

The Extended Evolutionary Synthesis: Philosophical and Historical Dimensions

7th RUB-Workshop for History and Philosophy of the Life Sciences
21st – 22nd March 2019, Ruhr University Bochum, Beckmanns Hof

Program

Thursday, 21th March

- 9:00-9:15 Arrival and registration
- 9:15-9:30 Opening Comments (Jan Baedke & Christina Brandt, RUB)
- 9:30-11:00 Session 1 (Chair: Jan Baedke, RUB)
- Gerd B. Müller (KLI/University of Vienna):
The Extended Evolutionary Synthesis: Structure and Predictions
- Andrew Buskell (University of Cambridge):
*Arguing for the Extended Evolutionary Synthesis:
The Pragmatics of Theory-Change*
- 11:00-11:30 *Coffee/Tea*
- 11:30-12:15 Session 2 (Chair: Christina Brandt, RUB)
- Peter Hammerstein (Humboldt University of Berlin):
The Evolution of Theory in Evolutionary Biology
- 12:15-14:00 Lunch
- 14:15-15:45 Session 2 continued
- Ulrich Krohs (University of Münster):
Path Dependence and non-Kuhnian Revolutions in Evolutionary Biology
- Francesca Merlin (CNRS, Paris):
*Towards an Extended, Expanded or Inclusive Evolutionary Theory?
A Philosophical Analysis of a Scientific Change*
- 15:45-16:00 *Coffee/Tea*
- 16:00-17:00 Session 3 (Chair: Benedikt Fait, RUB)
- Jan Baedke (Ruhr University Bochum) & Daniel J. Nicholson (KLI, Vienna):
The Extended Evolutionary Synthesis: Old Wine in New Bottles?
- 19:00 *Dinner*

Friday 22nd March

9:30-11:00 Session 4 (Chair: Christina Brandt, RUB)

Eva Jablonka (Tel Aviv University):
The Disciplinary Matrix of the EES

Vanessa Lux (Ruhr University Bochum):
Epigenetics: Flexibilizing the Genome or Stabilizing Change?

11:00-11:30 *Coffee/tea*

11:30-12:15 Session 5 (Chair: Abigail Nieves Delgado, RUB)

Tobias Uller (Lund University):
Evolutionary Explanations

12:15-14:00 *Lunch*

14:15-14:45 Session 5 continued

Alejandro Fábregas Tejeda (UNAM, Mexico City):
*Explanation and the EES: Explanatory Integration, Epistemic Goals,
and Explanatory Power*

14:45-15:15 Coffee/Tea

15:15-17:00 Session 6 (Chair: Jan Baedke, RUB)

Philippe Huneman (CNRS, Paris):
*Tracing the controversy back to an Alternative within the Modern Synthesis:
Simple vs. Complex Evolution*

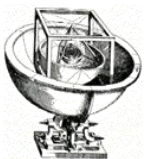
Comments and final discussion

Organization

Jan Baedke & Christina Brandt

Institute of Philosophy I,

The Centre for Anthropological Knowledge in Scientific and Technological Cultures (CAST),



CHAIR OF HISTORY AND PHILOSOPHY OF SCIENCE
RUHR UNIVERSITY BOCHUM



CAST

CENTRE FOR ANTHROPOLOGICAL KNOWLEDGE
IN SCIENTIFIC AND TECHNOLOGICAL CULTURES