

Curriculum Vitae

Stephan Hartmann

CONTACT DETAILS

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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

UNIVERSITY EDUCATION

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

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

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

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

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

AREAS OF SPECIALIZATION

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

AREAS OF COMPETENCE

Philosophy of the social sciences, political philosophy, philosophy of mind, logic

ACADEMIC WORK EXPERIENCE

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 Cali-
fornia, 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, University of 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, University of Giessen (1989-1991)

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

GRANTS AND AWARDS

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 (Penn), Mark Colyvan (Sydney) and Jesús Zamora (Madrid). (2009-2011)

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)

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

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

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

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

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)

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

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

Grant from the *British Society for the Philosophy of Science* for the conference “Probability in Quantum Mechanics” at the London School of Economics (2004)

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

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

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

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

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)

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

Grant from the *TransCoop Program* of the *Alexander von Humboldt Foundation* for the project “Bayesian Networks in Philosophy” (with Luc Bovens) (2000–2002)

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

Award of the *Donors’ Association for the Promotion of Sciences and Humanities in Germany* (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

Chair, Program Committee of the second conference of the European Philosophy of Science Association (EPSA09) (Amsterdam 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) (from 2007)

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 4th 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 Superieure, Paris (with Guido Bacciagaluppi) (December 2004)

Organizer of the 3rd 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 2nd 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 1st International Summer School “Philosophy and Probability” at the University of Konstanz (with Luc Bovens) (August 2002)

Member of the Program Committee of the 6th 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

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)

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)

Referee for the following journals and book publishers: *American Philosophical Quarterly*, *Artificial Intelligence Review*, *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*, *Erkenntnis*, *European Union Politics*, 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*, *Philosophy of Science*, Routledge, *Studia Logica*, *Studies in History and Philosophy of Modern Physics*, *Synthese*, *Theoria*, University of Chicago Press and University of Pittsburgh Press.

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 *Epistemische Studien* with ontos-Verlag, Frankfurt (since 2001; with Michael Esfeld and Albert Newen; 13 books published so far; see <http://www.ontos-verlag.de/Buchreihen-ES.html>)

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

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)

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), English. Reading knowledge of Dutch and French

REFERENCES

On request.

List of Publications

Stephan Hartmann

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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, part 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*)
3. *Metaphysik und Methode: Strategien der zeitgenössischen Physik in wissenschaftsphilosophischer Perspektive*. Konstanz: Hartung-Gorre-Verlag 1995. (182 pp; in German).

Edited Volumes and Special Issues

1. *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.
2. 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 Hoefer and Roman Frigg, Tim Maudlin, Miklos Redei and Stephen Summers, Mauricio Suárez, and David Wallace.

3. 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.
4. 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.
5. *Coherence, Truth and Testimony* (ed. with Ulrich Gähde). Berlin: Springer 2006. (Reprint of the special issue of *Erkenntnis* mentioned below.)
6. *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.

Contributions to Journals and Books

1. Articles

1. 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.
2. 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.
3. 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.
4. An Impossibility Result for Coherence Rankings (L. Bovens and S. Hartmann), *Philosophical Studies* **128**, 77–91 (2006).

5. Modeling Partially Reliable Information Sources: A General Approach Based on Dempster-Shafer Theory (R. Haenni and S. Hartmann), *Information Fusion* **7**, 361–379 (2006).
6. Why There Cannot be a Single Probabilistic Measure of Coherence (L. Bovens and S. Hartmann), *Erkenntnis* **63**, 361–374 (2005).
7. Coherence and the Role of Specificity: A Response to Meijs and Douven (L. Bovens and S. Hartmann), *Mind* **114**, 365–369 (2005).
8. 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).
9. Transdisziplinarität – Eine Herausforderung für die Wissenschaftstheorie, in: M. Carrier and G. Wolters (eds.), *Homo Sapiens und Homo Faber*. Berlin: de Gruyter 2005, 335–343.
10. Normativität und Bayesianismus (S. Hartmann and L. Fahrbach), in: B. Gesang (ed.), *Deskriptive oder normative Wissenschaftstheorie*. Frankfurt: ontos-Verlag 2005, 177–204.
11. 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.
12. Solving the Riddle of Coherence (L. Bovens and S. Hartmann), *Mind* **112**, 601–634 (2003).
13. 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).
14. On Correspondence, *Studies in History and Philosophy of Modern Physics* **33B**, 79–94 (2002).
15. Bayesian Networks and the Problem of Unreliable Instruments (L. Bovens and S. Hartmann), *Philosophy of Science* **69**, 29–72 (2002).
16. 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.
17. Kohärenter explanatorischer Pluralismus, in: W. Hogebe (ed.), *Grenzen und Grenzüberschreitungen*. Putney, VT: Sinclair Press 2002, 141–150.

