

**“The Authority of Science” conference program
8-10 April 2011, University of Sydney**

THE 4TH SYDNEY-TILBURG CONFERENCE ON THE PHILOSOPHY OF SCIENCE:

**“THE AUTHORITY OF SCIENCE”
8-10 APRIL 2011**

Note: All talks will take place in the New Law School building

FRIDAY, APRIL 8

**5.00-
7.00pm**

Roundtable: New Law School foyer

“IS SCIENCE JUST ANOTHER VOICE IN THE POLICY DEBATE?”

**Discussants: Theodore L. Brown, Sir Peter Gluckman, Christian List, Rosemary Lyster
Moderated by Paul Willis**

SATURDAY, APRIL 9

**9.00-
10.00am**

**Keynote I: Law School Lecture Theatre 106
Mary O’Kane**

**10.00-
10.30am**

Coffee break

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| 10.30am- 12.00pm | Parallel session A | | | |
| | Seminar Room 100 | Seminar Room 102 | Seminar Room 105 | Seminar Room 107 |
| | <p><u>“Authority of Instruments” panel:</u> Victor Boantza Elements as Instruments of Analysis: Exploring the Authority of Instruments in Early Modern Chemistry Ofer Gal Radical Instrumentalism Margaret Carlyle Modelers and Makers, Midwives and Medical Men: Debating the Authority of Birthing Instruments in Enlightenment France Ian Wills Thomas Edison and the authority of inventions</p> | <p>Stefaan Blancke and Maarten Boudry Science as a rhetorical device: The authority of ‘science’ in the evolution/creation debates Maarten Boudry and Stefaan Blancke Nec plus ultra - restricting the epistemic authority of science Pamela Lyon Ground on which to stand: biology and the authority of science</p> | <p>Mark Burgman et al. Expert performance and the psychology of status Stephan Hartmann Voting, Deliberation, and Truth Jan Sprenger Applying the Precautionary Principle to various forms of uncertainty</p> | <p>Jim Franklin Evaluating extreme risks: expert authority and data-free statistics Fabien Medvecky The authority in controversial science Huw Price tbc</p> |
| 12.00- 1.30pm | <i>Lunch</i> | | | |
| 1.30- 2.30pm | Plenary 1: Law School Lecture Theatre 106 Theodore L. Brown | | | |

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| 2.30-4.00pm | Parallel session B | | |
| | Seminar Room 100 | Seminar Room 102 | Seminar Room 105 |
| | <p>David Castle et al. Democracy deficits and epistemic deficits in the assessment of new technologies</p> <p>Artur Koterski The Problem of Meta-Criterion of Demarcation Between Science and Pseudo-Science</p> <p>Anna Stoklosa and David Castle The authority of scientific evidence in Health Technology Assessment models</p> | <p>Mark Colyvan The Science of Decision</p> <p>Mariam Thalos A Distributed Model of Normative Choice for Public Policy</p> <p>Al Hájek tbc</p> | <p>Craig Dalton The scientific authority of public health in the philosophy-free zone</p> <p>Jacob Pearce Fluoridation in Victoria: the authority of science, public health policy, and culture</p> <p>Joan Leach Authority and Popular Science</p> |
| 4.00-4.30pm | <i>Coffee break</i> | | |
| 4.30-5.30 | Plenary 2: Law School Lecture Theatre 106 Rosemary Lyster | | |
| SUNDAY, APRIL 10 | | | |
| 9.00-10.00am | Keynote II: Law School Lecture Theatre 106 Sir Peter Gluckman | | |
| 10.00-10.30am | <i>Coffee break</i> | | |

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| 10.30am-12.00pm | Parallel session C | | |
| | Seminar Room 100 | Seminar Room 102 | Seminar Room 105 |
| | <p>Silvia Di Bianchi The Authority of Science and H. Weyl's Epistemology: a Kantian Legacy? Observation on the 'anthropological criterion'</p> <p>Kirsty Kitto The failure of objectivism in science: context and complexity</p> <p>Darrell Rowbottom The Authority of Science vs. The Demarcation of Inquiry</p> | <p>Nathalie Gontier Towards a universally applicable evolutionary methodology: a new look upon the units and levels of evolution debate</p> <p>Paul Griffiths History and Philosophy of Biology meets Public Understanding of Genetics</p> <p>Emanuele Serrelli Pitfalls and strengths of adaptation in biology education: how can philosophy of science help</p> | <p>Adam La Caze When Randomized Trials</p> <p>Robert Farrell and Cliff Hooker The fundamental power and limits of science are those of its uniquely constrained SDAL cycling organization</p> <p>Cliff Hooker On the distinctive power and limits of working with complex systems models in science</p> |
| 12.00-1.30pm | <i>Lunch</i> | | |
| 1.30-2.30pm | Plenary 5: Law School Lecture Theatre 106 Christian List | | |
| <i>Please join us for afternoon drinks at the Rose Hotel, 54 Cleveland St, Chippendale. Follow the locals – it's a short walk.</i> | | | |