

Phenomenological Approaches to Physics QBism and Phenomenology, Compared and Contrasted

Monday, June 15, 2020

- 9:00-9:30 Opening Address: **Karin Axelsson** (Dean, Faculty of Arts and Sciences at LiU)
- 9:30-11:00 **Christopher Fuchs** (University of Massachusetts, Boston): *QBism, Where Next?*
- 11:00-11:30 Coffee break
- 11:30-12:30 **Florian Boge** (RWTH Aachen): *(Something like) eidetic variation as a supplement to (some version of) QBism*
- 12:30-1:30 **Arezoo Islami** (San Francisco State University): *Wigner, QBism and Phenomenology*
- 1:30-3:00 Lunch
- 3:00-4:30 **Thomas Ryckman** (Stanford University): *A phenomenological approach to the Born rule*
- 4:30-5:00 Coffee Break
- 5:00-6:00 **Kevin Mager** (Loyola University Chicago): *QBism and Perception's Silent Thesis: An Attempt at a Phenomenological Grounds for Probability and Approximation*
- 6:00-7:00 **Nathaniel Burke** (San Francisco State University): *Constructive Empiricism and Husserl's World of Science*

Tuesday, June 16, 2020

- 9:30-11:00 **Rüdiger Schack** (Royal Holloway, University of London): *Wigner's Friend and QBism's Copernican Principle*
- 11:00-11:30 Coffee break
- 11:30-12:30 **Philip Goyal** (SUNY Albany): *Informational Reconstruction of Quantum Theory, and its Implications for the Development of a Philosophical Understanding of Quantum Theory*
- 12:30-1:30 **Tina Bilban** (Institute Nova Revija): *Bohr and Husserl visit the QBist chambers*
- 1:30-3:00 Lunch
- 3:00-4:30 **Michel Bitbol** (ENS, Paris): *Now in Quantum Physics and Phenomenology*
- 4:30-5:00 Coffee Break
- 5:00-6:00 **Laura de la Tremblaye** (University of Geneva): *From William James to Husserl: reexamining philosophical implications of QBism*
- 6:00-7:00 **Delicia Kamins** (Stony Brook University): *Is Denying Objectivity a More Pragmatic Approach to Quantum Mechanics?*

Wednesday, June 17, 2020

- 9:30-11:00 **Piet Hut** (Institute for Advanced Study, Princeton): *Towards a Fully Empirical Science and Technology*
- 11:00-11:30 Coffee break
- 11:30-12:30 **Jacques Pienaar** (University of Massachusetts, Boston): *QBism and the embodied Agent*
- 12:30-1:30 **Moritz Kriegleder** (University of Vienna): *The enactive perspective of the QBism Hero*
- 1:30-3:00 Lunch
- 3:00-4:30 **Robert Crease** (Stony Brook University): *Overcoming the "Phenomenological Dilemma" in Quantum Mechanics*
- 4:30-5:00 Coffee Break
- 5:00-6:00 **Paul Rubery** (Stony Brook University): *From Fixation to Fulfillment: Husserlian Phenomenology and QBist Notions of Belief*
- 6:00-7:00 **Mahdi Khalili** (Sharif University of Technology, Tehran): *From a Phenomenological Perspective to a Perspectival Realism*
- 7:00 Closing Address (Philipp Berghofer, Jan-Åke Larsson & Harald Wiltsche)

For further information, please visit the conference homepage: <https://liu.se/en/research/phenomenological-approaches-to-physics-conference-2020>.

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