18. Effective Field Theories, Reduction and Scientific Explanation, *Studies in History and Philosophy of Modern Physics* **32B**, 267-304 (2001).
19. 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.
20. 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.
21. 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.
22. Models and Stories in Hadron Physics, in: M. Morgan and M. Morrison (eds.), *Models as Mediators*, Cambridge: Cambridge University Press 1999, 326–346.
23. Über die heuristische Funktion des Korrespondenzprinzips, in: J. Mittelstraß (ed.), *Die Zukunft des Wissens*, Konstanz: Universitätsverlag Konstanz 1999, 500–506.
24. 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.
25. 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.
26. Verfolgt die Teilchenphysik ein reduktionistisches Programm?, in: G. Meggle et al. (eds.), *Perspectives in Analytical Philosophy*, Berlin: de Gruyter 1997, 374–380.
27. 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.
28. 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 11th *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, 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. (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. Granger, Gilles Gaston, in: J. Mittelstraß (ed.), *Enzyklopädie Philosophie und Wissenschaftstheorie*, Vol. 3. Stuttgart: Metzler 2008, 197-198.
2. Models in Science (R. Frigg and S. Hartmann), *The Stanford Encyclopedia of Philosophy* (Spring 2006 Edition).
3. 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.
4. Erhaltungssätze, in: J. Mittelstraß (ed.), *Enzyklopädie Philosophie und Wissenschaftstheorie*, Vol. 2, Stuttgart: Metzler 2005, 268–270.
5. Vacuum, in: H. Gründer et al. (eds.), *Historisches Wörterbuch der Philosophie*. Basel: Schwabe 2001, 527–530.
6. Modelle (D. Bailer-Jones and S. Hartmann), in: H.-J. Sandkühler et al. (eds.), *Enzyklopädie der Philosophie*, Hamburg: Meiner 1999, 854–859.
7. Simulation, in: J. Mittelstraß (ed.), *Enzyklopädie Philosophie und Wissenschaftstheorie*, Vol. 3, Stuttgart: Metzler 1995, 805–807.

4. Book Reviews

1. P. Lipton: *Inference to the Best Explanation* (2nd edition) (L. Farmakis and S. Hartmann), *Notre Dame Philosophical Reviews*, May 2005.
2. J. Cushing: *Philosophical Concepts in Physics*, *Erkenntnis* **52**, 133–137 (2000).

5. In Print

1. Walter the Banker: The Conjunction Fallacy Reconsidered (with Wouter Meijs), to appear in *Synthese* 2009.
2. Consensual Decision-Making Among Epistemic Peers (with Carlo Martini and Jan Sprenger), to appear in *Episteme* 2009.
3. Welfarist Evaluations of Decision Rules under Interstate Utility Dependencies (with Claus Beisbart), to appear in *Social Choice and Welfare* (2009).

4. Bayesian Epistemology (A. Hájek and S. Hartmann), to appear in: M. Steup (ed.), *Blackwell Companion to Epistemology*. Oxford: Blackwell 2009.
5. Entanglement, Upper Probabilities and Decoherence in Quantum Mechanics (with Patrick Suppes), to appear in M. Dorato et al. (eds.), *Proceedings of the First Conference of the European Philosophy of Science Association*. Berlin: Springer 2009.
6. Computersimulationen in der Angewandten Politischen Philosophie – Ein Beispiel, (with Claus Beisbart), to appear in C.F. Gethmann (ed.), *Deutsches Jahrbuch Philosophie*, Vol. 3 (2009).
7. Modelle, in: H.-J. Sandkühler et al. (eds.), *Enzyklopädie der Philosophie*, Hamburg: Meiner 2009.
8. Conventional and Objective Invariance: Debs and Redhead on Symmetry (with Sebastian Lutz), to appear in *Metascience* 2009.
9. *Models and Simulations*. Special issue of *Synthese*, ed. with Roman Frigg and Cyrille Imbert. With contributions by Anouk Barberousse, Sarah Francescella and Cyrille Imbert, Robert Batterman, Roman Frigg and Julian Reiss, Till Grüne-Yanoff, Paul Humphreys, James Mattingly and Walter Warwick, Matthew Parker, Wendy Parker, Axel Gelfert, Dirk Schlimm, and Eric Winsberg.
10. Models and Simulations 2 (ed. with R. Frigg and C. Imbert). *Synthese*. ed. with Roman Frigg and Cyrille Imbert. With contributions by Alisa Bokulich, Uskali Mki, Christopher Pincock, Stathis Psillos, and Jan Sprenger.

