

EBERHARD KARLS
UNIVERSITÄT
TÜBINGEN



XXTH INTERNATIONAL CONGRESS
ON ANCIENT BRONZES

17.04. - 21.04.2018

INSTITUTE FOR CLASSICAL
ARCHAEOLOGY TÜBINGEN

RESOURCE, RECONSTRUCTION, REPRESENTATION, ROLE

Our understanding of ancient bronzes has grown significantly in the last decades through several studies and collaborative research projects – including the International Congresses on Ancient Bronzes –, but it is far from complete. We still need to explore questions concerning bronze(s) as resource, on their reconstruction, the motives and subjects represented, and on the function of bronzes in society.

In the ancient world, bronzes – from over-lifesize sculptures to small-scale objects – were an omnipresent and integral part of public and private everyday life. Bronze was also a valuable resource. From a scientific point of view, the last decades saw new methods of analyses to reconstruct the production processes of ancient bronzes. Besides modern analysis, research on ancient bronze sculpture is still relying on theories and methodologies developed in art history to discuss the style and chronology. Irrespective of the nature of the object – may it be sculpture, tool, or weapon – the role and function of the bronzes need to be studied in conjunction with the archaeological context with which the objects were once associated. The conference aims at addressing these four key topics and bringing together experts from different backgrounds in order to develop further the study on ancient bronzes.

Organizers:

Dr. Philipp Baas

Dr. Dieta Svoboda-Baas

AncientBronzes2018@klassarch.uni-tuebingen.de

<http://uni-tuebingen.de/ancient-bronze-congress-2018>

PROGRAM

TUESDAY 17.04.2018

- 11:00 Registration open
- 14:00 Welcome and Introduction
Jürgen Leonhardt (Dean of the Faculty)
Thomas Schäfer (Head of the Institute)
Carol Mattusch (Chair of the Advisory Board)
Philipp Baas (Organizer)
- 14:30 General Session I
Chair: Philipp Baas (University of Tübingen)
- Paul Craddock (British Museum)
Casting the Big Bronzes in Classical Antiquity:
Thoughts from India and Egypt
Rachel Nouet (French School in Athens)
Who was in Charge of Fastening Bronze Statues on their
Bases? A Case Study of two Classical Group Bases from Delphi
Lisa Anderson-Zhu (Walters Art Museum)
Medium-Sized Bronze Statuettes from Egypt
at the Walters Art Museum
Simone Killen (University of Vienna)
Bronzegewicht = Standardgewicht? Anmerkungen zu
griechischen Marktgewichten aus Bronze
Gunvor Lindström – Daniel Steiniger (German Archae-
ological Institute)
Bronze Statuary from Kal-e Chendar/Shami. From the
Seleucid to the Parthian Period
Fabiano Fiorello Di Bella (University of Messina)
Greek Bronze Sculptures from Porticello: the Sage, the
Athlete and the God
- 16:45 Break
- 17:00 Lecture: Gerhard Zimmer (University of Eichstätt)
Innovation und Tradition – Anmerkungen zum antiken
Bronzeguss
- 18:30 Guided Tour: "Collection Museum Alte Kulturen"
- 20:00 Welcome Reception
Rittersaal Museum Alte Kulturen Castle Hohentübingen

WEDNESDAY 18.04.2018

8:30 Session Reconstruction: Applied Science for Analysis of Bronze Objects
Chair: Alexander Heinemann (University of Tübingen)

Jeffrey Maish – David Saunders (J. Paul Getty Museum)
– Nino Kalandadze (Georgian National Museum)

Artful Illumination: Four Hellenistic Bronze Lamps from the Eastern Black Sea Site of Vani

Emilia Banou (University of the Peloponnese) – Aikaterini Panagopoulou (Ephorate of West Attica)

Bronze Circulation in the Aegean in the 2nd millennium B.C.: Technological Investigations of Bronze Finds from the Minoan Peak Sanctuary at Ayios Yeoryios sto Vouno, Kythera

Elena Gagliano (Italian School of Archaeology at Athens)

The Sybaris' Bronze Bull and His Long Life. 3D Reconstruction Proposals.

