**Table of Contents**

**[titles and all authors need to x-check with papers. Abstract only marked yellow (position TBD); ]**

List of Previous Bronze Congresses, Proceedings, and Related Exhibitions

Directors’ Foreword – Timothy Potts and Tim Whalen

Introduction – Jens Daehner, Kenneth Lapatin, Ambra Spinelli

1. **Large-Scale Bronzes**
2. *The Bronze Athlete from Ephesos*Georg A. Plattner, Kurt Gschwantler, and Bettina Vak, Kunsthistorisches Museum, Vienna
3. *Was the Colossus of Rhodes Cast in Courses or in Large Sections?*

Ursula Vedder, Kommission für Alte Geschichte und Epigraphik des Deutschen Archäologischen Instituts*,* Munich

1. *Bronze Sculpture from the Aegean Sea: A Reassessment of Old and New Finds*Giorgos Koutsouflakis, Ephorate of Underwater Antiquities, Athens
2. *A Royal Macedonian Portrait Head from the Sea off Kalymnos*

Olga Palagia, University of Athens

1. *The Bronze Head of Arsinoë III in Mantua and the Typology of Ptolemaic Divinization on the Archelaos Relief*Patricia A. Butz, Savannah College of Art and Design, Georgia
2. *The Apollo from Salerno: Hellenistic Influence in Southern Italy*

Silvia Pacifico, Museo Archeologico Provinciale of Salerno

1. *Tiberius from Herculaneum: Methods of Assembling a Monumental Bronze Portrait*

Erik Risser and David Saunders, J. Paul Getty Museum

1. *When a Statue is Not a Statue*

Carol Mattusch, George Mason University, Fairfax, Virginia

Abstracts only

*The Large Second-Century Bronze Workshop at Gerasa (Jerash, Jordan): A Jordanian-European Cultural Heritage Conservation Program at Jerash 2012*

Lutfi Khalil, University of Jordan, Amman; Jacques Seigne, University of Tours; and Thomas Weber, University of Jordan, Amman

*Apoxyomenos: Discovery, Underwater Excavation, and Survey*

Jasen Mesić, MP, Parliament of Croatia, Committee for Science, Education, and Culture

*The Bronze Statue of Germanicus from Ameria (Amelia)*

John Pollini, University of Southern California, Los Angeles

*The Doryphoros in Bronze: Venerated – Suppressed – Forgotten*

Rolf Schneider, Ludwig-Maximilians-Universität, Munich

*The Influence of Ancient Bronzes in Cuban Large-Scale Sculptures*

Jorge Rolando Toledo, Subasta HABANA Auction House, Havana

1. **The Artist**
2. *More than Holes! An Unconventional Perspective on the “Greek Revolution” in Bronze Statuary*Gianfranco Adornato, Scuola Normale Superiore, Pisa
3. *Polykleitos at Work: How the Doryphoros Was Used*

Kyoko Sengoku-Haga, Sae Buseki, Tohoku University; Min Lu, Tencent Technology Co Ltd, Shenzhen; Shintaro Ono, Takeshi Oishi, The University of Tokyo; Takeshi Masuda, National Institute of Advanced Industrial Science and Technology, Japan; and Katsushi Ikeuchi, Microsoft Research Asia

1. *Looking at the Bronze of Lost Sculptures: The Reception of the Delphic Monument of the Admirals in the Imperial Period*Eva Falaschi, Scuola Normale Superiore, Pisa
2. *Mobility and Migration: Issues Concerning Itinerant Sculptors*

Martin Horne, George Mason University, Fairfax, Virginia

Abstract only

*Praxiteles’ Bronze Sculpture at Delphi*

Aileen Ajootian, University of Mississippi, Oxford

1. **Statuettes**
2. *Assertions by the Portable: What Can Bronze Statuettes Tell Us about Major Classical Sculpture?*Beryl Barr-Sharrar, Institute of Fine Arts, New York University
3. *The Use of Inlays in Early Greek Bronzes*

