



Cohn Institute for the History and Philosophy of  
Science and Ideas  
The Lester and Sally Entin Faculty of Humanities  
Tel Aviv University

The Chaim Rosenberg School of Jewish Studies  
and Archaeology  
The Lester and Sally Entin Faculty of Humanities  
Tel Aviv University

# Conference on Ancient Science

July 19, 2023 | 9:00 - 18:00  
Gilman 496, Tel Aviv University

9:00 – 9:30 Gathering

**Opening** | **Eshbal Ratzon** (Tel Aviv University)

9:30 – 11:00 First Session: **Egypt** | **Deborah Sweeney** (Tel Aviv University)

**Sarah Symons** (McMaster University): Observational Techniques in the Ramesside Star Clock of the Egyptian New Kingdom

**Andreas Winkler** (Freie Universität Berlin): Astronomy and Astrology in Demotic Elaborate Horoscopes

**Tanja Pommerening** (speaker), Annette Imhausen (Universität Marburg / Goethe-Universität Frankfurt am Main): New Ways to think about Egyptian Science

11:00 – 11:30 Coffee break

**Greetings** | **Rachel Gali Cinamon** (Dean of Humanities, Tel Aviv University)

11:30 – 13:00 Second session: **Mesopotamia** | **Amir Gilan** (Tel Aviv University)

**Wayne Horowitz** (Hebrew University): Infinity and Big Numbers in the Ancient Near East

**Susanne M. Hoffmann** (Universität Jena): Reconstructing Babylonian Constellations

**Yigal Bloch** (Bible Lands Museum Jerusalem): Applied Astronomy, Shifting Geography: Assyrian Court Scholars and Their Practical Interpretation of Babylonian Astronomical Tradition

13:00 – 14:00 Lunch break

14:00 – 15:30 Third session: **Greece** | **Shaul Katzir** (Tel Aviv University)

**Barbara Sattler** (Ruhr-Universität Bochum): Apeiron in Zeno, Aristotle and Euclid

**Marco Vespa** (Hebrew University): How to Do Things with Words: Etymology as a Heuristic Tool in the Construction of Aristotle's Anatomical Discourse

**Orna Harari** (Tel Aviv University): Finitism and Hero of Alexandria's Alternative Geometrical Constructions: A Possible Explanation

15:30 – 16:00 Coffee break

16:00 – 18:00 Fourth session: **Judea** | **Dalit Rom-Shiloni** (Tel Aviv University)

**Noga Ayali-Darshan** (Bar Ilan University): A Polemical Cosmogony: The Doxologies in the Book of Amos and Ancient Near Eastern Cosmogonies

**Naomi Hadad** (Tel Aviv University): A New Edition of 4Q319: A Calendrical-Sectarian Scroll

**Eshbal Ratzon** (Tel Aviv University): Calendrical Lexicography in Ancient Judaism

**Jonathan Ben-Dov** (Tel Aviv University): Sundials from Second Temple Judah and the Jewish Diaspora in their Intellectual Context

**Closing** | **Eshbal Ratzon** (Tel Aviv University)

We would appreciate it if you register: [here](#). To join the conference via Zoom, please click: [here](#).