



The Sonia and Marco Nadler Institute of Archaeology  
The Jacob M. Alkow Department of Archaeology and Ancient Near Eastern Cultures  
The Chaim Rosenberg School of Jewish Studies and Archaeology  
The Lester and Sally Entin Faculty of Humanities

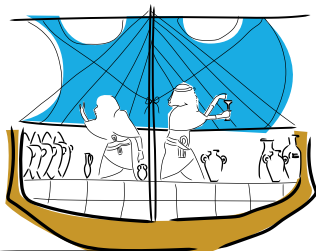
MINERVA  
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## Minerva-Gentner Symposium

# The power of ceramics

Transformations and interactions  
in the Eastern Mediterranean  
during the Late Bronze and Iron Ages



February 21-23, 2023

Tel Aviv University | Gilman building | Room 496

Zoom link to the conference 

# Tel Aviv University

The conference is supported by the Minerva Foundation



[Zoom link to the conference](#)

The Sonia and Marco Nadler Institute of Archaeology is proud to announce

# *The power of ceramics*

*Transformations and interactions  
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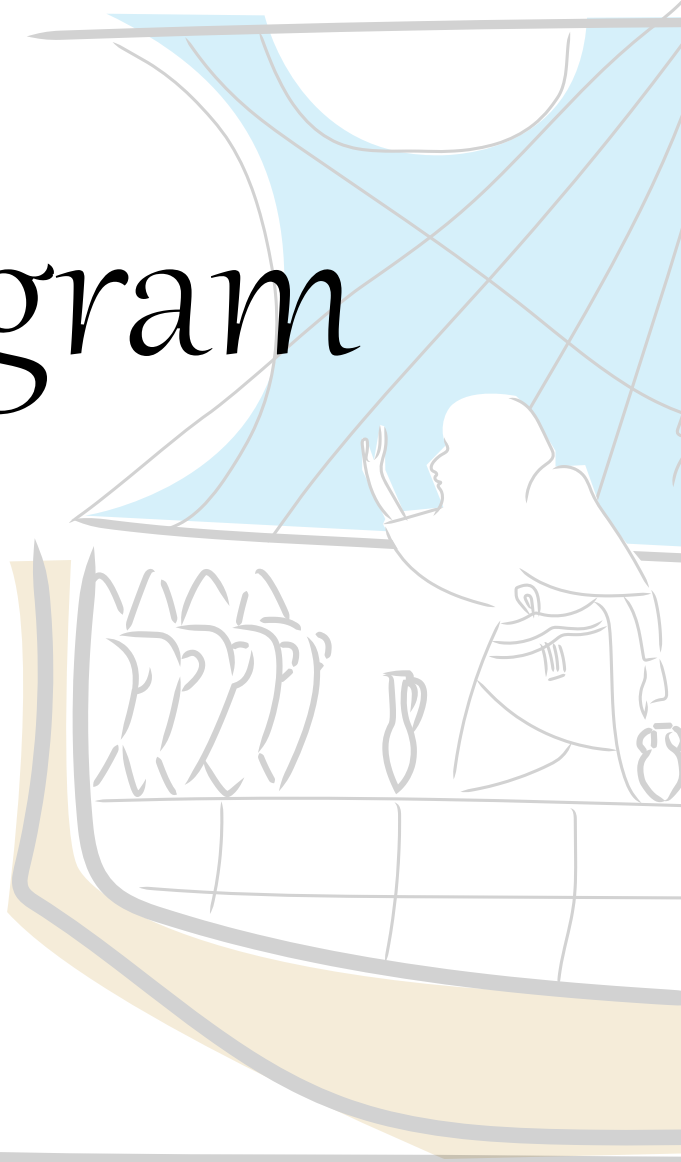
The symposium is organized by Dr. Paula Waiman-Barak and Prof. Oded Lipschits, Tel Aviv University, and Dr. Sabine Kleiman, Eberhard Karls Universität Tübingen/Tel Aviv University.

