*Authors: Matsushima H., Kitada M., Mori N., Brunetti G.*

### **ID-7-P-2544**

#### **How do you balance the different demands for non-destructive analytical and imaging instrumentation within an interdisciplinary and multi-modal centralised research facility?**

Presenting author: **Ball A. D.**

*Authors: Ball A. D.*

#### **ID-7-P-2857**

##### **Microanalytical studies of 18th century Brazilian Baroque wooden polychrome sculptures and altarpieces from Minas Gerais**

Presenting author: **Balzuweit K.**

*Authors: Souza L. C., Balzuweit K., Rosado A., Rocha S. O.*

#### **ID-7-P-2943**

##### **Black crusts on welded tuffs**

Presenting author: **Reyes-Zamudio V.**

*Authors: Reyes-Zamudio V., Avalos-Borja M., Cervantes J.*

#### **ID-7-P-3030**

##### **Can Microscopy help in the identification of counterfeit artworks? Test on Vase of flowers, attributed to Italian artist Filippo De Pisis**

Presenting author: **Volpe L.**

*Authors: Volpe L., Vaccaro C., Vaccaro C.*

#### **ID-7-P-3297**

##### **Impact of micro-CT and confocal microscopy analyses on amber. A risk assessment study using optical microscopy, FTIR and Raman spectroscopy.**

Presenting author: **Ball A. D.**

*Authors: Bertini M., Ball A. D., Mellish C., Blagoderov V., Goral T., Sykes D., Burgio L., Shah B., Pretzel B., Summerfield R., Steart D., Garwood R., Spencer A.*

#### **ID-7-P-3366**

##### **A study by Analytical Electron Microscopy of Metallic Artifacts from the Chichén-Itza Mexico.**

Presenting author: **Arenas J. A.**

*Authors: Arenas J. A., Contreras J., Ruvalcaba J. L.*

#### **ID-7-P-3371**

##### **Studies of paint materials from churches and sculptures of the eighteenth century through polarized light microscopy, x-ray fluorescence and Raman light scattering**

Presenting author: **Mendes I. C.**

*Authors: Mendes I. C., Lopes F., Matos J. P., Almeida L. T.*

#### **ID-7-P-3399**

##### **Micro-Computed Tomography in a Museum Environment**

Presenting author: **Sykes D.**

*Authors: Sykes D., Ahmed F., Summerfield R. A.*

#### **ID-7-P-3465**

##### **Microscopy in Archaeological Heritage Studies: “El Salitre” Funerary Complex, Tula (México)**

Presenting author: **Espinosa-Pesqueira M. E.**

*Authors: Espinosa-Pesqueira M. E., Medina-Gonzalez I.*

#### **ID-7-P-3472**

##### **Electrochemistry of copper on modified fibre and polymers – a dialogue between science and fine arts**

Presenting author: **Ploszczanski L.**

*Authors: Ploszczanski L., Hansal W., Pichler B., Trettenhahn G., Kautek W.*

**ID-7-P-5725**

**Morphometric and chemical characterization of archeological pigments from the Teotihuacan archeological site by SEM and AFM microscopy, EDX, diffraction and RX flourescence techniques**

Presenting author: **Avelino I.**

*Authors: Avelino I., Valadez M., Calderon J., Tovar J., Valdez O., Mendoza C., Garibay V., Leyte F., Pacheco U.*

**ID-7-P-5897**

**Microscopic evidence of painting damage as a result of saponification**

Presenting author: **Hradilová J.**

*Authors: Hradilová J., Hradil D.*