6. Submitted

1. Judgment Aggregation and the Problem of Tracking the Truth (with Jan Sprenger), to appear in a special issue of *Synthese* (ed. by H. Arlo-Costa) on “Foundations of the Decision Sciences”
2. Reliable Methods of Judgment Aggregation (with Jan Sprenger and Gabriella Pigozzi).

7. Books in Preparation

1. *Handbook of the History of Logic, vol. 10: Inductive Logic* (ed. by D. Gabbay, S. Hartmann and J. Woods). To appear with Elsevier/North-Holland. With contributions by N. Chater, U. Hahn and M. Oaksford, F. Eberhardt and C. Glymour, Forster, M.C. Galavotti, M. Hild, H. Leitgeb and R. Ortner, J. Joyce, M. Lange, Milton, A. Musgrave, I. Niilinuoto, D. Osherson and S. Weinstein, S. Psillos, J.-W. Romeijn, R. Schwarz, B. Schölkopf, J. Weisberg, and S. Zabell.
2. *Probabilities in Physics*. (ed. by C. Beisbart and S. Hartmann). To appear with Oxford University Press. With contributions by Claus Beisbart, Jeffrey Bub, Craig Callender, John Earman and Laura Ruetsche, Roman Frigg, Stephan Hartmann, David Lavis, Barry Loewer, Tim Maudlin, Itamar Pitowsky, Huw Price, Christopher Timpson, Jos Uffink, and Christian Wüthrich.
3. *Philosophy of Physics*. (R. Frigg and S. Hartmann). Book proposal under review.

8. Articles in Preparation

1. Mathematics and Statistics in the Social Sciences (with Jan Sprenger), to appear in: J. Zamora-Bonilla et al. (eds.), *Handbook of Philosophy of Social Science*. London: Sage Publications 2009.
2. Bayesian Epistemology (with Jan Sprenger), to appear in: S. Bernecker and D. Pritchard (eds.), *Routledge Companion to Epistemology*. London: Routledge 2009.
3. Introduction (with Claus Beisbart), to appear in: C. Beisbart and S. Hartmann (eds.), *Probabilities in Physics*. Oxford: Oxford University Press 2009.
4. Probabilistic Modeling in Physics, to appear in: C. Beisbart and S. Hartmann (eds.), *Probabilities in Physics*. Oxford: Oxford University Press 2009.
5. kohärent/Kohärenz; Kohärenz, explanatorische; Kohärenz, probabilistische, to appear in: J. Mittelstraß (ed.), *Enzyklopädie der Wissenschaftsphilosophie und analytischen Philosophie*, Vol. 4, Stuttgart: Metzler 2009.
6. M. Strevens: Depth: An Account of Scientific Explanation (with J. Schupbach), to appear in *Notre Dame Philosophical Reviews*, 2009.
7. Quantum Optical Master Equations for Z Atoms: The Use of Superoperator Methods.

9. Special Issues in Preparation

1. Reduction and the Special Sciences (ed. with M. Colyvan). *Erkenntnis*.
2. Reduction, Emergence and Physics (ed. with G. Valente) *Foundations of Physics*
3. Formal Modeling in Social Epistemology (ed. with C. Martini and J. Sprenger)
Logic Journal of the IGPL

Physics Publications

1. Journal Articles

1. The Chromodielectric Soliton Model: Quark Self-Energy and Hadron Bags (L. Wilets, 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)
3. *Quantum Optical Master Equations for Z Atoms: A New Group-Theoretical Superoperator Method and Its Applications*. PhD Thesis in Physics, University of Munich. In preparation.