Seán Hemingway and Dorothy H. Abramitis, The Metropolitan Museum of Art, New York

1. *The Poet as Artisan: A Hellenistic Bronze Statuette in the Metropolitan Museum of Art*Elizabeth McGowan, Williams College, Williamstown, Pennsylvania
2. *The Paramythia Bronzes: Expressions of Cultural Identity in Roman Epirus*

Heather Sharpe, West Chester University of Pennsylvania

1. *Roman Bronze Figurines of Deities in the National Archaeological Museum of Marche (Ancona)*Nicoletta Frapiccini, Soprintendenza per i Beni Archeologici delle Marche, Ancona
2. *Functions and Use of Roman Medium-Sized Statuettes in the Northwestern Provinces*Annemarie Kaufmann-Heinimann, Universität Basel
3. *Through Celts and Romans: Technology and Symbolism of Bronze Enameled Roosters*

Federica Grossi, Università degli Studi di Milano

1. *Representations of Zeus/Jupiter in the Small-Scale Bronze Sculptures of Albania*

Sabina Veseli, Institute of Archaeology, Center of Albanian Studies, Tirana

Abstracts only

*Roman-Period Casting Techniques of Small Bronzes from Marche*

Fabio Fazzini

*Figural Bronze Statuettes in the Ashmolean Collection and the Aesthetics of Replication*Nicholas West, University of Oxford

1. **The Hellenistic East**
2. *The Influence of East and West on Bronze Objects Found in Central Anatolia: Small Bronze Finds from Kaman-Kalehöyük*Alice Boccia Paterakis and Sachihiro Omura, Japanese Institute of Anatolian Archaeology, Kaman
3. *The Portrait of a Hellenistic Ruler in the National Museum of Iran*Gunvor Lindström, German Archaeological Institute, Berlin
4. *The Influence of Bronze Working on Roman Provincial Stone Sculpture: The Case of Palmyra*Fred C. Albertson, The University of Memphis, Tennessee

Abstracts only

*The Transformation of Bronze Sculpture in the Hellenistic East and the Iranian World*Matthew P. Canepa, University of Minnesota, Minneapolis

*The Hellenistic Heritage of Termez*

Djalalitdin Mirzaev, Termez Archaeological Museum

1. **Vessels**
2. *Bronze Vessels from the Acropolis and the Definition of the Athenian Production in the Archaic and Early Classical Periods*

Chiara Tarditi, Università Cattolica, Brescia

1. *Bronze Vessels and Related Instrumenta at Delphi: Remarks on Morphology, Provenance, and Chronology*Valeria Meirano, University of Turin
2. *Toward the Derveni Krater: On the Rarity of Large Bronze Vessels of the Archaic and Classical Periods Bearing Large Figural Registers*

Jasper Gaunt, Michael C. Carlos Museum, Emory University, Atlanta

1. *Iconography of the Sea World on Late Hellenistic Bronze Vessels*

Klara De Decker, Westfälische-Wilhelms-Universität, Münster; and Suzanne Tassinari, AFFILIATION

1. *An Anthropomorphic Vessel in the National Museum of Beirut*

Zeina Fani, Lebanese University, Beirut

1. *Hellenistic, Roman, and Byzantine Influence in the Consolidation of Fatamid Metalware*

Ayala Lester, The Israel Antiquities Authority

1. **Artifacts**
2. *Minoan Status Symbols: Tweezers, “Weaving Hooks,” and Cosmetic Scrapers*

Susan C. Ferrence, INSTAP Academic Press, Philadelphia, and Alessandra Giumlia-Mair, AGM Archeoanalisi, Merano