Uwe Peltz (Berlin State Museums)

Berlins Kopf von Kythera - Betrachtung eines Meisterwerkes als ‚Meilenstein‘ spätarchaischer Gießerkunst

Sophie Descamps (Louvre Museum) – Benoît Mille (Centre de Recherche et de Restauration des Musées de France) – Nancy Psalti (Direction de l'Éphorie des Antiquités de Phocide)

The Delphi Charioteer: The Technological Re-examination's Project

John Pollini (University of Southern California) – Alessandra Giumlia-Mair (AGM Archeoanalisi)

The Bronze Statue of Germanicus in the Archaeological Museum of Amelia: An Analysis to Determine the Nature of Production and Relative Date of a Recycled Statue

10:45 Break

11:00 Session Reconstruction: Production, Manufacturing and Forgery
Chair: Johannes Lipps (University of Tübingen)

Carol Mattusch (George Mason University)

Foundry Practices Then and Now

Ilyas Özsen (TOPOI Berlin)

Wire Drawing and the Associated Tools in Antiquity

Nadezda Gulyaeva (State Hermitage Museum)

Corinthian Helmets in the Hermitage Museum

Rosemary Jeffreys (University of Oxford)

Copper Alloy Wreaths from Pergamon

Ernst Pernicka (Curt-Engelhorn-Zentrum Archäometrie),
The Reliable Detection of Forgeries in Bronze

13:00 Lunch

14:00 Session Representation: Iconography of Small
Scale Objects

Chair: Eckhard Deschler-Erb (University of Cologne)

Margherita Bolla (Civici Musei di Verona)

“Funerary” Iconographies in Roman Small-Scale Bronzes

Franziska Döwner (Centre National de Recherche Arché-
ologique) – Sinclair Bell (Northern Illinois University)

Circus Stars in Miniature: A Bronze Statuette of an African

Boy Auriga from Luxembourg and Related Artifact Types

Audrey Gouy (University of Pau and Pays de l’Adour)

Etruscan Bronzes in Action. Role and Representations
of Dancers in Preroman funerary Contexts (6th-5th
cent. B.C.)

Jutta Ronke (Landesdenkmalpflege Baden-Württemberg)

Archäologisches zu einem ‚Problembärchen‘ vom Limes

Norbert Franken (University of Mainz)

Scharnier, Tülle oder Zapfen: Hellenistische Bronzelam-
pen mit Statuettendekor. Eine Spurensuche

Trinidad Nogales Basarrate (National Museum of Roman
Art Mérida)

Roman Bronzes from Augusta Emerita (Hispania). Re-
presentation: Iconography and Models

16:15 Break + Poster Session

17:45 Session Ressource: Recycling, Trade, Repair
and Reuse

Chair: Despina Ignatiadou (National Museum Athens)

Cristina-Georgeta Alexandrescu (Institutul de Arheolo-
gie „Vasile Pârvan“, Bukarest)

Fragments of Large Scale Bronze Statues in Context of
so-called Scrap Metal Deposits in Dacia and Moesia inferior

Frank Willer (LVR-LandesMuseum Bonn) – Roland
Schwab (Curt-Engelhorn-Zentrum Archäometrie) –

Manuela Mirschenz (University of Bonn)

Recycling Economy in the Production of Roman Bronze
Statues from the Limes Region

Vana Orfanou (Aarhus University) – Thomas Birch –

Rubina Raja – Achim Lichtenberger (University of
Münster)

Copper-Based Recycling Management and Technologi-
cal Choices at Roman and Early Islamic Jerash, Jordan

Mikhail Treister (German Archaeological Institute)
Roman Bronze Vessels with Signs of Repair from Sarmatia
David Michael Smith (University of Liverpool)
The Metallurgical Landscape of Phylakopi, Melos: New
Insights from the 1896-1899 Excavations of the
British School at Athens

19:45 End of day

THURSDAY 19.04.2018

8:30 Session Reconstruction: Investigations on Metallurgy, Production and Form
Chair: Alessandra Giumlia-Mair (AGM Archeoanalisi)

