

INVITATION

The UISPP Commission on

Archaeometry of Pre- and Protohistoric Inorganic Artifacts, Materials and Technologies

organizes on the 14th of October 2016, in Miskolc (Hungary), the 1st International Scientific Conference with the title

„Latest Results and Examination Methodologies of Pre- and Protohistoric Metals and Other Inorganic Materials”

In view of the success and interest shown for the archaeometry session at the UISPP Congress in 2014 in Burgos it was decided to create a new scientific commission in the field of archaeometry. In June 2015 we established our commission with the aim of discussing and promoting archaeometric approaches to lithic technology, metallurgy, ceramics and glass making in Prehistory and Protohistory.

Aim of the conference is the presentation of the results of archaeometric case studies and the examination of methodologies to be employed on Prehistoric and Protohistoric artifacts made of metals or other inorganic materials.

Programme

14th October, Friday

10:00 Scientific presentations – metals

- B. Nessel: Tin isotopy on prehistoric bronzes - state of research from an archaeological point of view
- A. Giunlia-Mair – S. Ferrence: Analytical data on Cretan metalwork
- P. Bray: Collating large chemical datasets for early metals: Challenges, benefits, and possible ways forward

Coffee break

- M. Emami: Preliminary archaeometallurgical studies on bronze objects from "Lama" (2nd Millennium BC), Iran
- B. Török - P. Barkóczy: Microstructure analysis on metal artifacts of Middle Bronze Age settlements from the Carpathian Basin
- B. Constantinescu: XRF, PIXE and SR-XRF studies on prehistoric gold provenance

12:30 Lunchtime

13:45 Scientific presentations –metals and other inorganic materials

J. Hosek: Metallographic examination of iron swords – a few examples

E. Ben-Yosef: Magnetic susceptibility of metallurgic slag as a technological proxy

Coffee break

M. Golitko: PXRF and the potentials of obsidian "Big Data"

C. Duckworth: Latest advancements in the application of analytical science to ancient and historical glass production

M. Krueger – D. Brandherm: Chemical characterization via pXRF of early Iron Age pottery from SW Iberia

16:00-18:00 Visit to the laboratories, for use by the Archaeometallurgical Research Group of the University of Miskolc (ARGUM), of the Institute of Physical Metallurgy, Metalforming and Nanotechnology of the University of Miskolc – show and presentations

Practical details

- The time allotted for the presentations at the conference is 15 minutes. Discussions will follow as part of the program.
- English is the official conference language.
- Poster presentations may be exposed on the site of the conference.
- The scientific papers of this meeting will be published as a volume.
- Participation in the scientific conference is free of fees.
- If required, the organizers can assist in booking the accomodations in the City Hotel Miskolc.
- Local organizers: Béla Török, (bela.torok@uni-miskolc.hu)
Péter Barkóczy (peter.barkoczy@gmail.com)

Dr. Béla TÖRÖK

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