

Fifth PhilInBioMed Network Meeting and Workshop “Philosophical Engagement with Biology and Medicine”

- Preliminary Program, 2nd Version -

Monday, Sep 30th (PhilInBioMed Network meeting)

9.00 – 9.30	<i>Registration</i>
9.30 – 9.45	Welcome
9.45 – 11.00	<u>Keynote Duo Talk: Sex and Gender in Medical Research:</u> Sabine Oertelt-Prigione (U Bielefeld & U Nijmegen) & Kirstin Borgerson (U Dalhousie)
11.00 – 11.30	<i>Coffee Break</i>
11.30 – 12.00	Marion Boulicault (U Edinburgh): Risky sex data: precision medicine, big data and the ossification of a sex binary
12.00 – 12.30	<u>Flash Talks Group 1:</u> Pieter R. Adriaens (U Leuven): Ignorance and the placebo effect Harriet Fagerberg (U Cambridge, online participation) & Adrian Kind (Charité Berlin): Taking Computational Psychiatry at its Word: Psychiatric Disorders as Outcomes of Normal Learning Ozan Altan Altinok (U Hannover): A Disease Vulnerability Before Disease Approach for Disease Simon Okholm (U Bordeaux): Has cancer been a force of selection in human evolution?
12.30 – 13.30	<i>Lunch</i>
13.30 – 14.00	Republica Acharyya (Indian Institute of Technology, Guwahati): Reconceiving ‘evidence’ in EBM: patient narratives and fibromyalgia
14.00 – 14.30	Helene Scott-Fordsmand (U Cambridge): Understanding classification systems as models – a case study from clinical reasoning in orthopaedic surgery
14.30 – 15.00	James Turner (U Sheffield): Depression is Not a Dysfunction
15.00 – 15.30	<i>Coffee Break</i>
15.30 – 16.00	Enno Fischer (U Dresden) & Saana Jukola (U Twente): Causal Inferences in Forensic Medicine
16.00 – 16.30	Elena Popa (U Krakow): Using Philosophical Approaches to Causation to Specify Causal Claims Featuring Social Determinants of Health
16.30 – 16.45	<i>Short Break</i>
16.45 – 18.00	<u>Keynote Duo Talk: Major Transitions in Evolution:</u> Samir Okasha (U Bristol, online participation) & Paul Rainey (MPI Plön)
18.30	<i>Dinner at ZiF</i>

Tuesday, Oct 1st (PhIlInBioMed Network meeting)

- 9.30 – 10.00 **Anton Killin** (U Bielefeld): Reconsidering Neanderthal aesthetics: an archaeologically-oriented evolutionary aesthetics perspective
- 10.00 – 10.30 **Mathilde Lequin** (U Bordeaux): Objectivity in the study of human evolution: overcoming the tension between paleoanthropology and paleogenetics
- 10.30 – 11.00 **Matthew Coates** (U California, Irvine): Multilayer Networks and the Evolution of Risky Cooperation
- 11.00 – 11.30 *Coffee Break*
- 11.30 – 12.00 **Jonathan Sholl** (U Bordeaux): Analyzing and evaluating nutrition frameworks
- 12.00 – 12.30 Flash Talks Group 2:
Adrian Currie (U Exeter): Paleart as Science: speculation and genre-convention in the historical sciences
Vanessa Lovato (U Cincinnati): Persistent Adaptationism in the Evolution of Female Orgasm
Katie Plaisance (U Waterloo): Biological Scientists' Views about and Experiences with Philosophy and Philosophers of Science
Rachel Ankeny (U Adelaide) & **Sabina Leonelli** (TU München): The Future of the Model Organism Repertoire
- 12.30 – 13.30 *Lunch*
- 13.30 – 14.00 **Jan Pieter Konsman** (U Bordeaux): A proposal to better distinguish homeostasis and robustness in the life sciences
- 14.00 – 14.30 **Robert Frühstückl** (U Bielefeld): The problem of context dependence in ecology
- 14.30 – 15.00 Flash Talks Group 3:
Breanne Sparta (U California, LA): A lack of distinct cell identities in single-cell measurements: revisiting Waddington's landscape
Juncheng Tao (U Bordeaux): Enhancing Tools for Quantitative Analysis of Astrocyte Morphology: A Theoretical Approach
Marlene van den Bos (U Bielefeld): Individual-Based Research - a new scientific practice?
- 15.00 – 15.30 *Coffee Break*
- 15.30 – 16.00 **Javier Suárez** (U Oviedo) & **Federico Boem** (U Bochum): Epistemic misalignments in microbiome research
- 16.00 – 16.30 **Bengt Autzen** (U Cork): Oversplitting and Bayesian Species Delimitation
- 16.30 – 16.45 *Short Break*
- 16.45 – 18.00 Keynote Duo Talk 3: Animal Personality
Caroline Müller (U Bielefeld) &
Marie I. Kaiser (U Bielefeld)
- 19.00 *Workshop Dinner (restaurant "The Bernstein")*

Wednesday, Oct 2nd (Interactive Workshop on the PhilInBioMed Approach)

Panel A: Forms of Engaging with Scientific Practice

Moderator: Katie Morrow (U Bielefeld)

9.15 – 9.35 **Katie Plaisance** (U Waterloo)

9.35 – 9.55 **Tina Heger** (Leibniz Institute of Freshwater Ecology & Inland Fisheries, Berlin)

9.55 – 10.15 **Sarah Yvonnet** (U Copenhagen)

10.15 – 11.00 Joint Discussion

11.00 – 11.30 Coffee Break

Panel B: The Methods Toolbox of Philosophers

Moderator: Fridolin Gross (U Bordeaux)

11.30 – 12.15 Podium discussion: Moderated discussion between experts

1. **Adrian Currie** (U Exeter)

2. **Alkistis Elliott-Graves** (U Bielefeld)

3. **Elisabetta Lalumera** (U Bologna)

4. **Sabina Leonelli** (TU Munich)

12.15 – 13.00 Podium discussion: Questions by the audience

13.00 – 14.00 Lunch

Panel C: Towards an Integrative Approach

Moderator: David Lambert (U Bielefeld)

14.00 – 14.20 Input talk 1: **Marion Boulicault** (U Edinburgh)

14.20 – 14.40 Input talk 2: **Miles MacLeod** (U Twente)

14.40 – 15.20 Joint Discussion

15.20 – 15.50 Coffee Break

Panel D: Developing the PhilInBioMed Approach further

Moderator: Lara Keuck (U Bielefeld)

15.50 – 16.30 Inputs by workshop participants and members of the *PhilInBioMed* Network

1. **Lucie Laplane** (U Panthéon-Sorbonne, Paris)

2. **Thomas Pradeu** (U Bordeaux)

3. **Rachel Ankeny** (U Wageningen)

4. **Michele Luchetti** (U Bielefeld)

16.30 – 18.00 World Café Discussion

Dinner (self-organized)