Maria Pia Casaletto (Istituto per lo Studio dei Materiali
Nanostrutturati, Consiglio Nazionale delle Ricerche, Palermo)

X-Ray Investigations of Bronze Artworks

Fabio Fazzini (Freelancer) – Fabio Milazzo (Soprintendenza delle Marche) – Maria Letizia Amadori (University of Urbino)

The Kegs from the Celtic Graves of Santa Paolina di Filottrano: Metallurgical Aspects

Ayla Lester (The Israel Antiquities Authority)

Production Methods at the Workshop in Tiberias

Francesca Morandini (Municipality of Brescia-Brescia Musei Foundation) – Annalena Brini – Andrea Cagnini – Monica Galeotti – Anna Patera – Simone Porcinai (Ministry of Heritage and Culture Florence)

The Winged Victory of Brescia. Work in Progress from Diagnostic to Enhancement

Omid Oudbashi (Department of Conservation of Historic and Cultural Properties, Art University of Isfahan)

New Insights into the Metallurgy of Tin Bronze during the Iron Age of Luristan, Western Iran (First Half of First millennium BC)

10:30 Break

10:45 Session: Striking Evidence. New Approaches to Ancient Coin Production

Chair: François de Callataÿ (Royal Library of Belgium) and Stefan Krmnicek (University of Tübingen)

François de Callataÿ (Royal Library of Belgium)

The Composition of Greek Bronze Coinages: Why it Matters for the Historian

Thomas Faucher (CNRS, IRAMAT-CEB/Univ. Orleans)
Producing Monetary Bronze in the Greco-Roman
World: How Does Experimental Archaeology Help to
Understand?

Maryse Blet-Lemarquand (University of Orléans)
The Composition of Greek and Roman Monetary
Bronze: How it was Manipulated by the Greeks and the
Romans. Case Studies

Julia Farley (British Museum)

Iron Age Coin Production in the East Midlands, UK

Angela Berthold (Berlin State Museums)

Groovy Coins. Scratches on Money from Roman Antioch

Stefan Krmnicek – Christoph Berthold (University of
Tübingen) – Raouf Jemmali (German Aerospace Center)

New Insights into the Manufacturing Process of a Roman
Bimetallic Medallion Using Non-Destructive Local Highly
Resolved X-Ray Computed Tomography

13:00 Lunch

14:00 Session Representation: Gods, Emperors and
Senators

Chair: Thomas Schäfer (University of Tübingen)

Carlos Marquez – David Ojeda (University of Cordoba)
Bronze Portrait Head from Rute (Cordoba)

Annemarie Kaufmann-Heinimann (University of Basel)
Die Göttin und das Schiff - Bedeutung und Funktionen
eines Bildkonzepts

Antonia Tzortzatou (Ephorate of Thesprotia)

From the Roman Noblemen to the European Connois-
seurs: The "Paramythia Bronzes" and the Allure of the
Antique

Dorel Bondoc (Museum of Oltenia)

A Roman Emperor Representation as Hercules, Coming
from the Roman Auxiliary Fort of Slaveni!

Kosmas Dafas (King's College London)

The Casting Technique of the Bronze Antikythera Ephebe

Heather Sharpe (West Chester University of PA)

Emulating the Ptolemies: A Bronze Head in the British
Museum

16:15 Break

16:30 Session: Bronze objects in sacred contexts: their
function and meaning in Archaic Greek culture

Chair: Chiara Tarditi (University of Brescia)

Giacomo Bardelli (Romano-Germanic Central Museum)

Rod Tripods Revisited: From Anatolia to the Iberian
Peninsula

Raimon Graells I Fabregat (Romano-Germanic Central Museum)

The Votive Bronze Weapons in Olympia: Diachronic Development

Valeria Meirano (University of Turin)

Contextualizing Bronze Objects in Sacred Spaces. The Role and Function of Vases and Instrumenta in the Archaic and Classic Periods: Some Case-Studies from Greece and Magna Graecia

Azzurra Scarci (University of Pisa)

Bronze Vessels from the Burned Layer of the Temple E 1 on the Eastern Hill of Selinunt

