

# Curriculum Vitae

**Stephan Hartmann**

## CONTACT DETAILS

Address: Center for Logic and Philosophy of Science, Tilburg University, PO Box 90153  
5000 LE Tilburg, The Netherlands

Phone: +31 13 466 3075, Fax: +31 13 466 2892

Email: S.Hartmann@uvt.nl

URL: stephanhartmann.org

## CURRENT ACADEMIC POSITIONS

Chair in Epistemology and Philosophy of Science, Department of Philosophy, Tilburg  
University

Director, Center for Logic and Philosophy of Science, Tilburg University

Honorary Professor, School of Philosophical and Historical Inquiry, Faculty of Arts,  
University of Sydney, Australia

## UNIVERSITY EDUCATION

Ph.D. (Philosophy): Justus Liebig University Giessen, Germany (1995)

M.A. (Philosophy): Justus Liebig University Giessen, Germany (1991)

M.Sc. (Physics): Justus Liebig University Giessen, Germany (1991)

B.A. (Philosophy): Justus Liebig University Giessen, Germany (1989)

B.Sc. (Physics): Justus Liebig University Giessen, Germany (1989)

## AREAS OF SPECIALIZATION

Philosophy of science, philosophy of physics, formal epistemology, social epistemology

## AREAS OF COMPETENCE

Philosophy of social science, philosophy of psychology, political philosophy

## ACADEMIC WORK EXPERIENCE

Visiting Professor, Department of Philosophy, Lund University, Sweden (12/2010–  
6/2011)

Professor of Philosophy, Department of Philosophy, Logic and Scientific Method, London  
School of Economics and Political Science (8/2006–4/2007)

Visiting Professor, Department of Logic and Philosophy of Science, University of California, Irvine (Winter Quarter 2006)

Reader, Department of Philosophy, Logic and Scientific Method, London School of Economics and Political Science (10/2005-7/2006)

Director, Centre for Philosophy of Natural and Social Science, London School of Economics and Political Science (9/2004-7/2006)

Director, Research Group “Philosophy, Probability and Modeling”, Center for Junior Research Fellows, University of Konstanz (9/2002-8/2005)

Lecturer, Department of Philosophy, Logic and Scientific Method, London School of Economics and Political Science (9/2003-9/2005; tenure granted 2/2005)

Assistant Professor in Philosophy, University of Konstanz (1998-2003)

Fellow, Center for Philosophy of Science, University of Pittsburgh (2000-2001)

Research Scientist, Department of Physics, University of Munich (1996-1998)

Lecturer in Philosophy, Justus Liebig University Giessen (1997-1998)

Lecturer in Philosophy, University of Konstanz (1996-1998)

Visiting Scholar, Department of Physics, University of Washington (1991-1992)

Research Assistant, Department of Physics, Justus Liebig University Giessen (1989-1991)

Research Assistant, Center for Philosophy and the Foundations of Science, Justus Liebig University Giessen (1989-1991)

## GRANTS AND AWARDS

Grant from the *German Research Foundation* (DFG) for the research project “Explanatory Reasoning: Normative and Empirical Considerations”. The project is part of the DFG *Schwerpunktprogramm* “New Frameworks of Rationality” (2011-2013; 218.359 €)

Internationalization grant from the *Netherlands Organisation for Scientific Research* (NWO) for the research project *Modeling in the Social and Behavioral Sciences*. This is a joint project with José Dez (Barcelona), Jacques Dubucs (IHPST Paris), Roman Frigg (LSE) and Paul Humphreys (Virginia) (2010-2012; 65,000 €)

Collaborator in the research network “Rationality and Decision” funded by an Internationalization Grant from the *Netherlands Organisation for Scientific Research* (NWO) to Jan-Willem Romeijn and Olivier Roy (both from Groningen) (2010-2012; 65,000 €)

Internationalization grant from the *Netherlands Organisation for Scientific Research* (NWO) for the research project *Formal Approaches to Social Epistemology*. This is a joint project with Cristina Bicchieri (Philadelphia), Mark Colyvan (Sydney) and Jesús Zamora (Madrid) (2009–2011; 75,000 €)

Research Networking Programme grant from the European Science Foundation (ESF) for the project *The Philosophy of Science in a European Perspective*. This is a major project which is chaired by Maria-Carla Galavotti. (2008–2013; 500,000 €)

Collaborator in the project “Idealizations, Singularities and the Applicability of Mathematics”, supported by the *Social Sciences and Humanities Research Council of Canada* with Robert Batterman (University of Western Ontario) as Principle Investigator (2008–2011; 50,000 €)

Grant from the *Evert Willem Beth Foundation* for the conference “Models and Simulations 2” at Tilburg University (2007; 1,000 €)

Grant from the *Mind Association* for the conference “Confirmation, Induction and Science” at the London School of Economics (2007; 1,000 €)

Grant from the *British Society for the Philosophy of Science* for the conference “Confirmation, Induction and Science” at the London School of Economics (2007; 500 €)

Grant from the *Royal Society* (Biennial Meeting of the Philosophy of Science Association in Vancouver, Canada) (2006; 1,500 €)

Grant from the *VolkswagenStiftung* for the conference “Being Bayesian in a Quantum World” and the International Summer School “Philosophy, Probability and Physics” at the University of Konstanz (2005; 75,000 €)

Grant from the *Gesellschaft für Analytische Philosophie* for the International Summer School “Philosophy, Probability and Physics” at the University of Konstanz (2005; 2,000 €)

Grant from the *Arts and Humanities Research Council* (UK) for the research project “Contingency and Dissent in Science” (with N. Cartwright) (2005–08; 350,000 €)

Grant from the *British Society for the Philosophy of Science* for the conference “Probability in Quantum Mechanics” at the LSE (2004; 500 €)

Grant from the *Gesellschaft für Analytische Philosophie* for the International Summer School “Causality, Uncertainty and Ignorance” at the University of Konstanz (2004; 2,000 €)

Grant from the *Thyssen Foundation* for the International Summer School “Philosophy, Probability and the Special Sciences” at the University of Konstanz (2003; 8,000 €)

Travel grant from the *German Research Foundation* (Annual Philosophy of Science Conference in Dubrovnik, Croatia) (2002; 1,000 €)

Grant from the *Thyssen Foundation* for the workshop “Nancy Cartwright’s Philosophy of Science” at the University of Konstanz (2002; 12,000 €)

Collaborator in the project “Bayesian Networks in Philosophy of Science and Epistemology”, supported by the *National Science Foundation*, division *Science and Technology Studies*, with Luc Bovens (University of Colorado at Boulder) as Principal Investigator (Grant No. 0080580) (2000–2001; 30,000€)

Travel grant from the *German Research Foundation* (Computing and Philosophy conference in Pittsburgh, PA) (2000; 1,000 €)

Grant from the *TransCoop Program* of the *Alexander von Humboldt Foundation* for the project “Bayesian Networks in Philosophy” (with Luc Bovens) (2000–02; 35,000 €)

Travel grant from the *German Research Foundation* (*Logic, Methodology and Philosophy of Science* conference in Cracow, Poland) (1999; 1,000 €)

Award of the *Stifterverband für die Deutsche Wissenschaft* (1992)

Award of the *Heraeus Foundation* (1991)

## SCHOLARSHIPS

Visiting Fellowship at the *University of California, Irvine* (2006)

Feodor Lynen Research Fellowship of the *Alexander von Humboldt Foundation* (2000–2001)

Scholarship of the *Cusanus Foundation* (1996–1998)

Scholarship of the *German Academic Exchange Service* (1991–1992)

Scholarship of the *German National Academic Foundation* (1989–1991)

## UNIVERSITY ADMINISTRATION SERVICE

Chair of the *Undergraduate Exam Subboard*, Department of Philosophy, London School of Economics (2004–2005)

Organizer of the *Popper Seminars*, Department of Philosophy, London School of Economics (2003–2007)

Organizer of the Departmental *Cumberland Lodge Weekend Retreat* in Windsor, London School of Economics (2004–2006)

Member of the *Library User Committee*, London School of Economics (2003–2007)

Member of the Directing Board of the *Center for Junior Research Fellows*, University of Konstanz (2002–2003)

Representative in the Directing Board of the *School of the Humanities*, University of Konstanz (1999–2000)

Representative in the Directing Board of the *Department of Philosophy*, University of Konstanz (1999–2000)

## ORGANIZATION OF CONFERENCES

Member of the Program Committee of the conference PSA 2012 in San Diego, USA (November 2012)

Member of the Program Committee of the conference “Models and Simulations 5” at the University of Helsinki, Finland (June 2012)

Organizer of the conference “Democracy, Legality and Policy” at Tilburg University (with Hans Lindahl and Alan Thomas) (May 2012)

Organizer of the conference “The Progress of Science” at Tilburg University (with Mark Colyvan, Paul Griffiths, and Jan Sprenger) (April 2012)

Organizer of the First Pittsburgh-Tilburg workshop on “Formal Epistemology Meets Experimental Philosophy” at Tilburg University (with Chiara Lisciandra and Edouard Machery) (September 2011)

Organizer of the ESF workshop “Philosophy of Computer Science and Artificial Intelligence”, Ponta Delgada, The Azores Islands, Portugal (with Dennis Dieks and Greg Wheeler) (September 2011)

Organizer of the conference “The Authority of Science” at the University of Sydney (with Mark Colyvan, Paul Griffiths, and Jan Sprenger) (April 2011)

Organizer of the workshop “Calculation, Intuition and A Priori Knowledge” at Tilburg University (with Jan Sprenger) (October 2010)

Organizer of the ESF Workshop “Pluralism in the Foundations of Statistics” at the University of Kent, Canterbury, UK (with David Corfield) (September 2010)

Member of the Program Committee of the conference “Models and Simulations 4” at the University of Toronto, Canada (May 2010)

Organizer of the conference “The Future of Philosophy of Science” at Tilburg University (with Mark Colyvan, Paul Griffiths, and Jan Sprenger) (April 2010)

Organizer of the workshop “Scientific Philosophy: Past and Future” at Tilburg University (with Hannes Leitgeb and Jan Sprenger) (April 2010)

Organizer of the conference “Models, Simulations and the Reduction of Complexity”, Akademie der Wissenschaften in Hamburg, Hamburg, Germany (with Ulrich Gähde and Jörn Henning Wolf) (March 2010)

Chair of the Program Committee of the second conference of the European Philosophy of Science Association (EPSA09) (Amsterdam 2009)

Organizer of the conference “Evidence, Science and Public Policy” at the University of Sydney (with Mark Colyvan, James Justus, and Jan Sprenger) (March 2009)

Member of the Program Committee of the second Amsterdam Graduate Philosophy Conference on “Meaning & Truth” at the Institute for Logic, Language and Computation (Amsterdam 2009)

