

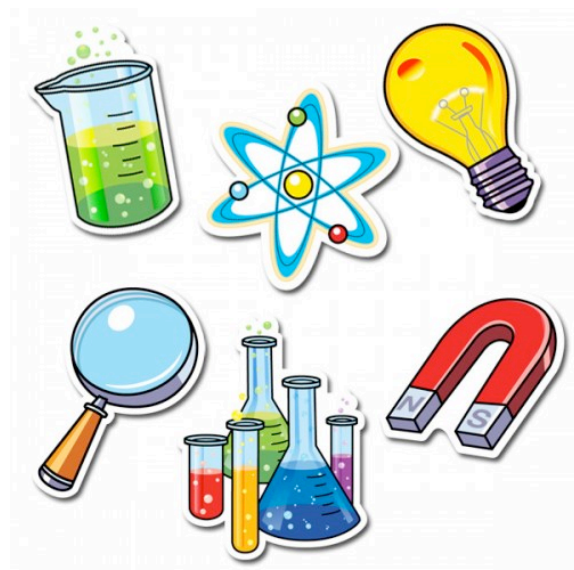


École doctorale 433 : « Concepts et langages »

## 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 GEBHARTER, 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 HENSCHEN, 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 BRUIN, Radboud University Nijmegen and Bochum University**

An Agency-Interventionist Account of Causation

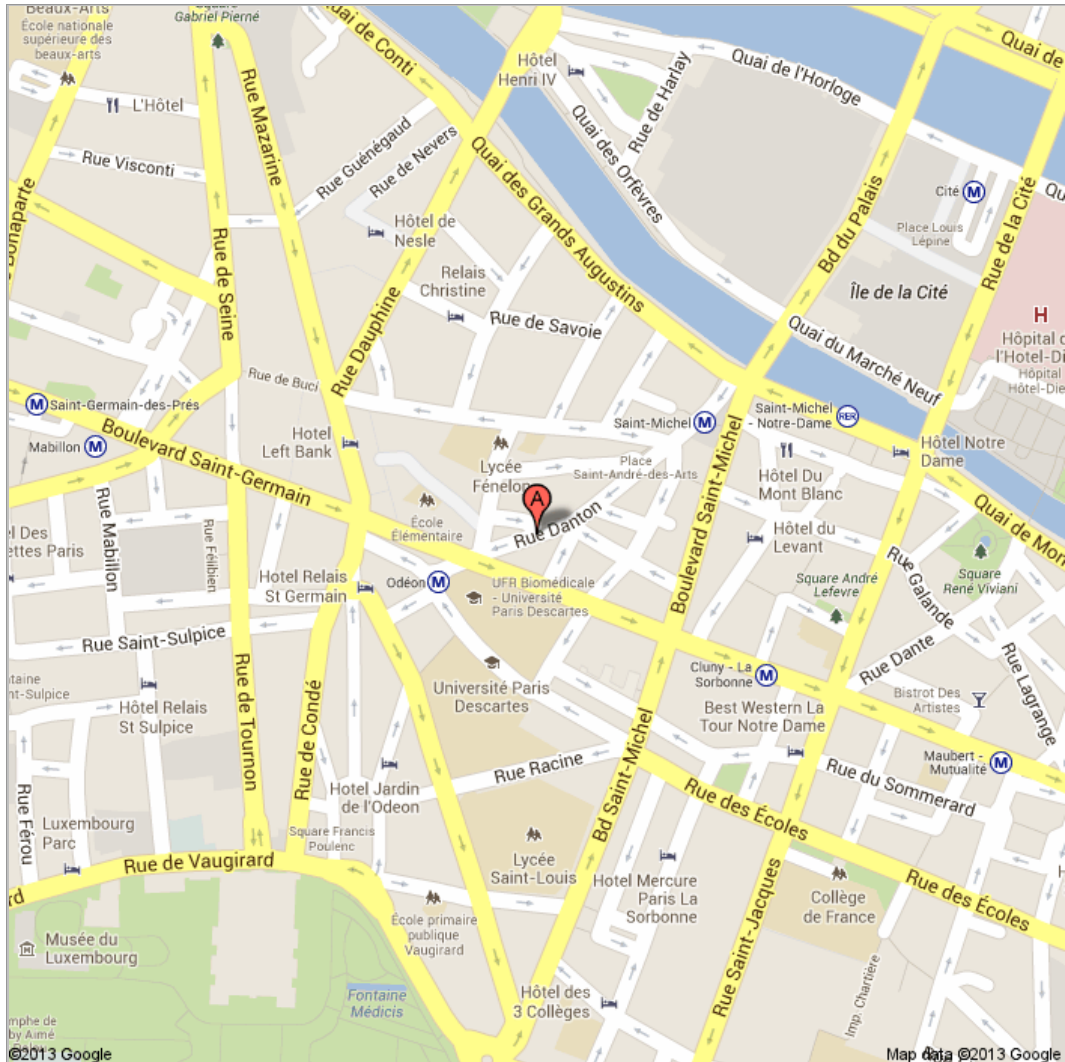
**17h30 Esteban CÉSPEDES, J.W. Goethe University in Frankfurt am Main**

Is Overdetermination a Possible Experiment?

Venue: Maison de la recherche, 28 rue Serpente, 75006 Paris.

Métro: Saint-Michel or Odéon

Room: Salle de conférences (D 035)



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](mailto:isabelle.drouet@paris-sorbonne.fr)), Max KISTLER ([mkistler@univ-paris1.fr](mailto:mkistler@univ-paris1.fr)), with the support of the SoPhA.