

## 7th Balkan Symposium on Archaeometry

22 – 25 September 2020

### Program

#### DAY 1 | 22 September (Tuesday)

17:00 – 19:00 Registration – Welcome cocktail

#### DAY 2 | 23 September (Wednesday)

09:00 – 10:00: Registration

9.00 – 10.00: Welcome Ceremony and Talks

**Session: *Analytical Techniques* | Chairs: Prof. T. Ganetsos and Prof. S. Akuz**

**10.00 – 10.20: Peter Vandenaabeele, Anastasia Rousaki, “Mobile Raman Spectroscopy in Archaeometry Research”**

**10.20 – 10.40: Theodore Ganetsos, Efi Tsitsa, George-Michael Sisamakias, “Tracing the ‘evidence’ of Minoan painters In Relief wall paintings of Knossos”**

**10.40 – 11.00: Nerantzis Nerantzis, Effie Photos-Jones, “Which ore to smelt? Cultural shifts and changes in raw materials acquisition for the iron bloomeries of Thasos”**

**11.00 – 11.20: Eirini Christopoulou, Theodoros Ganetsos, Nikolaos Laskaris, “Non-destructive XRF and Raman spectroscopy analysis in pigment identification of wall paintings of the painter Nikiforos Lytras from the church of Agios Georgios, Haidari, Athens”**

**11:20 – 11:40: Nikolaos Daskalakis, Theodoros Ganetsos, Daniel Moraetis, Eleni Papadopoulou, Iris Tzachili, “Study and analyses of stone artifacts and vessels from the Peak Sanctuary at Vrysinas (Rethymnon, Crete) applying spectroscopy techniques”**

**11.40 – 12.20: Coffee Break**

**Chairs:** Prof. P. Vandenabeele and Dr. A. Rousaki

**12.20 – 12.40:** Konstantina Romantzi, Dionysia Giakoumi, Theodore Ganetsos, “G.I. Katsigras Museum: *in situ* measurements in paintings by G. Gounaro”

**12.40 – 13.00:** Sevim Akyuz, Sefa Celik, Aysen E. Ozel, Gulnur Kurap, Sait Basaran, “Analyses of Some Archaeological Potteries and Clays unearthed from Enez Excavation by Variable Analytical and Chemometric Methods”

**13.00 – 13.20:** Maria I. Papageorgiou, Theodore Ganetsos, “The Kouroi of Atalanti: Funerary limestone (poros) statues and grave stelai from the ancient cemetery of Opounta, preliminary presentation, analysis, and investigation of the composition, diversity and possible sources of limestone”

**13.20 – 13.40:** Lamprini Malletzidou, Triantafyllia T. Zorba, Dimitrios Karfaridis, George Vourlias, Eleni Pavlidou and Konstantinos M. Paraskevopoulos, “The dome of Rotunda, Thessaloniki: Characterization analysis of the multi-pictorial phase wall-painting”

**13.40 – 14.00:** Ole Christian Aslaksen, Tobias Krapf, Maja Gori, Lena Vasileiou, “A pXRF survey of Late Bronze Age and Early Iron Age pottery in central Epirus (Ioannina Prefecture) and Southern Albania (Korçë Prefecture)”

**14.00 – 15.00:** Lunch Break

**15.00 – 17.00:** Poster session | **Chairs:** Dr. A. Oikonomou and Dr. N. Laskaris

1. **Sevim Akyuz**, “Investigations of Duloz and Empire Issues of Ottoman Empire Postage Stamps by Vibrational Spectroscopic and Energy Dispersive X-Ray Fluorescence (EDXRF) Methods”
2. **Konstantinos Chartomatzidis, Paul Konstantinidis, Lamprini Malletzidou, Ioanna K. Sfampa, George Kitis**, “Thermoluminescence properties of calcium sulfates of various hydration levels”
3. **George S. Polymeris, Lamprini Malletzidou, Triantafyllia T. Zorba, Eleni Kouloumpi, Konstantinos M. Paraskevopoulos, George Kitis**, “Investigating the possibility of age assessment using pigments and dyes; Preliminary luminescence and UV-VIS measurements”
4. **Meropi Katsantoni, Theodore Ganetsos, Carmela Crescenzi, Foteini Stringari**, “Study of pigments in Etruscan tombs in Sorano of Italy”

5. **Fostrirpoulou Arentona, Karatzani Anna**, *"Study and Conservation of a pair of women's shoes dated to 1905"*
6. **Maria Ntougka, Theodore Ganetsos, Stella Chrisoulaki**, *"Pigments on Terracotta Figurines of the Hellenistic Period from Piraeus: Non-Destructive Chemical Analysis with XRF and Raman Spectroscopy"*
7. **Pavlos Fovakis, Theodore Ganetsos, Nikolaos Daskalakis**, *"Study and analyses of pigments in minoan larnax from the peripheral unit of Rethymnon (Crete) applying non-destructive techniques."*
8. **Vasiliki Iliakopoulou**, *"Objects, routes with multiple narratives, Digital compositions (Photo collages)"*
9. **Efthalia Patsiatzi, Lamptini Malletzidou, Triantafyllia T. Zorba, Pavlos Beinas, Vassiliki Touli, Konstantinos Chrissafis, E. Pavlidou, G. Vourlias, K.M. Paraskevopoulos**, *"Physicochemical characterization of late post-Byzantine wall paintings, Monastery of the Ascension, Elassona, Mount Olympus, Greece"*
10. **Stylios Kioumourtoglou, Paul Konstantinidis, George S. Polymeris, George Kitis**, *"Extension of age limits by fitting TL/OSL dose response curves using analytical expressions from physical models"*
11. **Evmorfia Kasimi, Adamantia Panagopoulou, Christos Karydis**, *"A preliminary study of copper navel phiales from the Louvre Museum and the National Archaeological Museum of Athens with non destructive physicochemical analysis and non-invasive conservation"*
12. **Theodore Ganetsos, Igor Lukacevic, Ante Matanic, Nikolaos Laskaris** *"Pigment identification in paintings by from J. F. Mücke, using Raman spectroscopy: an arts/science project."*
13. **Georgios P. Mastrotheodoros, Eleni Filippaki, Yorgos Facorellis, Konstantinos G. Beltsios, Varvara Papadopoulou**, *"Revisiting the wall paintings of St Demetrios church in Klimatia village (Epirus, NW Greece)"*
14. **Asimina Vafiadou, George S. Polymeris, Ioanna K. Sfamba, Valeria Giannoulatou, George Kitis, Ioannis Lirtzis**, *"A comparative luminescence study on several limestone samples of various origins"*