The aim of this symposium is to bring together European and Israeli archaeologists and scientists under the framework of ceramic studies from the Eastern Mediterranean in the Late Bronze and Iron Ages (2nd–1st millennia BCE). In recent years, numerous analytical studies have produced increasingly accurate information regarding pottery production, style, and movement. These efforts echo patterns of exchange rooted in chronological trajectories, which enable detailed reconstructions of ancient economies and their connections across the Mediterranean. The periods in focus are characterized by profound changes in the general social, political, and economic organization, from the downfall of the Late Bronze Age's major trading centers to the slow development of new polities during the early Iron Age.

Scholars working in the field of Eastern Mediterranean ceramic studies belong to different schools of thought and are situated in many places in Europe, the Levant and the Middle East. This symposium will give researchers the opportunity to exchange data from well-contextualized ceramic assemblages excavated at key archaeological sites in the Aegean, Cyprus, Anatolia, the Levant and Egypt. It will offer scholars of all levels – with a focus on early career researchers during their PhD or postdoctoral research – the chance to explore various methodologies and ways of investigating the studies of archaeological ceramics. Special attention will be given to a discussion of methodology,

particularly the strengths and weaknesses of each type of analysis and what method has the best potential. Alongside synthetic papers, we plan to present the integrated results from various archaeological projects that applied primarily ceramic petrography combined with other mineralogical or chemical analyses. There is also room for typological studies that have yet to be connected with archaeometric studies. Additional discussions will be dedicated to innovative works that explore the use of 3D computerized models to standardize analyses of volume and the production methods of ceramic vessels and organic residue analyses for reconstructing the transportation of organic goods in ceramic vessels and identifying pigments for the decoration of wares.

# Program



- 08:30** Morning coffee  
**09:00** Yuval Gadot | Welcome address

## Session 1

### Interaction and Transformation of Pottery – The Southern Levant

Chair: Elisabeth Wagner-Durand

- 09:20** Ido Koch | Powerful Interconnectedness  
**09:50** Ortal Harush | Learning Networks: Social Signatures in Material Culture – A View from the Iron Age II  
**10:20** Coffee break  
**11:00** Sabine Kleiman | The Potters of the Shephelah: Pottery Production and Exchange in the Late Bronze and Early Iron Ages  
**11:30** Golan Shalvi and Ayelet Gilboa | Fifty Shades of Purple: A Glimpse into the Dye Industry at Tel Shiqmona during the Iron Age

### 12:00 Visiting the laboratories of the institute

#### Lunch break

## Session 2

### Pottery Production and Distribution in Late Bronze and Iron Age Northern Syria and Turkey

Chair: Ekin Kozal

- 14:30** Marie-Henriette Gates and Murat Eroğlu | The Late Bronze Ceramic Industry at Kinet Höyük: An Ancient Cilician Seaport  
**15:00** Dirk Paul Mielke | Archäometric Approaches for the Characterization of Hittite Pottery  
**15:30** Coffee break  
**16:00** Gunnar Lehmann | The Early Iron Age at Kinet Höyük, Cilicia, Turkey

- 16:30** Sinem Hacıosmanoğlu, Mustafa Kibaroğlu, Hannah Mönninghoff and Joachim Opitz | Archaeometric Analysis of the Iron Age Cypro-Cilician White Painted Ware from Sirkeli Höyük and Comparison with the Regional Pottery Production in Plain Cilicia
- 17:00** Juliane Stein | Iron Age Pottery from Tell Rifaat: New Insights and Old Problems
- 17:30** Summary and end-of-the-day discussion
- 18:00** Dinner on campus
- 20:00** Wine in the dorms

**08:30** Morning coffee

## Session 3

### Pottery Production and Distribution in Late Bronze and Iron Age Cyprus and the Eastern Mediterranean 1

Chair: Constance von Rügen

**09:00** Maria Dikomitou-Eliadou and Artemis Georgiou | Late Bronze Age Ceramic Fabrics in Their Regional Setting: The Case of Paphos, Cyprus

**09:30** Maria Dikomitou-Eliadou and Anna Georgiadou | Cypro-Geometric and Cypro-Archaic Pottery Production at the Polity of Salamis, Cyprus: A Technological and Compositional Investigation of White Painted and Bichrome Pottery Wares

