

Workshop

Conceptualising the Environment: Contemporary philosophical issues

Paris (IHPST)
25-26 June 2018

Organizers

Antoine Dussault (Université de Montréal/CIRST/IHPST Université Paris 1)
Francesca Merlin (CNRS/IHPST Université Paris 1)
Gaëlle Pontarotti (Université Paris-Diderot/IHPST Université Paris 1)

Program

25th June 2018

9:45 - 10:00 am - Introduction to the workshop by the three organizers

Chair : Francesca Merlin (IHPST, CNRS & Université Paris 1)

Introductory Section: Historical Perspectives

10:00 - 10:45 am

From “milieu” to “environment”. Biology, sociology and political philosophy by Comte and Spencer

Fehrat Taylan (Université de Liège)

Section 1 : Environment in Molecular Biology (Genomics and Post-Genomics)

10:45 -11:30 am

Beyond two common metaphors: towards a better understanding of the environment at the molecular scale

Antonine Nicoglou (Université Paris-Diderot & IJM, LabEx ‘Who Am I?’)

11:30-12:00 am – *Coffee break*

12:00 - 12:45 am

The epigenome as an integrator of environmental signals

Jonathan Weitzman (Université Paris-Diderot)

1:00 - 2:30 pm – *Lunch*

Chair : Antoine Dussault (Université de Montréal/CIRST/IHPST Université Paris 1)

Section 2 : Environment in Developmental Biology

2:30 - 3:15 pm

For an interdisciplinary study of environment in epigenetics

Francesca Merlin (IHPST, CNRS & Université Paris 1)

3:15 - 4:00 pm

Normal and cancer stem cell niche

Lucie Laplane (IHPST, CNRS & Université Paris 1)

4:00 - 4:30 pm – *Coffee break*

4:30 - 5:15 pm

How different is the developmental niche from the selective niche?

Paul Griffiths (University of Sydney)

5:15 - 6:00

General discussion

8:00 pm : *Conference dinner*

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26th June 2018

Chair: Sophia Rousseau-Mermans (IHPST Université Paris 1/Université de Montréal)

Section 3 : Environment in Evolutionary Biology

9:00 - 9:45 am

Darwin and Kropotkin on the Role of Abiotic Environment in Evolution

Anne-Marie Gagné-Julien (Université du Québec à Montréal)

9:45 - 10:30 am

The Extended Synthesis plus one more thing

John Odling-Smee (Mansfield College, University of Oxford)

10:30 - 11:00 am – *Coffee break*

11:00 - 11:45 am

Environmental Heredity: Conceptual Ambiguities and Epistemological Issues

Gaëlle Pontarotti (Université Paris-Diderot & IJM, LabEx ‘Who Am I?’)

11:45 - 12:30 am

Environment as Abstraction

Denis Walsh (Toronto University)

12:30 - 2:00 pm – *Lunch*

Chair : Gaëlle Pontarotti (Université Paris-Diderot, IHPST Université Paris 1)

Section 4 : Environment in Ecology and in Earth sciences

2:00 - 2:45 pm

Environment : four versions in Ecology and Earth Sciences?

Denis Couvet (Museum national d'histoire naturelle, Paris)

2:45 - 3:30 pm

Ecological Niche Construction

Antoine Dussault (CIRST & IHPST)

3:30 - 4:00 pm – *Coffee break*

4:00 - 4:45 pm

Making Sense of Keystone Species-Environment Relationship: How The Ecological Niche Concept Can Help

Sophia Rousseau-Mermans (Université Paris 1 & Université de Montréal)

4:45 - 5:30 pm

Counterfactual, factual, abiotic, biotic, complex, unpredictable: what it's like to be an environment ?

Philippe Huneman (IHPST, CNRS & Université Paris 1)

5:30 - 6:30 pm - General discussion and conclusion par *Antoine Dussault, Francesca Merlin et Gaëlle Pontarotti*