



ÖSTERREICHISCHE  
AKADEMIE DER  
WISSENSCHAFTEN

8<sup>TH</sup> – 10<sup>TH</sup> JUNE 2017  
ÖSTERREICHISCHE AKADEMIE  
DER WISSENSCHAFTEN  
THEATERSAAL  
SONNENFELSGASSE 19, 1010 VIENNA &  
HOLLANDSTRASSE 11-13, 1020 VIENNA



# SEARCHING FOR GOLD

## RESOURCES AND NETWORKS IN THE BRONZE AGE OF THE EASTERN BALKANS



National Institute of Archaeology with Museum  
Bulgarian Academy of Sciences

KUNST  
HISTORISCHES  
MUSEUM  
WIEN



# KEY NOTE LECTURE

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**THURSDAY, 8 JUNE, THEATERSAAL**  
**Sonnenfelsgasse 19, 1010 Wien**

**18.00–18.30    Opening**

**Barbara Horejs** | Director of OREA, Austrian Academy of Sciences

**Georg Plattner** | Director of the Antikensammlung,  
Kunsthistorisches Museum

*Welcome words*

**Reinhard Jung** | Research Group Leader Mediterranean Economies

**Hristo Popov** | Vice Director NAIM, Bulgarian Academy of Sciences

*Introduction*

**18.30–19.30    Key Note Lecture**

**Thomas Stöllner**

*Prehistoric gold mining: From technical practice to social control*

# PROGRAM



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## FRIDAY, 9 JUNE, OREA, HOLLANDSTRASSE 11-13

- 09.00–09.30** **Christoph Schwall, Barbara Horejs, Moritz Numrich, Ernst Pernicka**  
*The socio-cultural impact of gold in the 3<sup>rd</sup> millennium BC: an Anatolian-Aegean perspective into the Balkans*
- 09.30–10.00** **Stefan Alexandrov**  
*Bronze Age golden torques from Bulgaria*
- 10.00–10.30** **Peter Pavúk**  
*Anatolia and Thrace: Contacts and synchronisms in the middle and early Late Bronze Age*
- 10.30–10.50** COFFEE BREAK
- 10.50–11.20** **Radu Bajenaru**  
*Fragmentation of metal artefacts. Case study on Early Bronze Age shaft-hole axes from Bulgaria*
- 11.20–11.50** **Martin Hristov**  
*Dubene: Gold and rituals*
- 11.50–12.20** **Raiko Krauß**  
*Between Ūnětice and Mycenae – southeast Europe from the 22<sup>nd</sup> to the 16<sup>th</sup> century BC*
- 12.20–13.50** LUNCH BREAK
- 13.50–14.20** **Eleni Konstantinidi-Syvridi**  
*Mycenaean gold: sources, trade and production in the light of the new evidence*
- 14.20–14.50** **Borislav Borislavov**  
*Izvorovo – a new Bronze Age centre in southeastern Bulgaria. An expected discovery*
- 14.50–15.20** **Pavol Hnila**  
*Trojan handmade wares and their relations to Balkan pottery traditions of the 2<sup>nd</sup> Millennium BCE*
- 15.20–15.40** COFFEE BREAK



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- 15:40–16:10**     **Athony Harding**  
*Obtaining salt in the ancient Balkans: Mining, evaporation, or something else?*
- 16:10–16:40**     **Aleksandar Bulatović, Aleksandar Kapuran, Mario Gavranović**  
*New absolute dates for the Late Bronze Age in the Central Balkans and some indications for local bronze metallurgy*
- 16:40–17:10**     **Mario Gavranović**  
*Search for ores? – Colonization of the Bosnian mountain zone in the Late Bronze Age*
- 17:10–17:40**     **Ljuben Leshtakov**  
*Patterns of metal circulation across the Eastern Balkans during the Late Bronze Age and the beginning of the Early Iron Age*