**10:00** Coffee break

**10:30** Teresa Bürge, Paula Waiman-Barak and Johannes H. Sterba | A Diachronic View on Intra-Cypriot Relations in the Late Bronze Age as Reflected in the Pottery from Hala Sultan Tekke: Typology, Technology and Provenance Studies

**11:00** Zachary C. Dunseth | What It Is and How It Was Made: Potential Use (and Abuse) of FTIR Spectroscopy in Ceramic Analysis, with a Special Case Study on Cypriot and Sardinian Nuragic Tableware from Hala Sultan Tekke

**11:30** Peter M. Fischer | Hala Sultan Tekke, Tell el 'Ajjul and Tell Abu al-Kharaz: Common Ceramics

**12:00** Hands-on student session at the petrography lab

Lunch break



## Session 4

### Pottery Production and Distribution in Late Bronze and Iron Age Cyprus and the Eastern Mediterranean 2

Chair: **Philipp W. Stockhammer**

**14:00**      **Paula Waiman-Barak** | Trade in the Eastern Mediterranean: New Perspectives

**14:30**      **Katja Soennecken** and **Luisa Goldammer** | Continuity and Change: Tall Zirā'a and Its Role in Trade and Cultural Networks

**15:00**      Summary and end-of-the-day discussion

**16:30**      **Tour of Jaffa with Shahar Gofer**  
**Dinner at the harbor**

**08:30** Morning coffee

## Session 5

### Trade in the Eastern Mediterranean during the Late Bronze and Iron Ages 1

Chair: **Gunnar Lehmann**

**09:00** Ekin Kozal and Gubaz Mustafa Kibaroglu | Style as Trademark: Production and Distribution of Red Lustrous Wheel-made Ware (ca. 1500–1200)

**09:30** Elina Kardamaki and Peter Day | Late 13th-century (LH IIIB2) Long-distance Trade between Mycenaean Greece and the Eastern Mediterranean

**10:00** Henning Franzmeier | Levantine Imports in Qantir-Piramesse: Can It Help Reconstructing the History of Egypt's Capital in the Transition from the Late Bronze Age to the Early Iron Age?

**10:30** Coffee break

**11:00** Assaf Kleiman, Alexander Fantalkin, Liora Bouzagalou and Israel Finkelstein | Aegean and Egyptian Imports in Late Iron Age Megiddo: Evidence of Greek Mercenaries?

**11:30** Ayelet Gilboa, Paula-Waiman-Barak, Gunnar Lehmann, Anna Georgiadou and Golan Shalvi | Cyprus and the Southern Levant during the Iron Age: A Non-Braudelian Ceramic Perspective

**12:00** **Hands-on session: Imported wares from Azekah and Megiddo**  
**Lunch break**

## Session 6

### Trade in the Eastern Mediterranean during the Late Bronze and Iron Ages 2

Chair: Assaf Kleiman

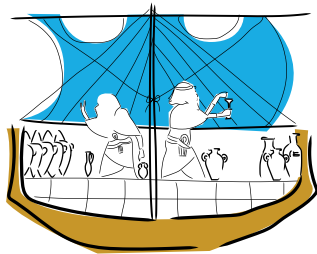
- 14:00**      **Vanessa Linares** | “The Invisible Trade”: Organic Residue Analysis of Small Ceramic Vessels from Tel Shadud, Tel Bene Beraq and Tel Yehud during the Late Bronze Age
- 14:30**      **Itzick Shai, Matthew Susnow and Chris McKinny** | The Social Interaction of Merchants and Indigenous Peoples in Late Bronze Age Cult
- 15:00**      Coffee break

## Session 7

### Theoretical and Practical Approaches to Production and Distribution of Pottery during the Late Bronze and Iron Ages

Chair: Artemis Georgiou

- 15:30**      **Constance von Rüden** | Between Skillful Routines and Creative Divergence: Embodied Cognition and the Study of Craft Practices in Archaeology
- 16:00**      **Elisabeth Wagner-Durand** | Style and Habitus: Early Iron Age Pottery Design in the Levant as Means of Expression and Communication
- 16:30**      **Philipp W. Stockhammer, Shlomit Bechar and Maxime Rageot** | Interaction and Transformation of Pottery in the Late Bronze Age: Integrating Theory, Practice and Science
- 17:00**      Summary of the main results and final discussion



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