

Consortium for the History and Philosophy of Biology

“History and philosophy of biology in honour of Jean Gayon”

IHPST, 13 rue du Four, Paris, 24-26 May 2019

Friday 24 May

13:00: Registration

14:00: Welcome

14:10: Kobi Finestone (Duke), “Replaying the Ticker Tape: Contingency and the Efficient Market Hypothesis”

- Comment: Francesca Merlin (IHPST, Paris)

15:00: François Duchesneau (Montreal), “The Cell as Elementary Organism : A Theoretical Invention”

- Comment: Caroline Angleraux (IHPST, Paris)

15:50: Coffee Break

16:10: Cécilia Bognon-Küss, (IHPST, Paris): "How nutrition shapes vital organization in the Enlightenment"

- Comment: Anda Danciu (Montreal)

17:00: Kevin Kaiser (Montreal), “Philosophy of interdisciplinarity and of biology : integration to solve the problem of integration”

- Comment: Matteo Mossio (IHPST, Paris)

17:50: Coffee Break

18:10: David Montminy (Montreal), “Variety of Explanatory Hypotheses and Robustness in Climate Science”

- Comment: Franck Varenne (Rouen)

19:00: End

19:30: Conference Dinner, Cercle des Universitaires, 12 rue Clément

Saturday 25 May

9:30: Keynote Speaker, David Chavalarias (ISC-PIF, Paris), "Science phylomemies and the multiscale reconstruction of the evolution of science"

- Comment: Victor Lefèvre (IHPST, Paris)

10:50: Coffee break

11:10: Delphine Olivier (IHPST, Paris), "Where should we look back to clarify the promises of predictive medicine?"

- Comment: Tim Lewens (HPS, Cambridge)

12:00: Raphael Scholl (HPS, Cambridge), "Unwarranted assumptions: Claude Bernard and the growth of the vera causa standard"

- Comment: Laurent Loison (IHPST, Paris)

13:00: Lunch Break

14:30: Jean-Baptiste Grodwohl (HPS, Cambridge), "Exploring the After-"After Darwin": neutral theories and the molecularization of population genetics"

- Comment: Felix Walpole (IHPST, Toronto)

15:20: Nicola Bertoldi (IHPST, Paris), "A style of scientific thinking for population genetics?"

- Comment: Frédéric Bouchard (Montreal)

16:10: Coffee Break

16:30: Hugh Desmond and Grant Ramsey (KU Leuven), "The Selective Environment as the Arena of Phylogenetic Competition"

- Comment: Nicolas Pastor (IHPST, Paris)

17:20: End

19:00: Senior Dinner, Bouillon Racine, 3 rue Racine

Sunday 26 May

9:30: Thibault Racovski (IHPST, Paris): "Towards a functional evo-devo: Bridging the gap between functionalist and structuralist approaches to evolutionary novelty"

- Comment: Denis Walsh (IHPST, Toronto)

10:20: Greg Rupik (IHPST, Toronto), "Recontextualizing the Modern Synthesis"

- Comment: Robert Brandon (Duke)

11:10: Coffee Break

11:30: François Papale (Montreal), "The Problem of Coordination in the Context of Classificatory Practices: the Case of Phylogenetics"

- Comment: Philippe Huneman (IHPST, Paris)

12:20: General discussion

13:00: End