List of Talks (since 2000)

Stephan Hartmann

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

Invited Lectures

1. Social Networks in Science, 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.
2. TBA, Department of Theoretical Philosophy, University of Groningen, The Netherlands, June 2008.
3. Warum reduzieren? Eine wissenschaftsphilosophische Betrachtung, Philosophical Colloquium, University of Konstanz, Germany, June 2009.
4. “Disagreement and Consensus in Science”, Philosophy and Ethics of Technology Program, TU-Eindhoven, The Netherlands, June 2009.
5. 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.
6. Who’s Afraid of Nagelian Reduction?, Department of Philosophy, University of Toronto, Toronto, Canada, May 2009.
7. Who’s Afraid of Nagelian Reduction?, Department of Philosophy, University of South Carolina, Columbia, USA, May 2009.
8. “Disagreement and Consensus in Science”, Philosophy, Politics and Economics Seminars, University of Pennsylvania, Philadelphia, USA, April 2008.
9. “Bayesian Epistemology: An Overview”, Dutch Research Seminar for Analytic Philosophy, Utrecht University, The Netherlands, April 2009.
10. “Disagreement and Consensus in Science”, Philosophy Colloquium, University of Melbourne, Australia, April 2009.
11. “Disagreement and Consensus in Science”, Formal Philosophy Seminar, University of Leuven, Belgium, March 2009.

12. “Disagreement and Consensus in Science”, Department of History and Philosophy of Science, University of Cambridge, UK, February 2009.
13. “Probability and Decoherence”, LARSIM seminar, Paris, France, February 2009.
14. “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.
15. “Modellbildung in der Sozialwahltheorie”, Akademie der Wissenschaften in Hamburg, Hamburg, Germany, December 2008.
16. “Modellbildung in der Sozialwahltheorie”, Institute for Science and Technology Studies, University of Bielefeld, Germany, November 2008.
17. “Disagreement and Consensus in Science”, Centre for Logic and Philosophy of Science, Gent University, Belgium, November 2008.
18. “Judgement Aggregation in Networked Groups”, at the workshop on Computer Simulations in Social Epistemology, University of Leuven, Belgium, October 2008 (with Carlo Martini).
19. “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.
20. “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.
21. TBA, at the *Evert Willem Beth Centenary Conference*, Amsterdam, The Netherlands, September 2008.
22. “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)
23. Consensus, Compromise, and Judgment Aggregation, at the *31st International Wittgenstein Symposium*, Kirchberg, Austria, August 2008. (not attended)
24. “Konsens, Kompromiss und das diskursive Dilemma”, Colloquium, Center for Philosophy and Ethics of Science, University of Hannover, Germany, July 2008.
25. “Consensus, Compromise, and Judgment Aggregation”, Working Group in History and Philosophy of Logic, Mathematics and Science, University of California at Berkeley, USA, April 2008.

26. “Between Unity and Disunity: A Bayesian Account of Intertheoretic Relations”, at the workshop *Probability, Confirmation and Fallacies*, University of Leuven, Belgium, April 2008.
27. “Judgment Aggregation: An Epistemic Perspective”, Logos Colloquium, Universitat de Barcelona, Spain, March 2008.
28. “Wahrscheinlichkeitstheoretische Methoden in der Wissenschaftstheorie”, at the conference *Was ist Wissenschaft? Darstellung und Bestandsaufnahme der deutschen Wissenschaftsphilosophie*, Bonn, Germany, March 2008.
29. “Consensus, Deliberation and the Paradoxes of Judgment Aggregation”, Philosophy of Probability Seminar, IHPST, Paris, France, December 2007.
30. “Consensus, Deliberation and the Paradoxes of Judgment Aggregation”, Center for Logic and Analytic Philosophy, University of Leuven, Belgium, December 2007.
31. “Between Unity and Disunity: A Bayesian Account of Intertheoretic Relations”, Zeno Lecture, Leiden University, The Netherlands, November 2007.
32. “Reliable Methods of Judgment Aggregation”, EIPE Research Seminars, Erasmus University Rotterdam, The Netherlands, November 2007.
33. “Merging Judgments and the Problem of Truth-Tracking”, at *prolog07: The Third Workshop on Combining Probability and Logic*, University of Kent, UK, September 2007.
34. “Consensus, Deliberation and the Paradoxes of Judgment Aggregation”, at the *Judgment Aggregation Workshop*, Freudenstadt, Germany, September 2007.
35. “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.
36. “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).
37. “Probability and Decoherence”, *Philosophy of Physics Research Seminar*, Sub-Faculty of Philosophy, University of Oxford, UK, February 2007.
38. “Probability and Decoherence”, *Sigma Club Seminar*, London School of Economics, London, UK, January 2007.
39. “Naturalisierter Bayesianismus”, Philosophical Colloquium, Department of Philosophy, University of Bonn, Germany, December 2006.