Organizer of the conference “Models and Simulations 3” at the University of Virginia, USA (with Paul Humphreys and Michael Weisberg) (March 2009)

Organizer of the workshop “Formal Modeling in Social Epistemology” at Tilburg University (with Carlo Martini and Jan Sprenger) (October 2008)

Organizer of the Workshop “Formal Methods in Philosophy” at the *Sixth European Congress for Analytic Philosophy*, Cracow, Poland (with Hannes Leitgeb) (August 2008)

Organizer of the workshop “Pragmatism and Naturalism” at Tilburg University (with Maurice Schouten) (May 2008)

Organizer of the conference “Reduction and the Special Sciences” at Tilburg University (with Mark Colyvan, Maurice Schouten and Katie Steele) (April 2008)

Organizer of the London-Paris-Tilburg Workshops in Logic and Philosophy of Science (with Jacques Dubucs and Roman Frigg) (2007-2009)

Organizer of the workshop “Idealizations in Science” at Tilburg University (with Michael Weisberg) (October 2007)

Organizer of the conference “Models and Simulations 2” at Tilburg University (with Roman Frigg and Cyrille Imbert) (October 2007)

Organizer of the workshop “Methodological Problems of the Social Sciences” at Tilburg University (with Jan-Willem Romeijn) (May 2007)

Organizer of the joint Pitt Center - CPNSS conference “Conformation, Induction and Science” at the London School of Economics (with John Norton) (March 2007)

Member of the Program Committee of the conference PSA 2006 in Vancouver, Canada (November 2006)

Organizer of the conference “Models and Simulations” at Ecole Normal Superieure, Paris (with Roman Frigg and Cyrille Imbert) (June 2006)

Organizer of the workshop “Quantum Information – Logical and Epistemological Lessons” at the Fifth European Congress for Analytic Philosophy, Lisbon, Portugal (with Amit Hagar) (August 2005)

Organizer of the conference “Being Bayesian in a Quantum World” at the University of Konstanz (with Carlton Caves, Chris Fuchs and Ruediger Schack) (August 2005)

Organizer of the 4<sup>th</sup> International Summer School “Philosophy, Probability and Physics” at the University of Konstanz (with Claus Beisbart) (August 2005)

Organizer of the “1. Paris/London/Konstanz History and Philosophy of Science Colloquium” on the topic *Formal vs. Historical Accounts of Scientific Theory Change* at the Sorbonne, Paris, France (with Pascal Engel) (December 2004)

Organizer of the workshop “Philosophy, Probability and Physics” at Ecole Normale Supérieure, Paris (with Guido Bacciagaluppi) (December 2004)

Organizer of the 3<sup>rd</sup> International Summer School “Causality, Uncertainty and Ignorance” at the University of Konstanz (with Rolf Haenni) (August 2004)

Organizer of the workshop “Bayesian Epistemology” at the London School of Economics (with Luc Bovens) (June 2004)

Organizer of the conference “Probability in Quantum Mechanics” at the London School of Economics (with Roman Frigg) (February 2004)

Organizer of the 2<sup>nd</sup> International Summer School “Philosophy, Probability and the Special Sciences” at the University of Konstanz (with Luc Bovens and Gabriella Pigozzi) (July 2003)

Organizer of the workshop “Bayesian Epistemology” at the 26th International Wittgenstein Symposium in Kirchberg, Austria (with Luc Bovens) (August 2003)

Organizer of the workshop “Philosophy and Probability” at the Congress of the German Society for Analytical Philosophy in Bielefeld, Germany (with Luc Bovens) (September 2003)

Co-Organizer of the workshop “Social Welfare and Inequality: A Meeting with Udo Ebert” at the University of Konstanz (with Christoph Fehige and Luc Bovens) (June 2003)

Organizer of the workshop “Nancy Cartwright’s Philosophy of Science” at the University of Konstanz (with Luc Bovens) (November 2002)

Organizer of the 1<sup>st</sup> International Summer School “Philosophy and Probability” at the University of Konstanz (with Luc Bovens) (August 2002)

Member of the Program Committee of the 6<sup>th</sup> Pittsburgh-Konstanz Colloquium in the Philosophy of Science, “Science, Values and Objectivity”, at the University of Pittsburgh, USA (October 2002)

Organizer of the workshop “Choices and Models” at the University of Konstanz (with Luc Bovens) (June 2002)

Member of the Steering Committee of the Summer School “Theory of Knowledge”, Institute for Philosophy and Sociology, Warsaw, Poland (August 1997)

## OTHER PROFESSIONAL ACTIVITIES

Editorial Board member: *Theory and Decision Library A: Philosophy and Methodology of the Social Sciences* (since 2012)

Editorial Board member: *Stanford Encyclopedia of Philosophy* (since 2011)

Member of the *Wetenschappelijke Adviescollege Geesteswetenschappen*, NWO (since 2011)

Editorial Board member: *Minds & Machines* (since 2011)

Advisory Board member, Berlin School of Mind and Brain (since 2011)

Member of the Governing Board of the *Philosophy of Science Association (PSA)* (since 2010)

Referee for the *German-Israeli Foundation for Scientific Research and Development (GIF)* (since 2010)

Referee for the *Social Sciences and Humanities Research Council of Canada (SSHRC)* (since 2010)

Referee for the *Swiss National Science Foundation (SNF)* (since 2010)

Editorial Board member: *Philosophy of Science* (since 2009)

Editorial Board member: *European Journal for the Philosophy of Science* (since 2009; EJPS is the new official journal of the European Philosophy of Science Association (EPSA), published with Springer. The first issue will appear in January 2011.)

Advisory Board member, Sydney Centre for the Foundations of Science (SCFS) (since 2009)

Referee for the *Research Foundation - Flanders (FWO)* (Belgium) (since 2009)

Referee for the *Alexander von Humboldt Foundation* (Germany) (since 2009)

Referee for the *Deutsche Forschungsgemeinschaft (German Research Foundation)* (Germany) (since 2009)

Outside referee, Center for Philosophy and Ethics of Science, Leibniz University of Hannover (2009)

Leader of Team A (“Formal Methods”) of the program *The Philosophy of Science in a European Perspective* of the European Science Foundation (2008–2012)

Outside referee, Faculty of Arts and Humanities, RWTH Aachen University (2008)

Advisory Board member, Cluster of Excellence in Simulation Technology, University of Stuttgart, Germany (since 2008)

Outside referee, Department of History and Philosophy of Science, University of Pittsburgh (2008)

Vice-President of the European Philosophy of Science Association (EPSA) (2007–2009)

Reviewer for the *European Research Council (ERC)* (since 2007)

Reviewer for the *Israel Science Foundation (ISF)* (2007)

External examiner, Faculty of Philosophy, Oxford University (2007)

Reviewer for the *Austrian Science Fund (FWF)* (2006)

Outside referee (for a promotion), Department of Philosophy, Boston University (2006)

Editorial Board member: *Philosophy Compass* (since 2006)

Referee for the conference of the *Society of Exact Philosophy* (San Diego, USA, 2006)

International expert for the *Belgian Science Policy Office* (2005)

Referee for the *National Science Foundation (USA)* (since 2005)

Outside referee for the 'Research Associates' program, Katholieke Universiteit Leuven, Belgium (2005)

Outside referee (for a promotion), Department of Philosophy, University of California at San Diego (2004)

Referee for the *MacArthur Foundation* (2004)

Editor of the book series *Epistemic Studies: Studies in Epistemology and Philosophy of Science* with ontos-Verlag, Frankfurt (since 2001; with Michael Esfeld and Albert Newen; 16 books published so far)

Member of the Selection Board of the *German National Academic Foundation* (1997–2002)

Referee for the following journals and book publishers: *American Philosophical Quarterly*, *Artificial Intelligence Review*, *Australasian Journal of Philosophy*, *Autonomous Agents and Multi-Agent Systems*, *Behavioral and Brain Sciences*, *British Journal for the Philosophy of Science*, *Canadian Journal of Philosophy*, *Dialectica*, *Economics and Philosophy*, *Episteme*, *Erkenntnis*, *European Union Politics*, *Foundations of Physics*, *Foundations of the Formal Sciences VI* proceedings, Imperial College Press, *Information Fusion*, Jones and Bartlett Publishers, *Journal of Applied Logic*, *Journal of Logic, Language and Information*, *Journal of Philosophical Logic*, *Mind*, *Mind and Matter*, Oxford University Press, *Philosophical Quarterly*, Palgrave Macmillan, *Philosophy of Science*, Routledge, Springer, *Studia Logica*, *Studies in History and Philosophy of Modern Physics*, *Synthese*, *Theoria*, University of Chicago Press, University of Pittsburgh Press, and Wiley-Blackwell.

## MEMBERSHIPS IN ACADEMIC ORGANIZATIONS

American Philosophical Association (APA)

Philosophy of Science Association (PSA)

British Society for the Philosophy of Science (BSPS)

European Philosophy of Science Association (EPSA)

Society for Exact Philosophy (SEP)

Social Choice and Welfare Society (SCW)

Gesellschaft für Analytische Philosophie (GAP)

Deutsche Gesellschaft für Philosophie (DGPhil)

American Physical Society (APS)

Deutsche Physikalische Gesellschaft (DPG)

Deutscher Hochschulverband (DHV)

## LANGUAGES

German (mother tongue). Reading knowledge of Dutch and French.

## MISCELLANEA

My Erdős number is 4 (János Aczél – Duncan Luce – Patrick Suppes).

## REFERENCES

On request

# List of Publications

## Stephan Hartmann

Center for Logic and Philosophy of Science

Tilburg University

PO Box 90153

5000 LE Tilburg, The Netherlands

## Monographs

1. *Bayesian Epistemology* (L. Bovens and S. Hartmann). Oxford: Oxford University Press 2003. In March 2004, the Philosophy Department of the University of Rotterdam, The Netherlands, organized a colloquium focusing on the book. In March 2005, an Authors-Meet-Critics session focusing on the book took place at the APA Pacific conference in San Francisco, CA. The commentators were Clark Glymour, James Joyce and Elliott Sober. Reviews: F. Russo in *Revue Philosophique de Louvain* **102(3)**: 543-546 (2004), B. Fitelson in *Mind* **114**: 394-400 (2005), E. Olsson in *Studia Logica* **81**: 443-446 (2005), T. Shogenji in *Theoria* **72(2)**: 166-171 (2006) and R. Festa in *Rivista di Recensioni Filosofiche* **3**: 1-14 (2006).
2. *Bayesianische Erkenntnistheorie* (L. Bovens and S. Hartmann). Paderborn: mentis Verlag 2006. (German translation of *Bayesian Epistemology*) Review: R. Eisele in *Zeitschrift für philosophische Forschung* **61(2)** (2007).
3. *Metaphysik und Methode: Strategien der zeitgenössischen Physik in wissenschaftsphilosophischer Perspektive*. Konstanz: Hartung-Gorre-Verlag 1995. (182 pp; in German).