Beat Schweizer (University of Tübingen)

Bronze Vessels in Olympia. Representation and Ritual

Chiara Tarditi (University of Brescia)

Bronze Vessels Fragments from the Athenian Acropolis: From Sacred Offerings to Filling Materials

18:45 End of day

19:30 Conference Dinner

Restaurant Bootshaus am Neckar (Wöhrdstraße 25)

FRIDAY 20.04.2018

8:30 Session Role: Bronze(s) in Private, Public and Sacred Contexts

Chair: Annemarie Kaufmann-Heinimann (University of Basel)

Daphni Doepner (University of Bonn)

The Ancient Exposition of Bronzes on the Outer Steps and Columns of Greek Temples

Johanna Fuchs (German Archaeological Institute)

A Bronze Foundry of Classical Times in the Sanctuary of Kalapodi (Greece)

Zetta Theodoropoulou-Polychroniadis (Greek Archaeological Committee) – Vana Orfanou (University of Aarhus)

Bronze Offerings from the Sanctuaries of Poseidon and Athena at Sounion: New and Past Evidence

Adrian Hielscher (University of Kiel)

The Insula of the Menander (I, 10) at Pompeii - Small Finds of Bronze and the Question of Furnishing

Eva Riediker-Liechti (University of Zürich)

Bronze Objects from the Roman Tavern on Monte Iato (PA)

- 10:30 Break
- 10:45 Session Role: Reconstruction of Use and Contexts
Chair: Nadezda Gulyaeva (State Hermitage Museum)
- Marina Castoldi (University of Milan)
About Löwenkannen
- Despina Ignatiadou (National Museum Athens)
Oversize Bronze Lion Paw from Athens
- Hilde Hiller (Freiburg)
What Do the Find Contexts of Archaic Bronze Volute Craters Tell about the Use, Function and Origin of the Vessels?
- Felix Kotzur (University of Frankfurt)
Ambivalence of Value. Reconsideration of Mediterranean Metal Vessels within the so-called "Barbaricum"
- Silvia Pacifico (MIBACT) – Rossella Luciano (Museo Archeologico Salerno)
The Royal Tomb of Roscigno: Natives and Greeks in the Elites of Southern Italy
- 13:00 Lunch
- 14:00 Session Role: Rare Objects in Context
Chair: Norbert Franken (University of Mainz)
- Claudia Noferi (University of Florence)
Etruscan Mirrors in Hellenistic Funerary Contexts: Typologies and Symbolic Meanings of the Specimens from Tuscania in Florence National Archaeological Museum
- Vittorio Mascelli (Sapienza University of Rome)
Etruscan „Graffioni“: Function and Role of a Bronze Instrument in Etruria; New Data and Reflections
- Stamatis Fritzilas (Ephorate of Messenia)
The Bronzes of Arcadian Orchomenos
- David Bartus (Eötvös Loránd University, Hungary)
„In aes incidatur..“ - A New Bronze Tablet with a Law of Philippus Arabs from Brigetio
- Nicoletta Frapiccini (Polo Museale delle Marche)
The Kegs from the Celtic Graves of Santa Paolina di Filottrano
- Maciej Waclawik (Jagiellonian University in Kraków)
Paphian Obstacle of Powerful Death
- 16:15 Break
- 16:30 General Session II
Chair: Sophie Descamps (Louvre Museum)
- Federica Grossi (University of Milan)
The Victory of Calvatone: A Mystery Unveiled

Giulia Bison (University of Verona)

From the Sanctuary to the Rubbish Pit? Some Considerations on a Bronze Statuette from the Forum of Grumentum (Basilicata, Southern Italy)

Gabriela Filip

Bronze Phallic Representations from Southern Dacia

Philip Kiernan (Kennesaw State University)

The So-called Mithrassymbole in Context

Giulia Morpurgo (University of Bologna)

Bronze Vessels from the Etruscan Necropolis of Bologna (540-350 B.C.): Preliminary Notes

Nova Barrero Martin (National Museum of Roman Art Mérida)

Roman Bronzes of Augusta Emerita: Use and Function

19:00 End of day

SATURDAY 21.04.2018

8:30 General Session III

Chair: Carol Mattusch (George Mason University)

Eva Falaschi (Scuola Normale Superiore Pisa)

Philological Problems with Greek Bronze Artworks

Kseniya Polezhaeva (Moscow State University)

Bronze as a Resource for the Reconstruction of Alkamenes' Oeuvre

Jean-Marie Welter (Luxembourg)

Aes Corinthium: Just Wrought High-Tin Bronze?

