

Explaining without Causes

Non-causal Explanation in the Sciences, Mathematics and Philosophy

Day 1 | Friday | December 6

9:15 Welcome

9:30 – 10:45 **Marc Lange** (University of North Carolina)

Aspects of Mathematical Explanation

11:00 – 12:15 **Laura Felling** (University of Louvain)

Mechanisms Meet Structural Explanation

12:15 – 13:45 Lunch Break

13:45 – 15:00 **Andreas Hüttemann** (University of Cologne)

Part-whole Explanation

15:15 – 16:30 **Mazviita Chirimuuta** (University of Pittsburgh)

Efficient Coding Explanations in Neuroscience

16:45 – 18:00 **Matteo Colombo** (Tilburg University), **Stephan Hartmann** (LMU Munich) and **Jan Sprenger** (Tilburg University)

A Bayesian Account of Explanatory Reasoning

Day 2 | Saturday | December 7

9:30 – 10:45 **Benjamin Schnieder** (University of Hamburg)

Causes and Beauses

11:00 – 12:15 **Siegfried Jaag** (University of Luxembourg)

Do laws really explain their instances?

12:15 – 13:45 *Lunch Break*

13:45 – 15:00 **Juha Saatsi** (University of Leeds)

Worthwhile distinctions: Kinematic, dynamic, (non-)causal

15:15 – 16:30 **Alexander Reutlinger** (University of Cologne / LMU Munich)

How To Make A Non-causal Difference

16:45 – 18:00 **Brad Skow** (Massachusetts Institute of Technology)

A Strategy for Resisting Alleged Examples of non-Causal Explanations

To register please contact Alexander Reutlinger:

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