## Contributions to Journals and Books

### 1. Articles

1. Judgment Aggregation and the Problem of Tracking the Truth (with Jan Sprenger), *Synthese*. Published already Online First. DOI: 10.1007/s11229-011-0031-5.
2. Walter the Banker: The Conjunction Fallacy Reconsidered (with Wouter Meijs), *Synthese* **184**, 73-87 (2012).

3. Confirmation and Reduction: A Bayesian Account (with Foad Dizadji-Bahmani and Roman Frigg), *Synthese* **179(2)**, 321–338 (2011).
4. Bayesian Epistemology (with Jan Sprenger), in: S. Bernecker and D. Pritchard (eds.), *Routledge Companion to Epistemology*. London: Routledge 2011, 609–620.
5. Mathematics and Statistics in the Social Sciences (with Jan Sprenger), in: J. Zamora-Bonilla et al. (eds.), *The SAGE Handbook of the Philosophy of Social Sciences*. London: Sage Publications 2011, 594–612.
6. Computersimulationen in der Angewandten Politischen Philosophie – Ein Beispiel (with Claus Beisbart), in: C.F. Gethmann (ed.), *Deutsches Jahrbuch Philosophie, Vol. 2: Lebenswelt und Wissenschaft* (2011), 1151–1162.
7. Introduction (with Claus Beisbart), in: C. Beisbart and S. Hartmann (eds.), *Probabilities in Physics*. Oxford: Oxford University Press 2011, 1–21.
8. Who’s Afraid of Nagelian Reduction? (with Foad Dizadji-Bahmani and Roman Frigg), *Erkenntnis* **73(3)**, 393–412 (2010).
9. The Weight of Competence under a Realistic Loss Function (with Jan Sprenger), *Logic Journal of the IGPL* **18**, 346–352 (2010).
10. Welfarist Evaluations of Decision Rules under Interstate Utility Dependencies (with Claus Beisbart), *Social Choice and Welfare* **34**, 315–344 (2010).
11. Reliable Methods of Judgment Aggregation (with Jan Sprenger and Gabriella Pigozzi), *Journal of Logic and Computation* **20**, 603–617 (2010).
12. Bayesian Epistemology (with Alan Hájek), in: J. Dancy, E. Sosa, and M. Steup (eds.), *A Companion to Epistemology*. Oxford: Blackwell 2010, 93–106.
13. Formal and Empirical Methods in Philosophy of Science (with Vincenzo Crupi), in: F. Stadler et al. (eds.), *The Present Situation in the Philosophy of Science*. Berlin: Springer 2010, 87–98.
14. Entanglement, Upper Probabilities and Decoherence in Quantum Mechanics (with Patrick Suppes), in: M. Suárez et al. (eds.), *EPSA Philosophical Issues in the Sciences: Launch of the European Philosophy of Science Association*, Vol. 2. Berlin: Springer 2010, 93–103.
15. Conventional and Objective Invariance: Debs and Redhead on Symmetry (with Sebastian Lutz), *Metascience* **19**, 15–23 (2010).

16. Consensual Decision-Making Among Epistemic Peers (with Carlo Martini and Jan Sprenger), *Episteme* **6**, 110–129 (2009).
17. Modeling in Philosophy of Science, in: M. Frauchiger and W.K. Essler (eds.), *Representation, Evidence, and Justification: Themes from Suppes (Lauener Library of Analytical Philosophy; vol. 1)*. Frankfurt: ontos Verlag 2008, 95–121.
18. Modeling High-Temperature Superconductors: Correspondence at Bay?, in L. Soler, H. Sankey, and P. Hoyningen-Huene (eds.), *Rethinking Scientific Change. Stabilities, Ruptures, Incommensurabilities?* Berlin: Springer 2008, 107–128.
19. Welfare, Voting, and the Constitution of a Federal Assembly (L. Bovens and S. Hartmann), in: M. C. Galavotti, R. Scazzieri and P. Suppes (eds.), *Reasoning, Rationality and Probability*. Stanford: CSLI Publications 2008, 61–76.
20. An Impossibility Result for Coherence Rankings (L. Bovens and S. Hartmann), *Philosophical Studies* **128**, 77–91 (2006).
21. Modeling Partially Reliable Information Sources: A General Approach Based on Dempster-Shafer Theory (R. Haenni and S. Hartmann), *Information Fusion* **7**, 361–379 (2006).
22. Why There Cannot be a Single Probabilistic Measure of Coherence (L. Bovens and S. Hartmann), *Erkenntnis* **63**, 361–374 (2005).
23. Coherence and the Role of Specificity: A Response to Meijs and Douven (L. Bovens and S. Hartmann), *Mind* **114**, 365–369 (2005).
24. A Utilitarian Assessment of Alternative Decision Rules in the Council of Ministers (C. Beisbart, L. Bovens and S. Hartmann), *European Union Politics* **6(4)**, 395–418 (2005).
25. Transdisziplinarität – Eine Herausforderung für die Wissenschaftstheorie, in: M. Carrier and G. Wolters (eds.), *Homo Sapiens und Homo Faber*. Berlin: de Gruyter 2005, 335–343.
26. Normativität und Bayesianismus (S. Hartmann and L. Fahrbach), in: B. Gesang (ed.), *Deskriptive oder normative Wissenschaftstheorie*. Frankfurt: ontos-Verlag 2005, 177–204.
27. Artificial Intelligence and its Methodological Implications, in: F. Stadler (ed.), *Induction and Deduction in the Sciences* (= Vienna Circle Institute Yearbook 11/2003). Dordrecht: Kluwer 2004, 217–223.

28. Solving the Riddle of Coherence (L. Bovens and S. Hartmann), *Mind* **112**, 601–634 (2003).
29. Too Odd (Not) to Be True: A Reply to Olsson (L. Bovens, B. Fitelson, S. Hartmann and J. Snyder), *British Journal for the Philosophy of Science* **53**, 539–563 (2002).
30. On Correspondence, *Studies in History and Philosophy of Modern Physics* **33B**, 79–94 (2002).
31. Bayesian Networks and the Problem of Unreliable Instruments (L. Bovens and S. Hartmann), *Philosophy of Science* **69**, 29–72 (2002).
32. Bayesian Networks in Philosophy (S. Hartmann and L. Bovens), in: B. Löwe et al. (eds.), *Foundations of the Formal Sciences II: Applications of Mathematical Logic in Philosophy and Linguistics*. Dordrecht: Kluwer 2002, 39–46.
33. Kohärenter explanatorischer Pluralismus, in: W. Hogebe (ed.), *Grenzen und Grenzüberschreitungen*. Putney, VT: Sinclair Press 2002, 141–150.
34. Effective Field Theories, Reduction and Scientific Explanation, *Studies in History and Philosophy of Modern Physics* **32B**, 267–304 (2001).
35. Mechanisms, Coherence, and Theory Choice in the Cognitive Neurosciences, in: P. Machamer et al. (eds.), *Theory and Method in the Neurosciences*. Pittsburgh: Pittsburgh University Press 2001, 70–80.
36. Belief Expansion, Contextual Fit and the Reliability of Information Sources (L. Bovens and S. Hartmann), in: V. Akman et al. (eds.), *Modeling and Using Context*, Berlin: Springer 2001, 421–424.
37. Physik ist Grundlage der Technik und Teil der Kultur (S. Hartmann and J. Mittelstraß), in: Deutsche Physikalische Gesellschaft (ed.), *Physik: Themen, Bedeutung und Perspektiven physikalischer Forschung*. Bonn: DPG 2000, 185–188. English translation: “Physics is a Part of Culture and the Basis of Technology”, in: Deutsche Physikalische Gesellschaft (ed.), *Physics – Physics Research: Topics, Significance and Prospects*. Bonn: DPG 2002, 195–198.
38. Models and Stories in Hadron Physics, in: M. Morgan and M. Morrison (eds.), *Models as Mediators*, Cambridge: Cambridge University Press 1999, 326–346.
39. Über die heuristische Funktion des Korrespondenzprinzips, in: J. Mittelstraß (ed.), *Die Zukunft des Wissens*, Konstanz: Universitätsverlag Konstanz 1999, 500–506.

40. Idealization in Quantum Field Theory, in: N. Shanks (ed.), *Idealization in Contemporary Physics* (= Poznań Studies in the Philosophy of Science and the Humanities 64), Amsterdam: Rodopi 1998, 99–122.
41. Modelling and the Aims of Science, in: P. Weingartner et al. (eds.), *The Role of Pragmatics in Contemporary Philosophy: Contributions of the Austrian Ludwig Wittgenstein Society, Vol. 5*, Wien und Kirchberg: Digi-Buch 1997, 380–385.
42. Verfolgt die Teilchenphysik ein reduktionistisches Programm?, in: G. Meggle et al. (eds.), *Perspectives in Analytical Philosophy*, Berlin: de Gruyter 1997, 374–380.
43. The World as a Process: Simulations in the Natural and Social Sciences, in: R. Hegselmann et al. (eds.), *Modelling and Simulation in the Social Sciences from the Philosophy of Science Point of View*, Theory and Decision Library. Dordrecht: Kluwer 1996, 77–100.
44. Models as a Tool for Theory Construction: Some Strategies of Preliminary Physics, in: W. Herfel et al. (eds.), *Theories and Models in Scientific Processes* (= Poznań Studies in the Philosophy of Science and the Humanities 44). Amsterdam: Rodopi 1995, 49–67.

## 2. Proceedings

1. Judgment Aggregation and the Problem of Truth-Tracking (G. Pigozzi and S. Hartmann), in: Proceedings of the 11<sup>th</sup> *Conference on Theoretical Aspects of Rationality and Knowledge (TARK XI)*, Brussels 2007, 248–252.
2. Aggregation in Multi-Agent Systems and the Problem of Truth-Tracking (G. Pigozzi and S. Hartmann), in: Proceedings of *The Sixth International Joint Conference on Autonomous Agents and Multiagent Systems (AAMAS 07)*, Honolulu, Hawai'i, USA, 674–676.
3. Merging Judgments and the Problem of Truth-Tracking (G. Pigozzi and S. Hartmann), in: U. Endriss and J. Lang (eds.), *Computational Social Choice 2006*. Amsterdam 2006, 408–421.
4. Welfarism and the Assessments of Social Decision Rules (C. Beisbart and S. Hartmann), in: U. Endriss and J. Lang (eds.), *Computational Social Choice 2006*. Amsterdam 2006, 35–48.