András Patay-Horváth (Eötvös Loránd University)

Who, What and Why? The Dedication of Bronze Animal Figurines in Olympia

10:00 Break

10:15 Final Remarks

12:45 Excursion to Landesmuseum Württemberg and Altes Schloss Stuttgart

POSTER SESSION

Philip Kiernan – Chloe Redstone – Savannah Winn
(Kennesaw University)

Hamlin's Bronzes: Antiquity Collecting in an Early 20th
Century American Universal Museum

Benoît Mille (Centre de Recherche et de Restauration
des Musées de France)

A Step Further in the Interpretation of the Berlin Foundry Cup
Deana Ratkovic (National Museum of Serbia)

Small Votive Bronzes: From Mass Production to Unique
Works (Roman Provinces in the Territory of Modern Day Serbia)

Rafael Sabio Gonzáles (Museum of Roman Art Mérida)

A Singular Brass Container from Augusta Emerita

Rafael Sabio Gonzáles – Jose Murciano Calles – Macarena
Bustamante Álvarez – Juan Pérez Macías – Cristina Mena
Méndez (Museum of Roman Art Mérida)

Evidence of a Bronze Workshop in the Birth of Augusta Emerita

Mikhail Treister (German Archaeological Institute)

A Unique Example of a Roman Bronze Vessel with
Modification from Sarmatia

Mikhail Treister (German Archaeological Institute) –
Irina Ravich (State Institute of Restoration Moscow)

The Most Western Find of Chinese Mirror with T-shaped
Hieroglyphs in Eurasia

Fabio Fazzini (Freelancer) – Fabio Milazzo (Soprintendenza delle
Marche) – Maria Letizia Amadori (University of Urbino)

Methods of Production, Decoration and Reparation of
Early Iron Age Italian "sanguisuga" Type Fibulae

Achim Weidig (University of Freiburg) – Nicola Bruni
(Museum of Spoleto)

Bronze Cast on Decorated Iron Sheets. An Unusual Ma-
nufacturing Technique in the Iron Age of Italy

Francesco Grazzi (Consiglio Nazionale delle Ricerche Fi-
renze)

Non Destructive Compositional and Microstructural Characteri-
zation of Sardinian Bronze Swords through Neutron Diffraction

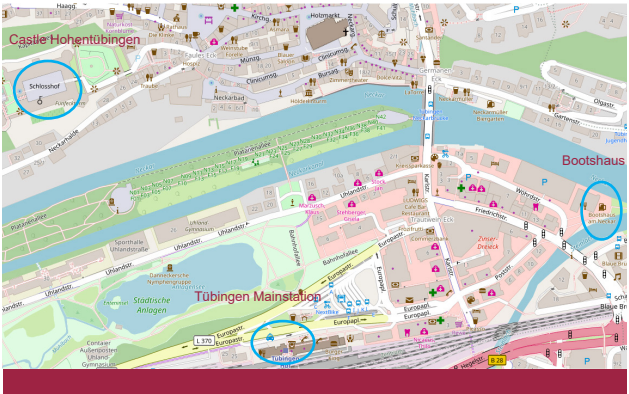
Zeina Fani Alpi (Université libanaise, Beirut)

Pot plastique de Bacchus au Musée national de Beyrouth

Verena Hoft (University of Tübingen)

Eyelashes of Inlaid Eyes – Technique and Meaning

VENUE



Eberhard Karls University of Tübingen

Institute for Classical Archaeology

Castle Hohentübingen

Burgsteige 11

72070 Tübingen

Tel.: 0049-7071-29 78546

E-mail: sekretariat@klassarch.uni-tuebingen.de