### **DAY 3 | 24 September (Thursday)**

**9.00 – 10.00:** Registration

**Session: *Analytical Techniques* | Chairs: Dr. G. Polymeris and prof. Th. Ganetsos**

**10.00 – 10.20:** Vassiliki Kokla, Anthimia Batrinou, Spyros Papatheodorou, Dimitra Houhoula, George Panagiaris, Agamemnon Tselikas, *“Non-invasive and biological analysis on pigments used in the nineteenth century manuscript”*

**10.20 – 10.40:** Smit Ziga, *“Can IBA compete with newer analytical methods in archaeometry?”*

**10.40 – 11.00:** Jan-Michael C. Cayme, Aila Shaine V. Sambo, and Lee Anthony M. Neri, *“Preliminary Analysis of Mortars Excavated at the Calumat Open Site in Alubijid, Philippines”*

**11.00 – 11.20:** Anastasios Asvestas, Georgios P. Mastrotheodoros, Anastasia Tzima, Konstantinos G. Beltsios, Dimitrios F. Anagnostopoulos, *“Investigation of paintings by scanning xrf”*

**11.30 – 12.00:** Coffee Break

**Session: *Conservation* | Chairs: Prof. E. Nobilakis and Ass. Prof. Y. Facorellis**

**12.00 – 12.20:** Anastasia Rousaki, Luc Moens, Peter Vandenabeele, *“Probing into the Painters’ Materials and Techniques”*

**12.20 – 12.40:** Nikoleta Tasiouli, Stamatis Boyatzis, Anna Karatzani, Andreas G. Karydas, *“Study and conservation of a 19 th century printed silk scarf from the collection of the National Historical Museum of Greece”*

**12.40 – 14.00:** Lunch Break

**Session: Open | Chairs: prof. Th. Ganetsos and Dr. G. Mastrotheodoros**

**14.00 – 14.20: Argyro Kontogianni, Theodore Ganetsos, Nikolaos Zacharis, Panagiotis Kousoulis, and Evangelos C. Papakitsos, “A Detailed Study about Egyptian-Coptic and Software Engineering”**

**14.20 – 14.40: Vergou Maria, “Protection and Repatriation of Cultural Treasures - The Acropolis Sculptures”**

**14.40 – 15.00: Jelena Živković, “Ceramic production on northern edges of the Balkans in the Ottoman period”**

**15.00 – 15.20: Koutouvaki Eirini, “Clayey sediments and pottery fabrics in the wider Ierapetra area”**

**15.30 – 16.00** Coffee break

**Session: Open | Chairs: Prof N. Zacharias and Dr. E. Kouloumpi**

**16.00 – 16.20: Ourania Kordali, Artemios Oikonomou, Georgia Pliakou, Nikolaos Zacharias, “A preliminary study of early Roman glass from Ioannina, Greece”**

**16.20 – 16.40: Peter I. Stavroulakis, Karim Sadr, Konstantinos Naseb, Theodore Ganetsos, Nikolaos Laskaris, “Digital preservation and accurate 3D reproduction of rare archaeological San skull specimen”**

**16.40 – 17.00: Vayia V. Panagiotidis, Vasiliki Valantou, Christofilis Maggidis, Nikolaos Zacharias, “Tracing environmental patterns and human activities via the chemical synthesis of soil stratigraphy: The MY.SPE.AR archaeological project”**

**19.00: Social Dinner**

**DAY 4 | 25 September (Friday)**

**Conservation Session and Dating Session | Chairs: Prof. I. Liritzis and Prof. Th. Ganetsos**

**9.40 – 10.00: Ioannis Karapanagiotis, Panagiotis Spathis, “Superhydrophobic coatings for the protection of calcareous stone”**

**10.00 – 10.20: Vasile Bercu, Liviu Tugulan, Mihail Secu, Mihalis Cotrubinis, Octavian G. Dului, “Agreement between ESR and TL ages for a recent Romanian Plane deposit”**

**10.20 – 10.40: Vasile Bercu, Cătălin Lazăr, Gabriel Popescu, Bogdan Manea, Viorel Fugaru, Octavian G. Dului, “ESR study of ceramic fragments collected from several archaeological sites in Romania”**

**10.40 – 11.00: Lamprini Malletzidou, George S. Polymeris, Ioanna K. Sfampa, Triantafyllia T. Zorba, Stylianos Stoulos, Konstantinos M. Paraskevopoulos, George Kitis, “Exploring the potential of calcium sulfates as luminescence dating dosimeters”**

**11.20 – 12.00: Coffee Break**

**12.00: Symposium Results / Best Poster award / New members of Balkan Symposium /**

**13.00: Announcement of next city of the 8<sup>th</sup> Balkan Symposium on Archaeometry**