5. A Probabilistic Theory of the Coherence of an Information Set (S. Hartmann and L. Bovens), in: A. Beckermann et al. (eds.), *Argument & Analysis: Proceedings of the 4th International Congress of the Society for Analytical Philosophy*. Bielefeld 2001; [www.gap-im-netz.de/gap4Konf/Proceedings4/Proc.htm](http://www.gap-im-netz.de/gap4Konf/Proceedings4/Proc.htm), 195–206.
6. How to Expand Your Beliefs in an Uncertain World: A Probabilistic Model (S. Hartmann and L. Bovens), in: G. Kern-Isberner et al. (eds.), *KI-2001 Workshop: Uncertainty in Artificial Intelligence*. Informatik-Berichte 287-8/2001. Hagen 2001. (12 pp)
7. Coherence, Belief Expansion and Bayesian Networks (L. Bovens and S. Hartmann), in: C. Baral and M. Truszczynski (eds.), *Proceedings of the 8th International Workshop on Non-Monotonic Reasoning, NMR'2000*, Breckenridge 2000; [www.cs.engr.uky.edu/nmr2000/proceedings.html](http://www.cs.engr.uky.edu/nmr2000/proceedings.html). (6 pp)
8. Bayesian Networks in Epistemology and Philosophy of Science (S. Hartmann and L. Bovens), in: D. Pearce et al. (eds.), *Scientific Reasoning in AI and Philosophy of Science: Proceedings of the Workshop at the Conference ECAI 2000*, Berlin 2000. (10 pp)

### 3. Encyclopedia Articles

1. kohärent/Kohärenz; Kohärenz, explanatorische; Kohärenz, probabilistische, in: J. Mittelstraß (ed.), *Enzyklopädie Philosophie und Wissenschaftstheorie*, vol. 4. Stuttgart: Metzler <sup>2</sup>2010, 250-258.
2. Modelle, in: H.-J. Sandkühler (ed.), *Enzyklopädie Philosophie*, vol. 2. Hamburg: Meiner <sup>2</sup>2010, 1627-1632.
3. Granger, Gilles Gaston, in: J. Mittelstraß (ed.), *Enzyklopädie Philosophie und Wissenschaftstheorie*, vol. 3. Stuttgart: Metzler <sup>2</sup>2008, 197-198.
4. Models in Science (R. Frigg and S. Hartmann), *The Stanford Encyclopedia of Philosophy* (Spring 2006 Edition).
5. Scientific Models (R. Frigg and S. Hartmann), in: S. Sarkar et al. (eds.), *The Philosophy of Science: An Encyclopedia*, vol. 2, New York: Routledge 2005, 740–749.
6. Erhaltungssätze (K. Mainzer and S. Hartmann), in: J. Mittelstraß (ed.), *Enzyklopädie Philosophie und Wissenschaftstheorie*, vol. 2. Stuttgart: Metzler <sup>2</sup>2005, 268–270.

7. Vacuum, in: H. Gründer et al. (eds.), *Historisches Wörterbuch der Philosophie*. Basel: Schwabe 2001, 527–530.
8. Modelle (D. Bailer-Jones and S. Hartmann), in: H.-J. Sandkühler et al. (eds.), *Enzyklopädie der Philosophie*, Hamburg: Meiner 1999, 854–859.
9. Simulation, in: J. Mittelstraß (ed.), *Enzyklopädie Philosophie und Wissenschaftstheorie*, vol. 3. Stuttgart: Metzler 1995, 805–807.

#### 4. Book Reviews

1. M. Strevens: *Depth: An Account of Scientific Explanation* (S. Hartmann and J. Schupbach), *Notre Dame Philosophical Reviews*, June 2010.
2. P. Lipton: *Inference to the Best Explanation* (2<sup>nd</sup> edition) (L. Farmakis and S. Hartmann), *Notre Dame Philosophical Reviews*, May 2005.
3. J. Cushing: Philosophical Concepts in Physics, *Erkenntnis* **52**, 133–137 (2000).

#### Edited Volumes and Special Issues

1. *EPSA Philosophy of Science: Amsterdam 2009* (ed. with Henk de Regt and Samir Okasha). Berlin: Springer 2012.
2. *Probabilities in Physics* (ed. with C. Beisbart). Oxford: Oxford University Press 2011. With contributions by Claus Beisbart, Jeffrey Bub, Craig Callender, Michael Dickson, John Earman and Laura Ruetsche, Roman Frigg and Charlotte Werndl, Carl Hoefer, David Lavis, Tim Maudlin, Michael Strevens, Christopher Timpson, Jos Uffink, and Christian Wüthrich.
3. Reduction, Emergence and Physics, *Foundations of Physics* 41:6 (2011). Special issue ed. with Giovanni Valente. With contributions by Robert Batterman, Jeremy Butterfield, Craig Callender, Dennis Dieks and Andrea Lubberdink, Jim Hartle, and Richard Healey.
4. *Handbook of the History and Philosophy of Logic, vol. 10: Inductive Logic* (ed. with D. Gabbay and J. Woods). Amsterdam: Elsevier/North-Holland 2011. With contributions by N. Chater, M. Oaksford, U. Hahn and E. Heit, F. Eberhardt and C. Glymour, M. Forster, M.C. Galavotti, H. Leitgeb and R. Ortner, U. von Luxburg and B. Schölkopf, J. Joyce, M. Lange, J. Milton, A. Musgrave, I. Niilinuoto, D. Osherson and S. Weinstein, S. Psillos, J.-W. Romeijn, R. Schwarz, J. Sprenger, J. Weisberg, and S. Zabell.

5. *Explanation, Prediction and Confirmation* (ed. with D. Dieks, W. Gonzales, F. Stadler, T. Uebel, and M. Weber). Berlin: Springer 2011.
6. Models and Simulations 2, *Synthese* 180:1 (2011). Special issue ed. with Roman Frigg and Cyrille Imbert. With contributions by Alisa Bokulich, Uskali Mäki, Christopher Pincock, Stathis Psillos, and Jan Sprenger.
7. Reduction and the Special Sciences, *Erkenntnis* **73** (3). Special issue ed. with Mark Colyvan. With contributions by Peter Abell, Teppo Felin and Nicolai Foss, Foad Dizadji-Bahmani, Roman Frigg and Stephan Hartmann, William Bechtel, Ingo Brigandt, Craig Callender and Jonathan Cohen, Kevin Hoover, Paul Teller, Panu Raatikainen, and Jack Vromen.
8. *The Present Situation in the Philosophy of Science* (ed. with Friedrich Stadler, Dennis Dieks, Wencelao Gonzales, Thomas Uebel, and Marcel Weber). Berlin: Springer 2010.
9. Formal Modeling in Social Epistemology. *Logic Journal of the IGPL* **18**(2) (2010). Special issue ed. with Carlo Martini and Jan Sprenger. With contributions by Rogier De Langhe and Matthias Greiff, Igor Douven and Alexander Riegler, Stephan Hartmann and Jan Sprenger, Carl Wagner, Paul Weirich, and Jesús Zamora Bonilla.
10. *Models and Simulations*. *Synthese* **169** (3) (2009). Special issue ed. with Roman Frigg and Cyrille Imbert. With contributions by Anouk Barberouse, Sarah Francescella and Cyrille Imbert, Robert Batterman, Roman Frigg and Julian Reiss, Axel Gelfert, Till Grüne-Yanoff, Paul Humphreys, James Mattingly and Walter Warwick, Matthew Parker, Wendy Parker, Dirk Schlimm, and Eric Winsberg.
11. *Nancy Cartwright's Philosophy of Science* (ed. by S. Hartmann, L. Bovens and C. Hofer). London: Routledge 2008. With contributions by Daniela Bailer-Jones, Michael Esfeld, Brigitte Falkenburg, Ronald Giere, Ulrich Gähde, Carl Hofer, Alfred Nordmann, Iain Martel, Magaret Morrison, Stathis Psillos, Julian Reiss, Christoph Schmidt-Petri, Maricio Suárez, Paul Teller, and James Woodward. Review: M. Frisch in *Notre Dame Philosophical Reviews* 2009.03.20. A paperback edition appeared in 2010.
12. Probabilities in Quantum Mechanics. *Studies in History and Philosophy of Modern Physics* **38** (2) (2007). Special issue ed. with Roman Frigg. With contributions by Guido Bacciagaluppi, Jeffrey Bub, Craig Callender, Carlton Caves, Christopher Fuchs and Ruediger Schack, Dennis Dieks, Meir Hemmo and Itamar Pitowski,

Carl Hofer and Roman Frigg, Tim Maudlin, Miklos Redei and Stephen Summers, Mauricio Suárez, and David Wallace.

13. Bayesian Epistemology. *Synthese* **156 (3)** (2007). Special issue ed. with Luc Bovens. With contributions by Max Albert, Branden Fitelson, Dennis Dieks, Igor Douven and Wouter Meijs, Alan Hájek, Colin Howson, James Joyce, and Patrick Suppes.
14. Causality, Uncertainty and Ignorance. *Minds and Machines* **16(3)** (2006). Special issue ed. with Rolf Haenni. With contributions by Malcolm Forster, Rocio Garcia-Rotamero and Ulrich Hoffrage, Christian Jakob, Kevin Korb and Erik Nyberg, Michael Smithson, Daniel Steel, Brad Weslake, and Jon Williamson.
15. *Coherence, Truth and Testimony* (ed. with Ulrich Gähde). Berlin: Springer 2006. (Reprint of the special issue of *Erkenntnis* mentioned below.)
16. *Coherence, Truth and Testimony*. *Erkenntnis* **63(3)** (2005). Special issue ed. with Ulrich Gähde. With contributions by Luc Bovens and Stephan Hartmann, David Glass, Keith Lehrer, Erik Olsson, Tomoji Shogenji, Mark Siebel, and Paul Thagard.

### **In Print**

1. Comments on Dirk Helbing's "Pluralistic Modeling of Complex Systems". To appear in: U. Gähde et al. (eds.): *Models, Simulations and the Reduction of Complexity*. Berlin: Akademie-Verlag.
2. *Probabilities, Laws, and Structures* (ed. with D. Dieks, W. Gonzales, F. Stadler, M. Stöltzner, and M. Weber). Berlin: Springer 2012.

### **Submitted**

1. On the Emergence of Norms (with Ryan Muldoon, Chiara Lisiciandra, Cristina Bicchieri, and Jan Sprenger).
2. Integrative Reduction, Confirmation, and the Syntax-Semantics Map (with Kristina Liefke).

### **Books in Preparation**

1. *Bayesian Philosophy of Science* (with Jan Sprenger). Under contract with Oxford University Press.

## Articles in Preparation

1. Voting, Deliberation, and Truth (with Soroush Rafiee-Rad).
2. Anchoring in Deliberations (with Soroush Rafiee-Rad).
3. On the Emergence of Norms: A Bayesian Approach (with Chiara Lisciandra and Ryan Muldoon).
4. Pluralistic Ignorance: A Bayesian Approach (with Chiara Lisciandra and Ryan Muldoon).
5. No-Alternatives Arguments (with Richard Dawid and Jan Sprenger).
6. Modell (with G. Wolters), to appear in: J. Mittelstraß (ed.), *Enzyklopädie Philosophie und Wissenschaftstheorie*, vol. 5. Stuttgart: Metzler <sup>2</sup>2011,
7. Review of R.I.G. Hughes: *The Theoretical Practices of Physics: Philosophical Essays*. To appear in *Studies in History and Philosophy of Modern Physics*.