40. “Modeling in Philosophy of Science”, Belgian Society for Logic and Philosophy of Science, Brussels, Belgium, December 2006.
41. “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).
42. “Unification and Coherence”, at the symposium *Unification in Science - The Hows and Whys*, at the conference PSA 2006, Vancouver, Canada, November 2006.
43. “Probability and Decoherence”, at the workshop on *Probabilities, Causes and Propensities in Physics*, Complutense University, Madrid, Spain, October 2006 (with Patrick Suppes).
44. “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).
45. “Probability and Decoherence”, at the workshop *Decoherence, Quantum Measurement and the Arrow of Time*, Beuggen, Germany, September 2006 (with Patrick Suppes).
46. “Computer Simulations, Experiments and Statistics”, at the symposium *A New Philosophical Image of Science*, at the conference HOPOS 2006, Paris, France, June 2006.
47. “Modeling in Philosophy of Science”, Department of Philosophy, University of Glasgow, Scotland, June 2006.
48. “Comments on Jon Williamson: Inductive Influence”, at the conference Formal Epistemology 2006, University of California at Berkeley, USA, May 2006.
49. “Unification and Coherence”, Research School of Social Sciences, The Australian National University, Canberra, Australia, April 2006.
50. “Modeling in Philosophy of Science”, Centre for Time, University of Sydney, Australia, April 2006.
51. “What Is a Scientific Theory? A Bayesian Account”, Monash Bayesian Reasoning Workshop 2006, Melbourne, Australia, April 2006.
52. “Probability and Decoherence”, Southern California Philosophy of Physics Group, Irvine, USA, March 2006 (with Patrick Suppes).
53. “Modeling in Philosophy of Science”, Center for Philosophy of Science, University of Pittsburgh, USA, March 2006.
54. “Unification and Coherence”, Department of Philosophy, Carnegie Mellon University, Pittsburgh, USA, March 2006.

55. “Modeling in Philosophy of Science”, Department of Philosophy, University of California at Davis, USA, February 2006.
56. “Modeling in Philosophy of Science”, Department of Philosophy, University of Geneva, Switzerland, February 2006.
57. “Modeling in Philosophy of Science”, Department of Logic and Philosophy of Science, University of California at Irvine, USA, January 2006.
58. “Modeling in Philosophy of Science”, Department of Philosophy, Ohio State University, Columbus, Ohio, January 2006.
59. “Interpretations of Quantum Mechanics and Interpretations of Probability”, at the conference *Philosophical and Foundational Problems of Modern Physics*, Budapest, Hungary, 2005. (Conference not attended)
60. “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).
61. “Modeling Partially Reliable Information Sources”, at the conference *Formal Epistemology 2005*, University of Texas at Austin, USA, 2005 (with Rolf Haenni).
62. “Why There Cannot Be a Single Probabilistic Measure of Coherence”, at the *Formal Epistemology Symposium*, Rotterdam, Netherlands, 2005 (with Luc Bovens).
63. “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.
64. “Formal vs. Historical Accounts of Scientific Theory Change”, British Society for the Philosophy of Science, London, UK, 2005.
65. “The Formalist and the Historicist Should be Friends”, at the conference *Formal vs. Historical Accounts of Scientific Theory Change* in Paris, France, 2004.
66. “Superoperator Methods in Quantum Optics”, Department of Mathematics, Royal Holloway, London, UK, 2004.
67. “Bayesianism and the Practice of Science”, at the workshop *Rationality and Patterns of Reasoning*, Bertinoro, Italy, 2004.
68. “Models in Science and Philosophy”, at a symposium of the Lauener-Stiftung in honor of Patrick Suppes. Bern, Switzerland, 2004.
69. “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.

