



ARCHAEOMETRY COLLOQUIUM

ORGANIZED BY EASA, DEAN OF CLASS IV, PROF. IOANNIS LIRITZIS

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EASA started from 2021 an initiative of the interdisciplinary field of Natural Sciences and Archaeology / Cultural Heritage.

The interdisciplinary field of “archaeometry” covers a wide range of subject categories and disciplines in relation to science and humanities. It is a well-established academic field of study and accredited part of higher education. Since its inception, the nomenclature designation of archaeometry signifies the appropriate methodology applied to archaeological materials and questions emerging from this field, regarding monuments, artifacts, and the reconstruction and management of landscape bearing cultural assets. The measurements of tangible culture denote significant information, such as chronology, authenticity, technology, characterization, provenance, discovering buried antiquities, ancient-day life activities, and three-dimensional (3D) reconstructions and modelling; furthermore, proxy data collected from environmental dynamic non-linear perturbations, which link local ecosystems with dwellings, are gathered by academia to study the past. The traditional rooting signifies the cultural legacies of people, which define the human desire and the confidence of memory and future trends. The United Nations Educational, Scientific, and Cultural Organization (UNESCO) conventions for the documentation and protection of cultural heritage via new technologies and archaeometry are connected to development strategies and Sustainable Development Goals. The major archaeometrical contributions in cultural heritage and archaeology in general are started by EASA with a first Colloquium and will continue on targeted themes which refer also to policies that could develop archaeometrical data into a sustainable stage of local, regional, and national economic development. Emphasis is given to recent advancements and progress and future trends.

SATURDAY 26 JUNE 2021, 17:00-20:30

- 17:00 Introductory Greetings by **Vice President of EASA Prof. Birgit Harreß**
- 17:05-17:35 **Prof. Ioannis Liritzis** (ioannis.liritzis@euro-acad.eu) (University of the Aegean, Greece; Distinguished Professor Henan University, China), Dean Class IV
“Archaeometry: brief overview and advancements”
- 17:35-17:40 Questions
- 17:40-18:10 **Prof. Karel Lemr** (karel.lemr@upol.cz) (Dept. of Analytical Chemistry, Faculty of Science, Palacky University, Czech Republic), Class IV *“Mass Spectrometry imaging in art”*
- 18:10-18:15 Questions



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- 18:15-18:45 **Prof. Philippe Walter** (philippe.walter@upmc.fr) (Sorbonne Université, Laboratoire d'Archéologie Moléculaire et Structurale (LAMS)), Class IV
“New opportunities in archaeology from in situ material scientific characterization»
- 18:45-18:50 Questions
- 18:50-19:20 **Dr. George Polymeris** (g.polymeris@inn.demokritos.gr) (Nat. Center Sci. Res. “Demokritos”, Institute of Nanoscience and Nanotechnology, Athens)
“New advances and progress in stimulated luminescence dating”
- 19:20-19:25 Questions
- 19:25-20:05 **Prof. Vladimir Ionesov**, (ionesov@mail.ru) (Samara State Institute of Culture, Department of Theory and History of Culture, Russia) Class I
“The value of knowledge of the past societies: some theoretical background of cultural heritage”
- 20:05-20:30 General Questions & Closing remarks: **Prof Matjaz Perc (Vice Dean, Class IV)**
and **Prof Ioannis Liritzis (Dean Class IV)**

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