## Edited Volumes and Special Issues in Preparation

1. *Models, Simulations and the Reduction of Complexity* (ed. with Ulrich Gähde and Jörn Henning Wolf). To appear with Akademie-Verlag.
2. The Future of Philosophy of Science, to appear in *The European Journal for Philosophy of Science*. Special issue ed. with Jan Sprenger.
3. Formal Epistemology Meets Experimental Philosophy, to appear in *Synthese*. Special issue ed. with Chiara Lisciandra and Edouard Machery.

## Physics Publications

### 1. Journal Articles

1. The Chromodielectric Soliton Model: Quark Self-Energy and Hadron Bags (L. Willets, S. Hartmann and P. Tang), *Physical Review* **C55**, 2067–2077 (1997).

### 2. Popular Scientific and Pedagogical Papers

1. Kopenhagen contra Bohm – eine Herausforderung für den Realismus? (R. Müller and S. Hartmann), *Praxis der Naturwissenschaften – Physik*, Heft 4, 12–17 (1999).

2. Bose-Einstein-Kondensation ultrakalter Atome (S. Hartmann, R. Müller and H. Wiesner), in: W. Schneider (ed.), *Wege in der Physikdidaktik, Band IV*, Erlangen: Palm & Enke 1998, 165–183.
3. Modelle und Forschungsdynamik: Strategien der zeitgenössischen Physik, *Praxis der Naturwissenschaften – Physik* 1/95, 33–41 (1995).

### 3. Book Reviews

1. G. Johnson: Strange Beauty. Murray Gell-Mann and the Revolution in 20th-Century Physics, *Physik Journal* **1**, 236 (2002).
2. F. Dyson: The Sun, the Genom and the Internet, *Physikalische Blätter* **56** (Heft 10), 69 (2000).
3. J. Gleick: Richard Feynman – Leben und Werk des genialen Physikers, *Spektrum der Wissenschaft*, Juli 1995, 118–19.
4. M. Gell-Mann: Das Quark und der Jaguar, *Physikalische Blätter* **50**, 1166 (1994).

### Unpublished Theses

1. *The Epistemological Status of the Conservation Principles of Physics*. Unpublished Master Thesis in Philosophy, University of Giessen, 1991. (135 pp; in German)
2. *Sea- and Valence-Quark Correlations in the Nucleon*. Unpublished Diploma Thesis in Physics, University of Giessen, 1991. (146 pp; in German)

### Articles in Preparation

1. Generalized Dicke States. Under review.
2. GHZ States and the Emergence of a Joint Probability Distribution (with Patrick Suppes).

# List of Talks (since 2000)

## Stephan Hartmann

Center for Logic and Philosophy of Science  
Tilburg University  
PO Box 90153  
5000 LE Tilburg, The Netherlands

### Invited Lectures

1. TBA, at the first conference of the *Gesellschaft für Wissenschaftsphilosophie (GWP)*, Hanover, Germany, March 2013.
2. TBA, at the workshop on *Theoretical Virtues in Theory Choice*, University of Konstanz, Germany, July 2012.
3. TBA, at the conference *Values and Norms in Modeling*, TU Eindhoven, The Netherlands, June 2012.
4. TBA, Collegium Helveticum, ETH Zurich, Switzerland, June 2012.
5. TBA, at the 4<sup>th</sup> *Workshop on the Philosophy of Information*, University of Hertfordshire, UK, May 2012.
6. TBA, at the AG Phil Kolloquium *The Metaphysics of Condensed Matter*, Berlin, Germany, March 2012.
7. TBA, at a symposium in celebration of Patrick Suppes's 90th birthday, Stanford University, USA, March 2012.
8. "Learning Conditionals", at the *Rationality and Decisions Workshop*, University of Munich, Germany, January 2012 (with Soroush Rafiee Rad).
9. "Generalized Dicke States", Institute for Quantum Optics and Quantum Information, Austrian Academy of Sciences, Innsbruck, Austria, January 2012.
10. "Voting, Deliberation and Truth", Department of Philosophy, University of Western Ontario, London, ON Canada, December 2012.
11. "On the Aggregation of Value Judgments: An Epistemic Perspective", at the Fourth Copenhagen-Lund Workshop in Social Epistemology, Lund University, Sweden, December 2011.
12. "Voting, Deliberation and Truth", at the symposium *Modeling Social Aspects of Science*, at the conference EPSA 2011, Athens, Greece, October 2011.

13. “Voting, Deliberation and Truth”, at the *Workshop in Mathematical Philosophy*, XXII. Deutscher Kongress für Philosophie, University of Munich, September 2011.
14. “Upper Probabilities in Quantum Mechanics and Quantum Information Theory”, at the ESF workshop *The Philosophy of Computer Science and Artificial Intelligence*, Ponta Delgada, The Azores Islands, Portugal, September 2011.
15. “Models, Mechanisms, and Coherence”, at the workshop *Mechanisms and Modelling in Cognitive Neuroscience*, University of Edinburgh, UK, June 2011.
16. “On the Emergence of Norms”, at the Workshop on Computational Metaphysics, Munich Center for Mathematical Philosophy, University of Munich, Munich, Germany, June 2011.
17. “Who’s Afraid of Nagelian Reduction?”, at the symposium *Matter, Life, Mind – Common Foundational Problems*, Munich, Germany, June 2011.
18. “On Collective Aggregation of Individual Value Judgments”, at the workshop *Deliberation - Individual and Public*, London School of Economics, London, UK, June 2011 (with Wlodek Rabinowicz).
19. “Voting, Deliberation and Truth”, at the workshop *Deliberation - Individual and Public*, London School of Economics, London, UK, June 2011 (with Soroush Rafiee Rad).
20. “Anchoring in Deliberations”, at the workshop *Deliberation - Individual and Public*, London School of Economics, London, UK, June 2011 (with Soroush Rafiee Rad).
21. “Wie entstehen deskriptive Normen?” Department of Philosophy, University of Bielefeld, Germany, May 2011.
22. “No-Alternatives Arguments”, Department of Philosophy, Stockholm University, Sweden, May 2011.
23. “No-Alternatives Arguments”, The Philosophy Seminar Series, Department of Philosophy, National University of Singapore, Singapore, April 2011.
24. “No-Alternatives Arguments”, Research School of Social Sciences, The Australian National University, Canberra, Australia, April 2011.
25. “Voting, Deliberation and Truth”, at the conference *The Authority of Science*, University of Sydney, Australia, April 2011.
26. “No-Alternatives Arguments”, Department of Philosophy, The University of Queensland, Brisbane, Australia, March 2011.
27. “Voting, Deliberation, and Truth”, at the 2011 meeting of the European Epistemology Network (EEN), Lund University, Sweden, March 2011.

28. “Confirmation and Reduction: A Bayesian Account”, Department of Philosophy, Lund University, Sweden, March 2011.
29. “Pluralistic Ignorance: A Bayesian Account”, at the Second Copenhagen-Lund Workshop in Social Epistemology, Lund University, Sweden, February 2011.
30. “Voting, Deliberation, and Truth”, Johann Bernoulli Institute of Mathematics and Computing Science, University of Groningen, The Netherlands, February 2011.
31. “Voting, Deliberation, and Truth”, at the workshop *New Trends in the Philosophy of the Social Sciences*, UNED, Madrid, UNED, Madrid, Spain, December 2010.
32. “No-Alternatives Arguments”, Department of Philosophy, Lund University, Sweden, December 2010.
33. “No-Alternatives Arguments”, at the workshop *Epistemic Transmission and Interaction*, Copenhagen, Denmark, October 2010.
34. “Scientific Philosophy”, at the *IX International Ontology Congress*, San Sebastian, Spain, September 2010.
35. “Confirmation and Reduction: A Bayesian Account”, at the workshop *Pluralism in the Foundations of Statistics*, Canterbury, UK, September 2010.
36. “Voting, Deliberation, and Truth”, at the conference *The Epistemology of Liberal Democracy*, Copenhagen, Denmark, August 2010.
37. “Confirmation and Reduction: A Bayesian Account”, at the conference *Emergence in Physics*, London, UK, July 2010.
38. “Naturalizing Bayesianism”, at the Annual Conference of the British Society for the Philosophy of Science, Dublin, Ireland, July 2010.
39. “Confirmation and Reduction: A Bayesian Account”, at the Center for Formal Epistemology Opening Celebration, Carnegie Mellon University, Pittsburgh, USA, June 2010.
40. “Bayesian Network in Epistemology and Philosophy of Science” (three lectures), Formal Epistemology Series Week, Northern Institute of Philosophy, University of Aberdeen, UK, June 2010.
41. “Naturalizing Bayesianism”, Department of Philosophy, University of Düsseldorf, Germany, May 2010.
42. “Naturalizing Bayesianism”, Unit for Philosophy of Science, University of Vienna, Vienna, Austria, May 2010.
43. “Modeling in Philosophy of Science”, Dutch-Flemish Network for the Philosophy of Science (NFWT), Ravenstein, The Netherlands, April 2010.

44. “Confirmation and Reduction: A Bayesian Account”, at the conference *The Future of Philosophy of Science*, Tilburg University, The Netherlands, April 2010.
45. “What is Scientific Philosophy?”, at the workshop *Scientific Philosophy: Past and Future*, Tilburg University, The Netherlands, April 2010 (with Jan Sprenger).
46. “Confirmation and Reduction: A Bayesian Account”, at the workshop *Part and Whole in Physics*, Lorentz Center, Leiden, Netherlands, March 2010.
47. Comments on D. Helbing’s “Understanding the Foundations of Society: Promises of a Multi-Disciplinary Dialogue”, at the conference *Modeling, Simulation and the Reduction of Complexity*, Akademie der Wissenschaften in Hamburg, Hamburg, Germany, March 2010.
48. Comment on Maria Carla Galavotti’s “Science and Probability”, at the conference *Realism, Probability, and Truth Approximation*, Faculty of Philosophy, University of Groningen, The Netherlands, March 2010.
49. Comment on Alex Rosenberg’s “Invariants, arms races and natural selection in human affairs?”, at the workshop *Causality and Explanation in Physics, Biology and Economics*, University of Barcelona, Spain, February 2010.
50. Disagreement and Consensus, Northern Institute of Philosophy, University of Aberdeen, UK, December 2009.
51. “Who’s Afraid of Nagelian Reduction?”, at the workshop *Reductionism, Explanation and Metaphors in the Philosophy of Mind*, Bremen, Germany, September 2009.
52. “Dynamische komplexe Systeme: Philosophische Überlegungen und eine Anwendung”, at the symposium *Wissenschaft und Philosophie für eine komplexe Welt* at the *Seventh International Congress of the German Society for Analytic Philosophy*, Bremen, Germany, September 2009.
53. “Who’s Afraid of Nagelian Reduction?”, Department of Theoretical Philosophy, University of Groningen, The Netherlands, June 2009.
54. “Warum reduzieren? Eine wissenschaftsphilosophische Betrachtung”, Philosophical Colloquium, University of Konstanz, Germany, June 2009.
55. “Disagreement and Consensus in Science”, Philosophy and Ethics of Technology Program, TU-Eindhoven, The Netherlands, June 2009.
56. “A Philosopher Looks at Effective Field Theories”, at The Thirteenth Seven Pines Symposium on *Effective Field Theories in Condensed Matter Physics*, Pine Point, Minnesota, USA, May 2009.
57. “Who’s Afraid of Nagelian Reduction?”, Department of Philosophy, University of Toronto, Toronto, Canada, May 2009.