1. *Bronze Trees from the Greek to the Roman World*

Marina Castoldi, Università degli Studi di Milano

1. *Bronze Medical and Writing Cases in Classical and Hellenistic Macedonia*

Despina Ignatiadou, National Archaeological Museum, Athens

1. *A Group of Items from the Campana Collection as an Example of Nineteenth-Century Restoration*Nadezhda Gulyaeva, The State Hermitage Museum, St. Petersburg
2. *Roman Silhouette Figures: A Contribution to Music Archaeology?*

Norbert Franken, Corpus Vasorum Antiquorum, Bayerische Akademie der Wissenschaften, Berlin

Abstracts only

*Figures on Fire: New Approaches to the Understanding of Roman Lighting Devices in Bronze*Ruth Bielfeldt, Harvard University, Cambridge, Massachusetts

*Balancing Artifacts: Incense-Burners and Ponderation in Etruria*

Francesco De Angelis, Columbia University, New York

Standspiegel*, Figured Appliques, and Other Bronze Items at Locri Epizefiri (Magna Graecia): Morphology, Style, and Chronology between Local Production and External Influences (Sixth to Fourth Century BC): A Reappraisal*

Diego Elia and Valeria Meirano, University of Turin

*A Multidisciplinary Study of Hellenistic and Roman Bronze Mirrors from the Archaeological Museum of Ancient Messene, Greece*

Maria Giannoulaki, Technological Educational Institute of Athens

*The Gréau Mirror and the Phenomenon of Fakes in Nineteenth-Century Paris*

Mireille M. Lee, Vanderbilt University, Nashville

*The Ancient Chariot from Serbia*

Dragan Milanović, Deana Ratković, Miroslav Petelin, and Milan Čolović, Institute of Archaeology, Belgrade

*Bronze Warfare from the Hellenistic Period: A Study of the Acqualadroni Naval Ram*

Philippe Tisseyre**,** Soprintendenza del Mare, Italy

1. **Conservation and Analysis**
2. *Sustainable Conservation of Bronze Artworks: Advanced Research in Materials Science*Maria Pia Casaletto, Istituto per lo Studio dei Materiali Nanostrutturati, Consiglio Nazionale delle Ricerche, Palermo; and Wilma Basilissi, Istituto Superiore per la Conservazione ed il Restauro, Rome
3. *Investigating Ancient “Bronzes”: Non-Destructive Analysis of Copper-Based Alloys*

Robert H. Tykot, University of South Florida, Tampa

1. *A Scientific Assessment of the Long-Term Protection of Incralac Coatings on Ancient Bronze Collections in the National Archaeological Museum and the National Epigraphic and Numismatic Museum, in Athens, Greece*

Stamatis C. Boyatzis, Andriana Veve, Galateia Kriezi, Technological Educational Institute of Athens; Elena Kontou, Numismatic Museum of Athens; Georgia Karamargiou, National Archaeological Museum of Athens; and Vasilike Argyropoulos, Technological Educational Institute of Athens

1. *New Approaches in Stabilizing Chloride-Contaminated Ancient Bronzes Using Corrosion Inhibitors and/or Electrochemical Methods to Preserve Information in the Patinas*

Vasilike Argyropoulos, Maria Giannoulaki, Stamatis C. Boyatzis, Technological Educational Institute of Athens; Aggeliki Zacharopoulou, National Technical University of Athens; Giorgios Moraitis, and Elodie Guilminot, EPCC Arc’Antique, Nantes

1. *Conservation Treatment and Archaeometallurgical Insights on the Medici Riccardi*

*Horse Head*

Nicola Salvioli, Florence; Stefano Sarri, Soprintendenza per I Beni Archeologici della Toscana, Florence; Juri Agresti, Iacopo Osticioli, and Salvatore Siano, Istituto di fisica Applicata “N. Carrara,” Consiglio Nazionale delle Ricerche, Florence

1. *The Cleveland Apollo: Recent Research and Revelations*

Peter Northover, October House, Southmoor, UK; Ernst Pernicka, Heidelberg University; and Colleen Snyder, Cleveland Museum of Art

