

FORGING VALUES

Metals Technologies and Social Interactions in Greece
and the Mediterranean from the 4th to the 1st millennium BC

International Symposium



15-16 APRIL 2021

Université libre de Bruxelles
Campus du Solbosch
Local AY.2.108

THURSDAY 15 APRIL 2021

09.00-09.15 **TSINGARIDA A.** (ULB)
Welcome remarks

09.15-09.30 **NERANTZIS N.** (ULB)
Introduction to the Project: Metals Technology in North Aegean Societies

**1st session: Early steps and consolidation of metal production technologies in the Late Neolithic-
Early Bronze Age**

Moderator: **A. TSINGARIDA** (ULB)

09.30-10.00 FILIPPAKI E., KARAINDROU D. & BASSIAKOS Y. (N.C.S.R. 'Demokritos')
A closer look at the metallurgical activities of the two Early Helladic settlements of Raphina and Askitario, East Attica, Greece

10.00-10.30 GEORGAKOPOULOU M. (UCL, London)
Different scales of archaeometallurgical research on the site of Daskalio Kavos on Keros: site survey, excavations and island-wide survey

10.30-10.45 coffee break

10.45-11.15 BASSIAKOS Y. & FILIPPAKI E. (N.C.S.R. 'Demokritos')
Crucible: a multipurpose metallurgical utensil and its diachronic trajectory in the Aegean world

11.15-11.45 CHARALAMBOUS A. (University of Cyprus)
The use of copper alloys in Bronze Age Cyprus: the transition from arsenical copper to tin bronze

11.45-12.15 RADEMAKERS F. (KU Leuven)
The production of arsenical copper in early Egypt: new perspectives through analyses of provenance and technology

12.15-12.30 Discussion

12.30-14.30 Lunch

**2nd session: Diversification of techniques and introduction of iron in the Early Iron Age-
Geometric period**

Moderator: **I. LEMOS** (University of Oxford)

14.30-15.00 PARE CH. (Johannes Gutenberg-Universität Mainz)
The first iron in the Aegean and the Balkans: the state of research

15.00-15.30 VERCIK M. (Charles University-Prague)
Iron and Metalworking in Ionia



15.30-15.45 Coffee break

15.45-16.15 **ROGGENBUCKE M.** (National and Kapodistrian University of Athens)
Early Iron Age swords, knives and obeloi from the Sanctuary of Zeus Parnessios.
Archaeometallurgical study and first results

16.15-16.45 **KOSTOGLOU M.** (SOAS University of London)
Stories of swords and spades: iron, autochthony and the making of Ancient Greece

16.45-17.00 Discussion

FRIDAY 16 APRIL 2021

3rd session: Precious metals production and consumption from the Archaic to the Hellenistic period

Moderator: R. DOCTER (Ghent University)

9.00-9.30 **VAXEVANOPOULOS M.** (École normale supérieure de Lyon)
Ancient mining techniques in Lavrion territory

9.30-10.00 **NODIN S.** (ULB)
Ore processing techniques in Thasos during Antiquity

10.00-10.30 **NERANTZIS N.** (ULB), **PHOTOS-JONES E.** (University of Glasgow), **PAPADOPOULOS S.** (Hon. Ephor of Antiquities) & **NODIN S.** (ULB)
Urban metallurgy at Pistyros: investigating the contexts of production

10.30-10.45 coffee break

10.45-11.15 **PHOTOS-JONES E.** (University of Glasgow) & **NERANTZIS N.** (ULB)
The chryseia vs argyreia divide: the archaeo-metallurgical perspective in the Classical/Hellenistic periods

11.15-11.45 **CHALAZONITIS Y.** (ULB)
Metal artifacts and jewellery as grave goods in the Strymon river plain: two Archaic "Thracian" graves from the Amphipolis region

11.45-12.00 Discussion

12.00-14.00 Lunch

4th session: Issues of trade-exchange-circulation of metals

Moderator: F. DE CALLATAÿ (ULB)

14.00-14.30 **STOS-GALE Z.** (University of Gothenburg)
A periphery? – the role of northern Greece in the development of metallurgy in Bronze Age Greece

14.30-15.00 **WOOD J. R.** (UCL, London)
How ancient technologies rendered silver invisible: Sources of silver in the Bronze and Iron Age Mediterranean

15.00-15.30 **KIDERLEN M.** (Humboldt-Universität zu Berlin)
Information on central places and networks in the Mediterranean: the case of the EIA Greek bronze tripod cauldrons

15.30-16.00 **VERDAN S.** (University of Lausanne) & **HEYMANS E.** (University of Amsterdam)
Contextualising Euboean interest in northern Aegean gold (c.1000-600 BCE)

16.00-16.30 Final discussion

