École doctorale 433 : « Concepts et langages »

Causality and experimentation in the sciences

8th conference in the « Causality in the sciences » conference series

SND, université Paris-Sorbonne
IHPST, université Paris 1 Panthéon-Sorbonne
1, 2 and 3 July 2013

http://caeits.sciencesconf.org/
Monday, July 1st 2013

9h15 Registration and welcome

10h Tamar Kushnir, Cornell University
Children Use Social Knowledge to form a « Theory of Evidence »
Coffee break

11h30 Matthias Egg, University of Lausanne
Non-local Causality in EPR-type Experiments

12h Matt Farr, University of Sydney
Causation and Initial Conditions in Time-Reversal Symmetric Physics
Lunch break

14h Peter Spirtes, Carnegie Mellon University, Pittsburgh
Causal Search Algorithms, Graphical Models, and Experimentation

15h Dylan Hutchison and Samantha Kleinberg, Stevens Institute of Technology, Hoboken
Causal Inference under Uncertainty via adjustments and SOPDs

15h30 Michael Baumgartner, University of Osnabrück
Is It Possible to Experimentally Reveal non-reductive Mental Causation?
Coffee break

16h30 Alexandre Marcellesi, University of California, San Diego
Interventionism: Don’t Believe the Hype!

17h Alexander Reutlinger, University of Cologne
Interventions, Counterfactuals and the Open-systems Argument

17h30 Alexander Gehrarter, University of Düsseldorf
Old and New Problems for Woodward’s Interventionist Theory of Causation
Tuesday, July 2nd 2013

9h30 Marcel Weber, Université de Genève
Is Causal Inference All You Need in Experimental Biology?

10h30 Marcus Missal, Université Catholique de Louvain
Causality and Prediction in the Oculomotor System

Coffee break

11h30 Maria Kronfeldner, University of Bielefeld
Norms of Reactions and Causal Explanation: The Tenacity of the ‘Genes for’ Approach and Two Kinds of Reconstituting the Phenomena

12h Phyllis Illari, University College London and Federica Russo, Vrije Universiteit Brussel
Information and Biomarkers of Disease

Lunch break

14h Francesco Guala, University of Milan
Experiments as Measurement Tools: from Economics to Anthropology

15h Tobias Henschel, University of Heidelberg
Some Problems of Causal Inference from Non-experimental Data in Macroeconometrics

15h30 Jaakko Kuorikoski and Caterina Marchionni, University of Helsinki
Neuroeconomics as Triangulation

Coffee break

16h30 Federica Russo, Vrije Universiteit Brussel
What is invariance and how to test it

17h Dieneke Hubbeling, South West London and St George’s NHS Mental Health Trust, London
Finding Out About Causal Influences in Different Ways

17h30 Inge De Bal, Bert Leuridan and Erik Weber, Ghent University
Interventionism, Policy and Varieties of Evidence for Causal Claims

20h Conference dinner
Wednesday, July 3rd 2013

9h30 Gianluca MANZO, Paris-Sorbonne University
Agent-based Modeling and Types of Causality

10h30 Lorenzo CASINI, Munich Center for Mathematical Philosophy
Interventions, Simulation, and Causal Inference

Coffee break

11h30 Mark FEDYK, Mount Allison University
There is More Causal Knowledge in the Ethical Domain than can be Experimentally Investigated

12h Maria JIMENEZ BUEDO, Universidad Nacional de Educación a Distancia
Internal and External Validity: Implicit Assumptions about Causal Inference from Experiments

Lunch break

14h Uljana FEEST, Technische Universität Berlin
Experiments and the Method of Converging Operations

15h Julian REISS, Durham University
A Theory of Evidence for Causal Claims

15h30 Sudeepa ABEYSINGHE and Justin PARKHURST, London School of Hygiene and Tropical Medicine
The Use of Evidence in Health Policy: the Practical Implications of Getting Research into Practice

Coffee break

16h30 Alexander PRESCOTT-COUCH, Harvard University
Two Problems for Interventionism

17h Victor GIJSBERS, Leiden University and Leon DE BRUIJN, Radboud University Nijmegen and Bochum University
An Agency-Interventionist Account of Causation

17h30 Esteban CÉSPedes, J.W. Goethe University in Frankfurt am Main
Is Overdetermination a Possible Experiment?
Coffee breaks will be provided in the lobby at Maison de la Recherche.

The conference dinner will take place on Tuesday, July 2nd at the Mabillon University restaurant (location: 3 rue Mabillon, 75 006 Paris). While dinner will be free for speakers, the other participants are very welcome to join (prix fixe menu is 30 €).

During the three days of the conference, all participants can have lunch at the cafeteria located at the same place (complete lunch costs around 10 €).

Organization: Isabelle DROUET (isabelle.drouet@paris-sorbonne.fr), Max KISTLER (mkistler@univ-paris1.fr), with the support of the SoPhA.