58. “Who’s Afraid of Nagelian Reduction?”, Department of Philosophy, University of South Carolina, Columbia, USA, May 2009.
59. “Disagreement and Consensus in Science”, Philosophy, Politics and Economics Seminars, University of Pennsylvania, Philadelphia, USA, April 2008.
60. “Bayesian Epistemology: An Overview”, Dutch Research Seminar for Analytic Philosophy, Utrecht University, The Netherlands, April 2009.
61. “Disagreement and Consensus in Science”, Philosophy Colloquium, University of Melbourne, Australia, April 2009.
62. “Disagreement and Consensus in Science”, Formal Philosophy Seminar, University of Leuven, Belgium, March 2009.
63. “Disagreement and Consensus in Science”, Department of History and Philosophy of Science, University of Cambridge, UK, February 2009.
64. “Probability and Decoherence”, LARSIM seminar, Paris, France, February 2009.
65. “Formal Methods and Empirical Psychology”, at the conference of the ESF Research Program The Philosophy of Science in a European Perspective, Vienna, Austria, December 2008.
66. “Modellbildung in der Sozialwahltheorie”, Akademie der Wissenschaften in Hamburg, Hamburg, Germany, December 2008.
67. “Modellbildung in der Sozialwahltheorie”, Institute for Science and Technology Studies, University of Bielefeld, Germany, November 2008.
68. “Disagreement and Consensus in Science”, Centre for Logic and Philosophy of Science, Gent University, Belgium, November 2008.
69. “Judgement Aggregation in Networked Groups”, at the workshop on Computer Simulations in Social Epistemology, University of Leuven, Belgium, October 2008 (with Carlo Martini).
70. “Computer Simulations in Political Science and Political Philosophy”, at the symposium *Simulating Social Phenomena*, XXI. Deutscher Kongress für Philosophie, University of Duisburg-Essen, September 2008.
71. “Theories, Models and Phenomena: A Bayesian Account”, at the conference *Data - Phenomena - Theories: What’s the Notion of a Scientific Phenomenon Good for?*, Heidelberg, Germany, September 2008.
72. “Towards a Model-Based Scientific Philosophy”, at the *Evert Willem Beth Centenary Conference*, Amsterdam, The Netherlands, September 2008.

73. “Formal Methods in Philosophy of Science”, at the workshop *Formal Methods in Philosophy* at the *Sixth European Congress for Analytic Philosophy*, Cracow, Poland, August 2008. (not attended)
74. “Consensus, Compromise, and Judgment Aggregation”, at the *31st International Wittgenstein Symposium*, Kirchberg, Austria, August 2008. (not attended)
75. “Konsens, Kompromiss und das diskursive Dilemma”, Colloquium, Center for Philosophy and Ethics of Science, University of Hannover, Germany, July 2008.
76. “Consensus, Compromise, and Judgment Aggregation”, Working Group in History and Philosophy of Logic, Mathematics and Science, University of California at Berkeley, USA, April 2008.
77. “Between Unity and Disunity: A Bayesian Account of Intertheoretic Relations”, at the workshop *Probability, Confirmation and Fallacies*, University of Leuven, Belgium, April 2008.
78. “Judgment Aggregation: An Epistemic Perspective”, Logos Colloquium, Universitat de Barcelona, Spain, March 2008.
79. “Wahrscheinlichkeitstheoretische Methoden in der Wissenschaftstheorie”, at the conference *Was ist Wissenschaft? Darstellung und Bestandsaufnahme der deutschen Wissenschaftsphilosophie*, Bonn, Germany, March 2008.
80. “Consensus, Deliberation and the Paradoxes of Judgment Aggregation”, Philosophy of Probability Seminar, IHPST, Paris, France, December 2007.
81. “Consensus, Deliberation and the Paradoxes of Judgment Aggregation”, Center for Logic and Analytic Philosophy, University of Leuven, Belgium, December 2007.
82. “Between Unity and Disunity: A Bayesian Account of Intertheoretic Relations”, Zeno Lecture, Leiden University, The Netherlands, November 2007.
83. “Reliable Methods of Judgment Aggregation”, EIPE Research Seminars, Erasmus University Rotterdam, The Netherlands, November 2007.
84. “Merging Judgments and the Problem of Truth-Tracking”, at *prolog07: The Third Workshop on Combining Probability and Logic*, University of Kent, UK, September 2007.
85. “Consensus, Deliberation and the Paradoxes of Judgment Aggregation”, at the *Judgment Aggregation Workshop*, Freudenstadt, Germany, September 2007.
86. “Between Unity and Disunity: A Bayesian Account of Intertheoretic Relations”, at the workshop *The Formal and the Empirical – Tensions in Scientific Knowledge*, University of Wuppertal, Germany, May 2007.

87. “Merging Judgments and the Problem of Truth-Tracking”, at the symposium *Recent Work on Judgment Aggregation*, Annual Meeting of the Pacific Division of the American Philosophical Association, San Francisco, CA, USA, April 2007 (with Gabriella Pigozzi).
88. “Probability and Decoherence”, *Philosophy of Physics Research Seminar*, Sub-Faculty of Philosophy, University of Oxford, UK, February 2007.
89. “Probability and Decoherence”, *Sigma Club Seminar*, London School of Economics, London, UK, January 2007.
90. “Naturalisierter Bayesianismus”, Philosophical Colloquium, Department of Philosophy, University of Bonn, Germany, December 2006.
91. “Modeling in Philosophy of Science”, Belgian Society for Logic and Philosophy of Science, Brussels, Belgium, December 2006.
92. “Merging Judgments and the Problem of Truth-Tracking”, at the 8th Augustus de Morgan Workshop on *Belief Revision, Belief Merging and Social Choice*, King’s College London, UK, November 2006 (with Gabriella Pigozzi).
93. “Unification and Coherence”, at the symposium *Unification in Science - The Hows and Whys*, at the conference PSA 2006, Vancouver, Canada, November 2006.
94. “Probability and Decoherence”, at the workshop on *Probabilities, Causes and Propensities in Physics*, Complutense University, Madrid, Spain, October 2006 (with Patrick Suppes).
95. “Aggregating Judgments vs. Aggregating Desires”, at the workshop *Aggregation of Opinions*, Cowles Foundation for Research in Economics at Yale University, New Haven, USA, September 2006 (with Gabriella Pigozzi).
96. “Probability and Decoherence”, at the workshop *Decoherence, Quantum Measurement and the Arrow of Time*, Beuggen, Germany, September 2006 (with Patrick Suppes).
97. “Computer Simulations, Experiments and Statistics”, at the symposium *A New Philosophical Image of Science*, at the conference HOPOS 2006, Paris, France, June 2006.
98. “Modeling in Philosophy of Science”, Department of Philosophy, University of Glasgow, UK, June 2006.
99. “Comments on Jon Williamson: Inductive Influence”, at the Formal Epistemology Workshop 2006, University of California at Berkeley, USA, May 2006.
100. “Unification and Coherence”, Research School of Social Sciences, The Australian National University, Canberra, Australia, April 2006.

101. “Modeling in Philosophy of Science”, Centre for Time, University of Sydney, Australia, April 2006.
102. “What Is a Scientific Theory? A Bayesian Account”, Monash Bayesian Reasoning Workshop 2006, Melbourne, Australia, April 2006.
103. “Probability and Decoherence”, Southern California Philosophy of Physics Group, Irvine, USA, March 2006 (with Patrick Suppes).
104. “Modeling in Philosophy of Science”, Center for Philosophy of Science, University of Pittsburgh, USA, March 2006.
105. “Unification and Coherence”, Department of Philosophy, Carnegie Mellon University, Pittsburgh, USA, March 2006.
106. “Modeling in Philosophy of Science”, Department of Philosophy, University of California at Davis, USA, February 2006.
107. “Modeling in Philosophy of Science”, Department of Philosophy, University of Geneva, Switzerland, February 2006.
108. “Modeling in Philosophy of Science”, Department of Logic and Philosophy of Science, University of California at Irvine, USA, January 2006.
109. “Modeling in Philosophy of Science”, Department of Philosophy, Ohio State University, Columbus, Ohio, January 2006.
110. “Interpretations of Quantum Mechanics and Interpretations of Probability”, at the conference *Philosophical and Foundational Problems of Modern Physics*, Budapest, Hungary, 2005. (Conference not attended)
111. “A Utilitarian Assessment of Alternative Decision Rules in the Council of Ministers”, at the conference *Logic, Game Theory and Social Choice 4*, University of Caen, France, 2005 (presented by Luc Bovens).
112. “Modeling Partially Reliable Information Sources”, at the conference *Formal Epistemology 2005*, University of Texas at Austin, USA, 2005 (with Rolf Haenni).
113. “Why There Cannot Be a Single Probabilistic Measure of Coherence”, at the *Formal Epistemology Symposium*, Rotterdam, Netherlands, 2005 (with Luc Bovens).
114. “A Reply to Glymour, Joyce and Sober”, at the Author Meets Critics session on the book *Bayesian Epistemology*, 2005 Annual Meeting of the Pacific Division of the *American Philosophical Association*, San Francisco, CA, USA, 2005.
115. “Formal vs. Historical Accounts of Scientific Theory Change”, British Society for the Philosophy of Science, London, UK, 2005.

