

MACHINE LEARNING AND EXPLANATION IN COGNITIVE SCIENCE

October 15 – 16, 2018

Institute of Philosophy, Czech Academy of Sciences
Academic Conference Center, Husova 4a, Prague

Monday, October 15

- 10:00 – 11:20 **Carlos Zednik** (University of Magdeburg)
The Black Box Problem and the Norms of Explainable AI
Coffee
- 11:30 – 12:20 **Mel Andrews** (Tufts University)
Mind the (informational) Gap: Mind, Machine, and the Space in Between
Lunch
- 14:00 – 15:20 **Willem Zuidema** (University of Amsterdam)
Opening the Black Box of Neural Grammars (or: Opening a Back Door to Graded Categories in Linguistic Theory)
Coffee
- 15:30 – 16:40 **Hasse Hamalainen** (Jagiellonian University)
Artificial Intelligence and Moral Perception
Coffee
- 16:50 – 17:40 **Levin Hornischer** (University of Amsterdam)
Towards a Domain-theoretic Framework for Describing the Behavior of Neural Networks
- 18:30 **Banquet**

Tuesday, October 16

- 10:00 – 11:20 **Jakub Szymanik** (University of Amsterdam)
Ease of Learning Explains Semantic Universals
Coffee
- 11:30 – 12:20 **Cameron Beebe** (Ludwig Maximilian University of Munich)
Black Boxes or Rube Goldberg Machines? Neural Networks as Cybernetic Regulators