1. *The Getty Herm of Dionysos: Technical Observations, Review, and Interpretation*

Jeffrey Maish, J. Paul Getty Museum

1. *A Technological Re-Examination of the Piombino Apollo*

Benoît Mille, Centre de Recherche et de Restauration des Musées de France (C2RMF)& Préhistoire et Technologie, Paris; and Sophie Descamps, Musée du Louvre, Paris

1. *New Results on the Alloys of the Croatian Apoxyomenos*

Iskra Karniš Vidovič, Croatian Conservation Institute, Zagreb; and Benoît Mille, Centre de Recherche et de Restauration des Musées de France (C2RMF)

1. *The Bronze Sculpture of Alexander the Great on Horseback: An Archaeometallurgical Study*

Salvatore Siano, Istituto di Fisica Applicata “N. Carrara,” Consiglio Nazionale delle Ricerche, Florence; Luigia Melillo, Museo Archeologico Nazionale, Naples; Stefano Sarri, Soprintendenza per i Beni Archeologici della Toscana, Florence; and Juri Agresti, Istituto di Fisica Applicata “N. Carrara,” Consiglio Nazionale delle Ricerche, Florence

1. *The Auloi from Meroë: Preliminary Notes on the Conservation, Technical Examination, and Interpretation of a Cache of Ancient Musical Instruments*Susanne Gänsicke, Museum of Fine Arts, Boston; and Stefan Hagel, Austrian Academy of Science, Vienna

46. *A Defined Protocol for* In-Situ *Micro-XRF Compositional Analyses of Bronze Figurines from the National Archaeological Museum of Damascus, Syria*

Vicky Kantarelou, Andreas-Germanos Karydas, Institute of Nuclear Physics, NCSR Demokritos, Athens; Luda Mahfoud, Abeer Qurdab, Mayada Al-Saadi, Directorate General of Antiquities & Museums, Syria; and Vasilike Argyropoulos, Technological Educational Institute of Athens

1. *Is There an Ultimate Authority in Authenticity? Testing and Retesting Alexander the Great*Lisa M. Anderson, Katherine Eremin, Henry Lie, Francesca Bewer, and Patrick Degryse, Harvard Art Museums, Cambridge, Massachusetts

Abstracts only

*The Riace Bronze Statues: Chemical, Textural, and Isotopic Investigation of the Metals*Ivana Angelini, Massimo Vidale, Gilberto Artioli, University of Padua; Giuseppe Guida, Istituto Superiore per la Conservazione ed il Restauro, Rome; and Mario Micheli, Università Roma Tre

*A Sleeping Eros from Epiais-Rhus: Contribution of a Technological Study*

Aurélia Azéma, Benoît Mille, Centre de Recherche et de Restauration des Musées de France, Paris; and Sophie Descamps-Lequime, Musée du Louvre, Paris

*Copper, War, and Art in Ancient Greece*

Soledad Díaz, Instituto del Patrimonio Cultural de España (IPCE), Madrid

*Modern and Ancient Metal Fakes: Composition, Patina, Production Technology, Technical Details*Alessandra Giumlia-Mair, AGM Archeoanalisi, Merano

*Examination, Conservation, and Analysis of a Composite Egyptian Ibis Statue*

Shimaa Mahmoud, Grand Egyptian Museum, Egypt; and Yasunori Matsuda, Japan International Cooperation Agency, Egypt

*Technical Examinations on the Parthian Bronze Coffin from the Archaeological Site of Chubtarash, Khorramabad, Western Iran*

Omid Oudbashi, Morteza Hassari, Art University of Isfahan; and Ata Hassanpour, ICHTO Office of Lorestan Province, Khorramabad

*The Material Interpretation of Ancient Large Bronzes: The Case of the Florentine Masterpieces*Salvatore Siano, Istituto di Fisica Applicata “Nello Carrara,” Consiglio Nazionale delle Ricerche, Florence