



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



Cohn Institute for the History and Philosophy of Science and Ideas, Tel Aviv University  
Edelstein Center for the History and Philosophy of Science, Technology and Medicine, Hebrew University  
The Van Leer Jerusalem Institute

THE 34<sup>TH</sup> ANNUAL INTERNATIONAL WORKSHOP ON THE HISTORY AND PHILOSOPHY OF SCIENCE

# THE EVOLUTIONARY LENS

## ADDRESSING BIG QUESTIONS BY (RE)THINKING EVOLUTION

### A CELEBRATION OF EVA JABLONKA'S CAREER

**March 19–21** Tel Aviv University, Gillman bldg. Room 496

#### DAY 1 | MARCH 19<sup>TH</sup>

- 08:30-09:00** **Greetings and workshop overview**  
Shaul Katzir, chair, Cohn Institute  
Ehud Lamm, Cohn Institute
- 09:00-10:40** **SESSION 1**  
**09:00-09:50** Michael Lachmann, Santa Fe Institute for Complex Science [TBD]  
**09:50-10:40** Eörs Szathmáry, Eötvös Loránd University. **Evolution and Learning**
- 10:40-11:20** **coffee break**
- 11:20-13:00** **SESSION 2**  
**11:20-12:10** Zohar Bronfmann. **When Will Robots Be Sentient?**  
**12:10-13:00** Andrea Migliano, University of Zurich. **The Origins of Human Cumulative Culture: From the Foraging Niche to Irreversible Task Specialization**
- 13:00-14:05** **Lunch break**
- 14:05-16:00** **SESSION 3**  
**14:05-14:20** **Lightning Talk 1:** Zvi Hasnes-Beninson, Tel Aviv University. **Marxists Gonna Marxize: Early Criticism of Cultural Evolution**  
**14:20-15:10** Kim Sterelny, Australian National University. **The Evolution of Informational Commons**  
**15:10-16:00** Cecilia Heyes, University of Oxford. **Evolving Cognitive Gadgets**
- 18:00** **Dinner (for participants)**

#### DAY 2 | MARCH 20<sup>TH</sup>

- 12:40-14:20** **SESSION 4**  
**12:40-13:30** Yoav Soen, Weizmann Institute of Science. **Emergence, Sustainability and Adaptation by Natural Improvisation**  
**13:30-14:20** Oded Rechavi, Tel Aviv University. **RNA Memories.**  
**14:20-15:25** **Lunch Break**

- 15:25-17:20** **SESSION 5**  
**15:25-15:40** **Lightning Talk 2:** Topaz Halperin, Hebrew University of Jerusalem. **Evolutionary Thinking in Ecology**  
**15:40-16:30** Zanna Clay, Durham University. **The Evolution of Empathy and Expressions of Emotion**  
**16:30-17:20** Eva Jablonka, Tel Aviv University. **Between the Acts: Landscapes of Evelopment (not a typo!)**  
**17:20-18:00** **Coffee break & gathering** before Cohn Institute weekly colloquium.
- 18:00-19:30** **KEYNOTE SPEAKER**  
James Griesemer, University of California, Davis.  
**Jablonka and Lamb: Innovators of a Novel Logic of Research Questions about Inheritance Systems**

#### DAY 3 | MARCH 21<sup>ST</sup>

- 09:15-11:10** **SESSION 6**  
**09:15-09:30** **Lightning Talk 3:** Dor Shilton, Tel Aviv University. **Music and Social Bonding in the Enchanted Universe**  
**09:30-10:20** Limor Raviv, Max Planck Institute for Psycholinguistics, Nijmegen. **Studying Language Evolution in the Lab**  
**10:20-11:10** Daniel Dor, Tel Aviv University. **Language and the Transition to the Human Condition**  
**11:10-11:45** **Coffee break**
- 11:45-13:40** **SESSION 7**  
**11:45-12:00** **Lightning Talk 4:** Oryan Zacks, Tel Aviv University. **Major Evolutionary Transitions in Consciousness and Cognition**  
**12:00-12:50** Richard Moore, University of Warwick. **A Gradualistic Account of the Evolution of Syntactic Hierarchies**  
**12:50-13:40** **Final discussion:** Addressing Big Questions by (Re)thinking Evolution
- 13:40-15:00** **CONCLUDING REMARKS + TOAST**