116. “The Formalist and the Historicist Should be Friends”, at the conference *Formal vs. Historical Accounts of Scientific Theory Change* in Paris, France, 2004.
117. “Superoperator Methods in Quantum Optics”, Department of Mathematics, Royal Holloway, London, UK, 2004.
118. “Bayesianism and the Practice of Science”, at the workshop *Rationality and Patterns of Reasoning*, Bertinoro, Italy, 2004.
119. “Models in Science and Philosophy”, at a symposium of the Lauener-Stiftung in honor of Patrick Suppes. Bern, Switzerland, 2004.
120. “Modeling High-Temperature Superconductivity: Correspondence at Bay?”, at the International Conference *Rethinking the Comparative Evaluation of Scientific Theories: Stabilities, Ruptures, Incommensurabilities?* in Nancy, France, 2004.
121. “Parameterising the Atomic Nucleus: Explanation, Prediction and the Role of Intertheoretic Coherence”, in the *Weekly Philosophy of Physics Seminar*, Sub-Faculty of Philosophy, University of Oxford, UK, 2004.
122. “Bayesian Epistemology I”, at a workshop on the book L. Bovens and S. Hartmann, *Bayesian Epistemology* (OUP 2003), Department of Philosophy, University of Rotterdam, Netherlands, 2004.
123. “Probabilistic Modeling in Philosophy”, *History and Philosophy of Science Seminar*, University of Leeds, UK, 2004.
124. “Reduction and Emergence in Particle Physics”, at the conference *Emergence: Issues in Philosophy of Science*, Paris, France, 2004.
125. “Probabilistic Modeling in Philosophy”, three lectures at the conference *Formal Epistemology 2004*, University of California at Berkeley, USA, 2004.
126. “Varieties of Spaces”, at the Workshop *Spaces and Constraints* of the Strategy Institute of Boston Consulting Group, Oxford, UK, 2003.
127. “Warum interessieren sich Philosophen für naturwissenschaftliche Modelle?” at the conference *Modellbildung in den Naturwissenschaften*, Studienstiftung der deutschen Volkes, Kloster Drübeck/Harz, Germany, 2003 .
128. “Parameterizing the Atomic Nucleus: Explanation, Prediction and the Role of Intertheoretic Coherence”, at the *Philosophy, Probability and Physics Seminar*, University of Konstanz, Germany, 2003.
129. “Bayesian Coherentism”, *Popper Seminar*, Department of Philosophy, Logic and Scientific Method, London School of Economics and Political Science, London, UK, 2003.

130. “Welfare, Voting and the Constitution of a Federal Assembly”, Joint Weekend of New LSE Philosophy Students, Cumberland Lodge, 2004.
131. “Parameterizing the Atomic Nucleus: Explanation, Prediction and the Role of Intertheoretic Coherence”, *Philosophy of Physics Seminar*, Department of Philosophy, University of Bristol, UK, 2003.
132. “Bayesian Coherentism I”, at the workshop *Coherence at the Fifth International Congress of the German Society for Analytic Philosophy*, Bielefeld, Germany, 2003.
133. “Theories and Models: A Probabilistic Account”, at the symposium *Models in Philosophy of Science at the Fifth International Congress of the German Society for Analytic Philosophy*, Bielefeld, Germany, 2003.
134. “Witness Reliability, the Condorcet Jury Theorem and the Conjunction Fallacy”, at the workshop *Philosophy and Probability at the Fifth International Congress of the German Society for Analytic Philosophy*, Bielefeld, Germany, 2003 (with Luc Bovens).
135. “Bayesian Coherentism I”, at the workshop *Bayesian Epistemology at the 26th International Wittgenstein Symposiums*, Kirchberg, Austria, 2003.
136. “Parameterizing the Atomic Nucleus: Explanation, Prediction and the Role of Intertheoretic Coherence”, at the symposium *Models, Simulations, and the Application of Mathematics*, Center for Interdisciplinary Research (ZiF), Bielefeld, Germany, 2003.
137. “Modellbildung in der Philosophie”, Department of Philosophy, University of Düsseldorf, Germany, 2003.
138. “A Bayesian Approach to Information Gathering and Belief Formation”, at the workshop *BayesDays '03*, Centre for Interdisciplinary Plasma Science, Max-Planck-Institute for Plasma Physics, Garching, Germany, 2003.
139. “Bayesian Coherentism”, William Bennett Munro Memorial Seminar, California Institute of Technology, USA, 2003.
140. Comment on A. Rueger, “Incompatible Models for Scientific Realist”, 2003 Annual Meeting of the Pacific Division of the *American Philosophical Association*, San Francisco, CA, USA, 2003.
141. “Modellbildung in der Philosophie”, contribution to the Lecture Series *Aktuelle Probleme der Wissenschafts- und Erkenntnistheorie*, University of Hamburg, Germany, 2002.
142. “Explanation, Reduction and Fundamental Physics”, Department of Philosophy, University of Colorado, Boulder, USA, 2001.

143. “Towards a Probabilistic Model for Belief Change”, Department of Computing, University of Alberta, Edmonton, Canada, 2001.
144. “Explanation, Reduction and Fundamental Physics”, Department of Philosophy, University of Alberta, Edmonton, Canada, 2001.
145. “Explanation, Reduction and Fundamental Physics”, Department of Philosophy, University of South Carolina, Columbia, USA, 2001.
146. “Solving the Riddle of Coherence”, at the Colloquium “On Keith Lehrer’s Epistemology”, University of Konstanz, Germany, 2000.
147. “Bayesian Networks in Epistemology and Philosophy of Science”, Center for Philosophy of Science, University of Pittsburgh, Pittsburgh, 2000.
148. “Das Raumproblem im Briefwechsel von Oskar Becker mit Hans Reichenbach und Paul Lorenzen”, at the Colloquium “Die Philosophie und die Wissenschaften. Zum Werk von Oskar Becker”, Hagen, Germany, 2000.

24 invited lectures between 1993 and 1999

### Contributed Papers

1. “Generalized Dicke States”, at the DPG Frühjahrstagung, Göttingen, Germany, February 2012.
2. “Voting, Deliberation, and Truth”, at the Episteme at CMU conference on *Social Epistemology meets Formal Epistemology: Recent developments and New Trends*, Carnegie Mellon University, Pittsburgh, USA, June 2011 (with Soroush Rafiee Rad).
3. “Integrative Reduction, Confirmation, and the Syntax-Semantics Map”, at the *Formal Epistemology Workshop*, University of Southern California, Los Angeles, USA, May 2011 (with Kristina Liefke).
4. “Sources of Disagreement among Rational Agents”, at the conference Evidence, Science and Public Policy, Sydney, Australia, March 2009 (with Jan Sprenger).
5. “Consensus, Compromise, and Judgment Aggregation”, International Network for Economic Method Conference, Madrid, Spain, September 2008 (with Jan Sprenger).
6. “Consensus, Compromise, and Judgment Aggregation”, at the 9th International Meeting of the Society for Social Choice and Welfare, Montreal, Canada, June 2008 (with Jan Sprenger).
7. “Judgment Aggregation and the Problem of Truth-Tracking”, at the SILFS 2007 Conference, Milan, Italy, October 2007 (with Gabriella Pigozzi).

8. “Judgment Aggregation and the Problem of Truth-Tracking”, at the 38<sup>th</sup> Meeting of the European Mathematical Psychology Group, Luxembourg, Luxembourg, September 2007 (with Gabriella Pigozzi).
9. “Information Fusion, Collective Decision Making and Truth Tracking”, at the conference *Modeling Decisions for Artificial Intelligence*, Kitakyushu, Japan, August 2007 (with Gabriella Pigozzi) (not attended).
10. “Merging Judgments and the Problem of Truth-Tracking”, at the 5th International Conference on Logic, Game Theory and Social Choice, Bilbao, Spain, June 2007 (with Gabriella Pigozzi).
11. “Aggregation in Multi-Agent Systems and the Problem of Truth-Tracking”, at *TARK XI*, Brussels, Belgium, June 2007 (with Gabriella Pigozzi).
12. “Merging Judgments and the Problem of Truth-Tracking”, at the conference of the *Society for Exact Philosophy*, Vancouver, Canada, May 2007 (with Gabriella Pigozzi) (not attended).
13. “Aggregation in Multi-Agent Systems and the Problem of Truth-Tracking”, at the *Sixth International Joint Conference on Autonomous Agents and Multi-Agent Systems*, Honolulu, HI, USA, May 2007 (with Gabriella Pigozzi).
14. “Probability and Decoherence”, at the *15th UK and European Meeting on the Foundations of Physics*, University of Leeds, UK, March 2007.
15. “Merging Judgments and the Problem of Truth-Tracking”, at the *1st International Workshop on Computational Social Choice (COMSOC-2006)*, Amsterdam, The Netherlands, December 2006 (with Gabriella Pigozzi).
16. “Welfarism and the Assessments of Social Decision Rules”, at the *1st International Workshop on Computational Social Choice (COMSOC-2006)*, Amsterdam, The Netherlands, December 2006 (with Claus Beisbart).
17. “Modeling Scientific Theory Change”, at the *Fifth European Congress for Analytic Philosophy*, Lisbon, Portugal, 2005.
18. “Understanding, Explanation, and Scientific Models”, at the conference *Philosophical Perspectives on Scientific Understanding*, Amsterdam, The Netherlands, 2005 (with Roman Frigg).
19. “Why There Cannot Be a Single Probabilistic Measure of Coherence”, at the conference of the *Society for Exact Philosophy*, Toronto, Canada, 2005 (with Luc Bovens).
20. “Parameterizing the Atomic Nucleus: Explanation, Prediction and the Role of Intertheoretic Coherence”, at the symposium “Model Construction and Evaluation in the Computationally Complex Sciences”, at the conference PSA 2002, Milwaukee, USA.

21. “Explanatory Pluralism Made Coherent”, at the International Congress *Causation and Explanation in Natural and Social Sciences*, Ghent, Belgium, 2002.
22. “Welfare, Voting and the Constitution of a Federal Assembly”, at the *Fourth European Congress for Analytic Philosophy*, Lund, Sweden, 2002 (with Luc Bovens).
23. “An Impossibility Result for Coherence Rankings”, at the *Fourth European Congress for Analytic Philosophy*, Lund, Sweden, 2002 (with Luc Bovens).
24. “Welfare, Voting, and the Constitution of a Federal Assembly”, at the 2002 Annual Meeting of the Pacific Division of the *American Philosophical Association*, Seattle, WA, USA, 2002 (with Luc Bovens).
25. “Explanation, Reduction and Fundamental Physics”, at the *Annual Philosophy of Science Conference*, Dubrovnik, Croatia, 2002.
26. “Kohärenter explanatorischer Pluralismus”, at the *XIX. Deutsche Kongress für Philosophie* in Bonn, Germany, 2002.
27. “The Variety-of-Evidence Thesis and the Reliability of Instruments: A Bayesian-Network Approach”, at the Conference “Computation and Philosophy”, Carnegie Mellon University, Pittsburgh, USA, 2001.
28. “Belief Expansion, Contextual Fit and the Reliability of Information Sources”, at the conference “Context 2001”, Dundee, UK, 2001 (with Luc Bovens).
29. “The Import of Auxiliary Theories of the Instrument: A Bayesian-Network Approach”, at the 2001 Annual Meeting of the Pacific Division of the *American Philosophical Association*, San Francisco, CA, USA, 2001.
30. “The Variety-of-Evidence Thesis and the Reliability of Instruments: A Bayesian-Network Approach”, at the 2001 Annual Meeting of the Central Division of the *American Philosophical Association*, Minneapolis, MI, USA, 2001.
31. “Model Based Reasoning in Social Choice Theory”, at the conference “Model Based Reasoning 2001”, Pavia, Italy, 2001.
32. “The Import of Auxiliary Theories of the Instrument: A Bayesian-Network Approach”, at the conference of the *Society for Exact Philosophy*, Montreal, Canada, 2001 (with Luc Bovens).
33. “Solving the Riddle of Coherence”, at the conference of the *Society for Exact Philosophy*, Montreal, Canada, 2001 (with Luc Bovens).
34. “The Import of Auxiliary Theories of the Instrument: A Bayesian-Network Approach”, at the meeting of *The British Society for the Philosophy of Science*, York, UK, 2001 (with Luc Bovens).

