

**Workshop:**  
**Formal Epistemology Meets Experimental  
Philosophy**



**Tilburg, 29.09.2011 - 30.09.2011**

## Synopsis

Over the years, the methodological toolbox of philosophers of science has widened considerably. Today, formal and experimental methods importantly complement more traditional methods such as conceptual analysis and case studies. So far, however, there has not been much interaction between the corresponding communities. Formal work is all too often conducted in an a priori fashion, drawing on intuitions to substantiate various assumptions and to test their consequences. Experimental work, on the other hand, is often limited to testing various assumptions and intuitions, and often does not identify or create new phenomena that can subsequently be integrated into a formal framework. The working assumption of this workshop is that philosophy of science can gain a lot from combining formal and experimental studies. By doing so, philosophy of science will become increasingly scientific as a crucial aspect of the scientific endeavor lies in the combination of formal theories and experimental insights.

This workshop aims to explore the relation between formal and experimental approaches to the philosophy of science. We invite meta-theoretical papers, but especially papers that fruitfully combine both methods to problems from the philosophy of science. This first Pittsburgh-Tilburg workshop will pay special attention to the philosophy of the social sciences, but a focus on other subfields of philosophy of science is also welcome.

**Organizers:** Stephan Hartmann (Tilburg University), Chiara Lisciandra (Tilburg University), Edouard Machery (University of Pittsburgh)

## Keynote Speakers

Cristina Bicchieri (University of Pennsylvania), Mark Colyvan (Sydney Centre for the Foundations of Sciences), Ralph Hertwig (University of Basel)

## Publication

Selected papers will be published in a special issue of *Synthese* (subject to the usual refereeing process). The submission deadline is 31 December 2011. The maximal paper length is 7000 words.

## Program

### Thursday 29.09

10:00 - 11:00	Registration	
11:00 - 11:15	Opening	
	Room AZ 019	
<i>Plenary session</i>	Chair: Chiara Lisciandra	
11:15 - 12:30	Cristina Bicchieri: <i>Punishment, Compensation, and Reward: How Equity and Equality Matter</i>	
12:30 - 02:00	<i>Lunch</i>	
	Room AZ 209	Room 210
<i>Parallel sessions</i>	Chair: Mark Colyvan	Chair: Jonah Schupbach
02:00 - 02:45	Ryan Muldoon: <i>Perspectival Diversity and Belief Polarization</i>	Niki Pfeifer and Igor Douven: <i>Formal Epistemology + Psychology of Reasoning = Experimental Philosophy of Uncertain Reasoning</i>
02:45 - 03:30	Giacomo Sillari: <i>Knowledge, Common Knowledge and Coordination</i>	Giovanna Devetag and Hykel Hosni Katya Tentori: <i>Vincenzo Crupi and Selena Russo New Evidence on Probability, Confirmation and the Conjunction Fallacy</i>
03:30 - 04:00	<i>Coffee break</i>	
04:00 - 04:45	Carl Wagner: <i>The Corroboration Paradox</i>	Matthias Unterhuber and Gerhard Schurz: <i>The Tweety Problem - Consequences for Probabilistic Approaches in Reasoning and Cognitive Science</i>
	Room AZ 210	
<i>Plenary session</i>	Chair: Edouard Machery	
04:45 - 06:00	Ralph Hertwig: <i>The Psychology and Rationality of Decisions from Experience</i>	
07:30 - 10:00	<i>Dinner</i>	

## Friday 30.09

	Room AZ 019	Room AZ 210
<i>Parallel sessions</i> 09:30 - 10:15	Chair: Erik Olsson Soroush Rafiee Rad and Stephan Hartmann: <i>Anchoring in Deliberations</i>	Chair: Vincenzo Crupi Sylvia Wenmackers: <i>Stratified Belief: Rational Beliefs for Real People</i>
10:15 - 11:00	Dominik Klein and Jan Sprenger: <i>The Epistemic Benefits of Deliberation and Expertise Recognition</i>	Benedikt Lwe and Bart van Kerkhove: <i>The Scope and Methodology of Empirical Philosophy</i>
11:00 - 11:30 <i>Parallel sessions</i> 11:30 - 12:15	<i>Coffee break</i> Chair: James Overton Jonah Schupbach: <i>Experimental Explication</i>	Chair: Cristina Bicchieri Edouard Machery: <i>Testing Formal Models of the Evolution of Kinds of Norms</i>
12:15 - 01:00	Joshua Shepherd and James Justus: <i>Explication and Experimental Philosophy in Formal Epistemology</i>	Chiara Lisciandra: <i>Conformity: A Study on Conformity and Normative Judgment</i>
01:00 - 02:30 <i>Parallel sessions</i> 02:30 - 03:15	<i>Lunch</i> Chair: Carl Wagner Erik Olsson and Staffan Angere: <i>What is the Optimal Size of a Deliberating Jury?</i>	Chair: Niki Pfeifer Vincenzo Crupi and Katya Tentori: <i>Two Representation Theorems for Probabilistic Explanatory Power</i>
03:15 - 04:00	Sylvia Wenmackers, Danny Vanpoucke and Igor Douven: <i>Determining the Probability of Inconsistencies in Theory Updating Under Bounded Confidence</i>	James Overton: <i>"Explanation" in Scientific Discourse</i>
04:00 - 04:30	<i>Coffee break</i> Room AZ 019	
<i>Plenary session</i> it 04:30 - 05:45	Chair: Stephan Hartmann Mark Colyvan: <i>Idealisations in Normative Models</i>	