## **SATURDAY, 10 JUNE, OREA, HOLLANDSTRASSE 11–13**

- 09.00–09.30**     **Elena Marinova, Plamen Georgiev, Delphine Fremondeau, Ivanka Hristova**  
*Environment and land use in southeastern Bulgaria during the Late Bronze Age and Iron Age (1600 BC – 100/50 BC): Combining off-site and on-site data*
- 9:30–10:00**     **Soultana Maria Valamoti**  
*An archaeobotanical investigation of culinary landscape formation and the role of contact networks in southeast Europe: First results from project PLANTCULT*
- 10:00–10:30**     **Bernhard Weninger**  
*Little Ice Age conditions in southeast Europe 1050–980 calBC ? The evidence from Troy, Kushkaya, Adatepe, and other sites*
- 10.30–10.50**     COFFEE BREAK
- 10:50–11:20**     **Ernst Pernicka**  
*Geochemical tools in the search for gold*
- 11:20–11:50**     **Petya Penkova, Mathias Mehofer**  
*The gold hoard from Vălčitrăn, Bulgaria – technological observations on*



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*the production techniques of precious artefacts*

**11:50–12:20 H Julia Tsvetkova, Georgi Nekhrizov**

*Thrace beyond the gold: Some questions on the unequal exchange during the Late Bronze Age*

**12:20–13:50 LUNCH BREAK**

**13:50–14:20 Reinhard Jung, Hristo Popov, Krassimir Nikov, Bernhard Weninger**

*Dating the early mining and settlement activities at Ada Tepe: The radiocarbon evidence*

**14:20–14:50 Barbara Horejs**

*Connectivity and local practices of the Ada Tepe goldminers. A pottery approach*

**14:50–15:20 Hristo Popov**

*Ada Tepe archaeological remains from ancient mining activities: An attempt for topographical, functional and chronological reconstruction of the chaîne opératoire*

**15:20–15:40 COFFEE BREAK**

**15:40–16:10 Elena Bozhinova**

*The Late Bronze Age site of Dragoyana*

**16:10–16:40 Bogdan Athanassov, Philipp Stockhammer**

*The Late Bronze Age fortified settlement Bresto in southwestern Bulgaria*

**16:40–17:10 Stefanos Gimatzidis**

*Patterns of social and economic relations across the Rhodope mountains from the Late Bronze to the Early Iron Age*

**17:10–17:40 Tanja Hristova, Georgi Ivanov**

*Dynamics of burial practices in the necropolis of Baley (Bronze Age–beginning of the Iron Age)*

**17:40–18:30 Reinhard Jung, Hristo Popov**

*Moderation of closing discussion*



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## POSTER PRESENTATIONS

**Laura Burkhardt**

*Comparative examination of two house inventories of the northeastern settlement area at Ada Tepe, Bulgaria*

**Yana Dimitrova**

*Classification of LBA pottery in the Rhodope mountains*

**Plamen Georgiev**

*Economy, everyday life, and human impact on the environment in the upper Thracian plain during Late Bronze and Early Iron Ages  
(state of research)*

**Stephanie Horvath**

*A house assemblage in the gold mining settlement at Ada Tepe, Bulgaria*

**Stanislav Iliev**

*Pit-graves (culture or burial rite): Case study of a burial mound from the Early Bronze Age near the town of Merichleri, southeastern Bulgaria*

**Zheni Vasileva**

*Making the difference: Crafting jewellery in Early Bronze Age Thrace*

**Ildikó Szathmári, Boglárka Maróti, János Gábor Tarbay, Viktória Kiss**

*Archaeological and material analyses of Bronze Age gold hair rings from the collection of the Hungarian National Museum*

**Peter Minkov**

*The contacts between Anatolia and the Aegean with southeast and central Europe: Middle Bronze Age bone objects from the Sekerdja Mount*



Jug, vessel and kantharos (pottery with *Furchenstich* decoration), Ada Tepe, southeast Bulgaria  
Foto: F. Ostmann/OREA

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