35. “Coherence, Belief Expansion, and Bayesian Networks”, at the *8th Intl. Workshop on Non-Monotonic Reasoning NMR’2000*, Breckenridge, CO, USA, 2000 (with Luc Bovens).
36. “Bayesian Networks in Epistemology and Philosophy of Science”, at the conference *Computation and Philosophy*, Carnegie-Mellon University, Pittsburgh, USA, 2000.
37. “Bayesian Networks in Epistemology and Philosophy of Science”, at the *14th European Conference on Artificial Intelligence (ECAI)*, Berlin, Germany, 2000.
38. “The Riddle of Coherence”, at the *Forth International Congress of the German Society for Analytic Philosophy*, Bielefeld, Germany, 2001.
39. “Bayesian Networks in Epistemology and Philosophy of Science”, at the conference “Foundations of the Formal Sciences II”, Bonn, Germany, 2000.

14 contributed papers between 1993 and 1999

## Other Public Appearances

1. “Welfare, Voting, and the Constitution of a Federal Assembly”, to the *Philosophical Society*, Nottingham High School, Nottingham, UK, 2005.
2. “Mathematical Mysteries.” A Dialogue with Fabio Toscano at the Italian Institute, London, UK, 2005.

# Teaching and Supervision

**Stephan Hartmann**

Center for Logic and Philosophy of Science  
Tilburg University  
PO Box 90153  
5000 LE Tilburg, The Netherlands

## Teaching and supervision at Tilburg

### A. Courses

1. Philosophy of Science (lecture, undergraduate level, for students of International Business Administration; one semester, 2010/2011)
2. Philosophy of Science (lecture, undergraduate level, for students of Economics; one semester, 2011/2012)
3. Philosophy of Economics (lecture and seminar, graduate level, for students of Economics; one semester, 2009/2010)
4. Experts in a Complex Society (lecture and seminar, graduate level; one semester, 2009/2010, 2010/2011 and 2011/2012)
5. Research Methods in Philosophy: Individual and Collective Rationality (lecture and seminar, graduate level; one semester, 2009/2010)
6. Philosophy of Science (lecture and seminar, graduate level; one semester, 2007/2008 and 2008/2009)
7. Epistemology (lecture and seminar, undergraduate level; one semester, 2009/2010 and 2011/12)
8. Epistemology (lecture and seminar, graduate level; one semester, 2007/2008 and 2008/2009)
9. Research Seminar in Epistemology and Philosophy of Science (for PhD students, postdocs, and faculty; every semester)

## **B. Supervised PhD students**

1. Kristina Liefke (entered program 9/2009)
2. Chiara Lisciandra (entered program 9/2009)
3. Carlo Martini ( 2/2008–12/2011, thesis title: “Consensus and Disagreement in Small Committtees”)
4. Soroush Rafiee Rad (entered program 9/2010)
5. Niki Pfeifer (entered program 10/2010)
6. Jonah Schupbach (HPS Pittsburgh, external supervisor)
7. Dorette van der Tholen (entered program 9/2007)
8. Robert van Lersel (entered program 10/2010)
9. Raphael van Riel (Bochum, external supervisor)

## **Teaching at LSE**

### **A. Courses**

1. Paris-London Research Colloquium: Philosophy, Probability and Physics (2005-2006; with Guido Bacciagaluppi)
2. Philosophical Foundations of Space and Time (lecture and seminar, graduate level; one term, 2004/2005, 2005/2006 and 2006/2007)
3. Reductionism, Pluralism and Intertheretic Relations (lecture and seminar, undergraduate and graduate level; one term, 2003/2004 and 2004/2005)
4. Philosophy of Science and Scientific Method (seminar, graduate level; one term, 2003/2004, 2004/2005, 2005/2006 and 2006/2007)
5. Philosophy of Science and Scientific Method (lecture, undergraduate and graduate level; two terms, 2006/2007)
6. Research Seminar on the History of Field Theory (joint seminar of IC, UCL and LSE, graduate level; one term, 2004/2005)

7. Research Methods in Philosophy: Scientific Theory Change (seminar, graduate level; one term, 2004/2005)
8. Research Seminar with Ph.D. students presenting their projects (seminar, graduate level, with Roman Frigg; one term, 2003/2004, 2004/2005, 2005/2006 and 2006/2007)
9. Research Seminar on Fictionalism (seminar, graduate level, with Roman Frigg; one term, 2004/2005)
10. Philosophical Foundations of Quantum Information Theory and Quantum Field Theory (lecture and seminar, graduate level; one term, 2003/2004)
11. Research Seminar on Information Theory (joint seminar of IC, UCL and LSE, graduate level; one term, 2004/2005)
12. Research Seminar on the Foundations of Statistical Inference (seminar, graduate level, with Roman Frigg; one term, 2003/2004)
13. Research Methods in Philosophy: Probabilistic Methods in Philosophy (seminar, graduate level; one term, 2003/2004)

#### **B. Supervised PhD students**

1. Emiliano Boccardi (“Computational Externalism: The Semantic Picture of Implementation”, finished 8/2004)
2. Lefteris Farmakis (“Bayesianism and Scientific Realism”, finished 8/2002)
3. Kyoung Yang (“Structuralist Account of the Theory-Change from Newtonian to Einsteinian Physics”, finished 8/2004)
4. Juan Pablo Flores de Villar (entered program 9/2005; supervised till 4/2007)
5. Fernando Morrett (entered program 9/2006; supervised till 4/2007)
6. Maria Elena Di-Bucchianico (entered program 9/2006; supervised till 4/2007)

#### **C. Supervised Master students**

I supervised three to seven master dissertations per year.

## **Teaching at Konstanz**

### **A. Courses**

#### *Undergraduate Courses*

1. History of Analytical Philosophy (Fall 2002)
2. Science and Religion (Fall 2001)
3. Karl Popper's Philosophy of Science (Spring 2000)
4. David Hume: An Enquiry Concerning Human Understanding (Fall 1999)
5. Explanation and Understanding (Spring 1998)
6. Epistemology (Giessen, Spring 1997)
7. Philosophy of Physics (Spring 1997)
8. Science and Pseudoscience (Fall 1996)
9. Philosophy of Quantum Mechanics (Spring 1996)

#### *Graduate Courses*

1. Philosophy of Biology (Fall 2002)
2. Probability and Induction (Spring 2002)
3. Theories and Models (Fall 2001)
4. Philosophy of Space and Time (Spring 2000)
5. The New Experimentalism (Fall 1999; with Bernd Buldt)
6. Foundations of Quantum Mechanics (Spring 1998)
7. Nancy Cartwright's Philosophy of Science (Fall 1997)

#### *Colloquia*

1. Research Colloquium: Philosophy, Probability and Modeling (Fall 2002 – Spring 2005; with Luc Bovens)

2. Freiburg-Konstanz Research Colloquium: Philosophy, Probability and Physics (Fall 2003 – Spring 2005; with Guido Bacciagaluppi)
3. Research Colloquium (Spring 1999 – Spring 2000; Fall 2001, with Eva-Maria Engelen)

## **B. Supervised PhD students**

1. Veiko Palge (“Time, Static and Dynamic, and Quantum Mechanics”, finished 6/2007)

## **C. Supervised postdocs (PPM Group)**

1. Claus Beisbart (now Assistant Professor at the University of Dortmund)
2. Robert Bishop (now Associate Professor of Physics at Wheaton College)
3. Franz Dietrich (now Research Fellow of the CNRS at the University of Paris-Descartes and Professor of Economics (part-time) at the University of East Anglia)
4. Armond Duwell (now Assistant Professor at the University of Montana)
5. Ludwig Fahrback (now Assistant Professor at the University of Düsseldorf)
6. Natalie Gold (now Senior Research Fellow at King’s College London)
7. Rolf Haenni (now SNSF Professor at the University of Berne)
8. Amit Hagar (now Assistant Professor at the University of Indiana at Bloomington)
9. Franz Huber (now Assistant Professor (Noether program) at the University of Konstanz)
10. Iain Martel (now Lecturer at the University of Toronto)
11. Luca Moretti (now Lecturer at the University of Aberdeen)

12. Gabriella Pigozzi (now Assistant Professor in Computer Science at Université Paris Dauphine)
13. Christoph Schmidt-Petri (now Assistant Professor at the University of Regensburg)

## Teaching at Giessen

### *Undergraduate Courses*

1. Introduction to Philosophy: Epistemology (Seminar, Spring 1997)
2. Quantum Mechanics I (Tutorial, Physics Dept., Fall 1990)
3. Theoretical Electrodynamics (Tutorial, Physics Dept., Spring 1990)
4. Theoretical Mechanics II (Tutorial, Physics Dept., Fall 1989)
5. Theoretical Mechanics I (Tutorial, Physics Dept., Spring 1989)

### *Graduate Courses*

1. Theoretical Quantum Optics (Tutorial, Physics Dept., Fall 1995)
2. Quantum Mechanics II (Tutorial, Physics Dept., Spring 1995)
3. Atomic Physics (Tutorial, Physics Dept., Spring 1994)
4. Statistical Mechanics (Tutorial, Physics Dept., Spring 1991)

## Summer Schools

1. Co-Director (with Claus Beisbart, Dortmund) of the interdisciplinary working group “Probabilities in Philosophy and Science” at the Summer School I of the *German National Merit Foundation* in Neubeuern, Germany, August 2011
2. Seminar leader (with Clark Glymour, CMU) of the course “Scientific Rationality: Bayesianism vs. Reliabilism” at the *European Forum Alpbach*, August 2006

3. Lecturer at the Summer School “Philosophy and Probability” at the University of Konstanz, September 2002 (I lectured on “Probability in Social Choice Theory”)
4. Co-Director (with Harald Atmanspacher, IGPP Freiburg) of the interdisciplinary working group “Universality and Context” at the Summer School I of the *German National Merit Foundation* in La Villa, Italy, September 2000