70. “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.
71. “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.
72. “Probabilistic Modeling in Philosophy”, *History and Philosophy of Science Seminar*, University of Leeds, UK, 2004.
73. “Reduction and Emergence in Particle Physics”, at the conference *Emergence: Issues in Philosophy of Science*, Paris, France, 2004.
74. “Probabilistic Modeling in Philosophy”, three lectures at the conference *Formal Epistemology 2004*, University of California at Berkeley, USA, 2004.
75. “Varieties of Spaces”, at the Workshop *Spaces and Constraints* of the Strategy Institute of Boston Consulting Group, Oxford, UK, 2003.
76. “Warum interessieren sich Philosophen für naturwissenschaftliche Modelle?” at the conference *Modellbildung in den Naturwissenschaften*, Studienstiftung der deutschen Volkes, Kloster Drübeck/Harz, Germany, 2003 .
77. “Parameterizing the Atomic Nucleus: Explanation, Prediction and the Role of Intertheoretic Coherence”, at the *Philosophy, Probability and Physics Seminar*, University of Konstanz, Germany, 2003.
78. “Bayesian Coherentism”, *Popper Seminar*, Department of Philosophy, Logic and Scientific Method, London School of Economics and Political Science, London, UK, 2003.
79. “Welfare, Voting and the Constitution of a Federal Assembly”, Joint Weekend of New LSE Philosophy Students, Cumberland Lodge, 2004.
80. “Parameterizing the Atomic Nucleus: Explanation, Prediction and the Role of Intertheoretic Coherence”, *Philosophy of Physics Seminar*, Department of Philosophy, University of Bristol, UK, 2003.
81. “Bayesian Coherentism I”, at the workshop *Coherence* at the *Fifth International Congress of the German Society for Analytic Philosophy*, Bielefeld, Germany, 2003.
82. “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.

83. “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).
84. “Bayesian Coherentism I”, at the workshop *Bayesian Epistemology* at the *26th International Wittgenstein Symposiums*, Kirchberg, Austria, 2003.
85. “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.
86. “Modellbildung in der Philosophie”, Department of Philosophy, University of Düsseldorf, Germany, 2003.
87. “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.
88. “Bayesian Coherentism”, William Bennett Munro Memorial Seminar, California Institute of Technology, USA, 2003.
89. 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.
90. “Modellbildung in der Philosophie”, contribution to the Lecture Series *Aktuelle Probleme der Wissenschafts- und Erkenntnistheorie*, University of Hamburg, Germany, 2002.
91. “Explanation, Reduction and Fundamental Physics”, Department of Philosophy, University of Colorado, Boulder, USA, 2001.
92. “Towards a Probabilistic Model for Belief Change”, Department of Computing, University of Alberta, Edmonton, Canada, 2001.
93. “Explanation, Reduction and Fundamental Physics”, Department of Philosophy, University of Alberta, Edmonton, Canada, 2001.
94. “Explanation, Reduction and Fundamental Physics”, Department of Philosophy, University of South Carolina, Columbia, USA, 2001.
95. “Solving the Riddle of Coherence”, at the Colloquium “On Keith Lehrer’s Epistemology”, University of Konstanz, Germany, 2000.
96. “Bayesian Networks in Epistemology and Philosophy of Science”, Center for Philosophy of Science, University of Pittsburgh, Pittsburgh, 2000.

97. “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 Lectures

1. “Sources of Disagreement among Rational Agents”, at the conference Evidence, Science and Public Policy, Sydney, Australia, March 2009 (with Jan Sprenger).
2. “Consensus, Compromise, and Judgment Aggregation”, International Network for Economic Method Conference, Madrid, Spain, September 2008 (with Jan Sprenger).
3. “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).
4. “Judgment Aggregation and the Problem of Truth-Tracking”, at the SILFS 2007 Conference, Milan, Italy, October 2007 (with Gabriella Pigozzi).
5. “Judgment Aggregation and the Problem of Truth-Tracking”, at the 38th Meeting of the European Mathematical Psychology Group, Luxembourg, Luxembourg, September 2007 (with Gabriella Pigozzi).
6. “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).
7. “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).
8. “Aggregation in Multi-Agent Systems and the Problem of Truth-Tracking”, at *TARK XI*, Brussels, Belgium, June 2007 (with Gabriella Pigozzi).
9. “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).
10. “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).
11. “Probability and Decoherence”, at the *15th UK and European Meeting on the Foundations of Physics*, University of Leeds, UK, March 2007.

