



Workshop 'Plasticity and Constancy in Development and Evolution', Ben-Gurion University of the Negev, May 9-10, 2022

Confirmed speakers and working titles:

- Adrian Bird, University of Edinburgh: "Proteins that interpret genomic signals to stabilise cell identity"
- James Briscoe, Francis Crick Institute: "About time: The dynamics of nervous system development"
- Ariel Chipman, The Hebrew University of Jerusalem: "Serial homology and segmental identities in arthropod development and evolution"
- Ute Deichmann, Ben-Gurion University of the Negev: "The idea of constancy in development and evolution - scientific and philosophical perspectives"
- Denis Duboule, University of Geneva: "A molecular approach of constancy and constraints during vertebrate development"
- Douglas Erwin, Smithsonian Museum, Washington D.C.: "Bodyplans and Evolvability: How does the structure of the regulatory genome deliver novelty while ensuring continuity?"
- Eileen Furlong, EMBL, Heidelberg: "Understanding the impact of developmental perturbations with a new level of resolution"
- Andrew German, Ben-Gurion University of the Negev: "'Aristotle vs. Evolutionary Theory: Identifying the Most Difficult Question"
- Jeremy Gunawardena, Harvard Medical School: "Plasticity and constancy as learning and memory: a cognitive perspective on cellular behaviour"

- Edward Halper, University of Georgia: "Stability and Change: Some Ancient and Modern Perspectives"
- Philippa Lang, Emory University: "Boundaries of Change and Development in Ancient Greek Philosophy"
- Michael Levine, Princeton University: "Operons hiding in plain sight in metazoan genomes"
- Joseph Parker, California Institute of Technology: "Cell type evolution and the emergence of organ function"
- Ellen Rothenberg, California Institute of Technology: "Continuities between adaptive and innate immune-cell developmental programs: a clue to evolutionary history?"
- Stas Shvartsman, Princeton University: "Causality in developmental abnormalities associated with mutations in cell signaling systems"
- Benny Shilo, Weizmann Institute: "Generation and timing of graded responses to morphogen gradients"
- Alexander Stark, University of Vienna: "Decoding transcriptional regulation in Drosophila"