12. “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).
13. “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).
14. “Modeling Scientific Theory Change”, at the *Fifth European Congress for Analytic Philosophy*, Lisbon, Portugal, 2005.
15. “Understanding, Explanation, and Scientific Models”, at the conference *Philosophical Perspectives on Scientific Understanding*, Amsterdam, The Netherlands, 2005 (with Roman Frigg).
16. “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).
17. “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.
18. “Explanatory Pluralism Made Coherent”, at the International Congress *Causation and Explanation in Natural and Social Sciences*, Ghent, Belgium, 2002.
19. “Welfare, Voting and the Constitution of a Federal Assembly”, at the *Fourth European Congress for Analytic Philosophy*, Lund, Sweden, 2002 (with Luc Bovens).
20. “An Impossibility Result for Coherence Rankings”, at the *Fourth European Congress for Analytic Philosophy*, Lund, Sweden, 2002 (with Luc Bovens).
21. “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).
22. “Explanation, Reduction and Fundamental Physics”, at the *Annual Philosophy of Science Conference*, Dubrovnik, Croatia, 2002.
23. “Kohärenter explanatorischer Pluralismus”, at the *XIX. Deutsche Kongress für Philosophie* in Bonn, Germany, 2002.
24. “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.
25. “Belief Expansion, Contextual Fit and the Reliability of Information Sources”, at the conference “Context 2001”, Dundee, Scotland, 2001 (with Luc Bovens).

26. “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.
27. “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.
28. “Model Based Reasoning in Social Choice Theory”, at the conference “Model Based Reasoning 2001”, Pavia, Italy, 2001.
29. “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).
30. “Solving the Riddle of Coherence”, at the conference of the *Society for Exact Philosophy*, Montreal, Canada, 2001 (with Luc Bovens).
31. “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, England, 2001 (with Luc Bovens).
32. “Coherence, Belief Expansion, and Bayesian Networks”, at the *8th Intl. Workshop on Non-Monotonic Reasoning NMR’2000*, Breckenridge, CO, USA, 2000 (with Luc Bovens).
33. “Bayesian Networks in Epistemology and Philosophy of Science”, at the conference *Computation and Philosophy*, Carnegie-Mellon University, Pittsburgh, USA, 2000.
34. “Bayesian Networks in Epistemology and Philosophy of Science”, at the *14th European Conference on Artificial Intelligence (ECAI)*, Berlin, Germany, 2000.
35. “The Riddle of Coherence”, at the *Forth International Congress of the German Society for Analytic Philosophy*, Bielefeld, Germany, 2001.
36. “Bayesian Networks in Epistemology and Philosophy of Science”, at the conference “Foundations of the Formal Sciences II”, Bonn, Germany, 2000.

14 contributed lectures 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
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Teaching and supervision at Tilburg

A. Courses

1. Philosophy of Economics (graduate course for economics students; one semester, 2009/2010)
2. Experts in a Complex World (graduate course; one semester, 2009/2010)
3. Philosophy of Science (graduate course; one semester, 2007/2008 and 2008/2009)
4. Epistemology (graduate course; one semester, 2007/2008 and 2008/2009)
5. Research Seminar in Epistemology and Philosophy of Science (for PhD students, faculty and postdocs; two semesters, each semester)

B. Supervised PhD students

1. Carlo Martini (entered program 2/08)
2. Dorette van der Tholen (entered program 9/07)
3. Sander Voerman (entered program 9/07)
4. Jonah Schupbach (HPS Pittsburgh, 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 Intertheoretic 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 04/08)
2. Lefteris Farmakis (“Bayesianism and Scientific Realism”, finished 02/08)
3. Kyoung Yang (“Structuralist Account of the Theory-Change from Newtonian to Einsteinian Physics”, finished 04/08)
4. Juan Pablo Flores de Villar (entered program 09/05)
5. Fernando Morrett (entered program 09/06)
6. Maria Elena Di-Bucchianico (entered program 09/06)

C. Supervised Master students

I supervised 3 to 7 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 06/07)

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 Lachman Fellow at the London School of Economics)
4. Armond Duwell (now Assistant Professor at the University of Montana)
5. Ludwig Fahrbach (now Assistant Professor at the University of Düsseldorf)
6. Natalie Gold (now Lecturer at the University of Edinburgh)
7. Rolf Haenni (now Assistant Professor at the University of Bern)
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 Research Associate at La Trobe University)
12. Gabriella Pigozzi (now Research Associate at the University of Luxembourg)
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. Seminar leader (with Clark Glymour) of the course “Scientific Rationality: Bayesianism vs. Reliabilism” at the *European Forum Alpbach*, August 2006.
2. Lecturer at the Summer School “Philosophy and Probability” at the University of Konstanz, September 2002 (I lectured on “Probability and Social Choice Theory”)
3. Co-Director 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 (with Harald Atmanspacher, IGPP Freiburg)