

1 CV

1.1 Personal Information

Name: Dr. Eric Raidl
 Professional address: Fachbereich für Philosophie,
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 78457 Konstanz
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1.2 Employment

03/06/2015 – *Research Associate* (Wissenschaftlicher Mitarbeiter) within the DFG project “What-if?” (project extension) directed by Prof. Wolfgang Spohn (department of Philosophy, University of Konstanz)

01/03/2018 – 30/06/2018
 24/09/2015 – 28/02/2017 *Lecturer* (Wissenschaftlicher Mitarbeiter with teaching duties), department of Philosophy, University of Konstanz

01/03/2015 – 30/06/2015
 01/03/2016 – 30/06/2016 *Tutorials & Lecturer on Advanced Logics* within the CogMaster of the DEC, with Prof. Jacques Dubucs (ENS, EHESS, University Paris-Descartes)

01/10/2014 – 31/12/2014 *Research Associate* to Prof. Wolfgang Freitag (department of Philosophy, University College Freiburg)

01/02/2012 – 31/01/2013 *Lecturer / Research Associate* to Prof. Wolfgang Spohn (department of Philosophy, University of Konstanz)

01/10/2010 – 30/09/2011 *Research Fellow* and PI of the project “Symmetries, Invariance and Objectivity in Probabilistic Reasoning” at the Zukunftskolleg (University of Konstanz)

01/12/2010 – 31/12/2010 *Research Associate*, ANR LOGISCIENCE (CNRS, Paris)

01/09/2007 – 31/08/2010 *Early Career Researcher* (allocataire de recherche), IHPST (University Paris Panthéon-Sorbonne)

01/09/2003 – 31/12/2004 *Research Assistant* within the DFG project “Kulturen des Performativen: Spektakuläre Experimente” (Institut für Theaterwissenschaft, Freie Universität Berlin)

1.3 Education

01/09/2007 – 04/12/2014 PhD, Philosophy, University Paris Panthéon-Sorbonne
 (highest honours, mention très honorable avec félicitations du jury, à l’unanimité)
Dissertation: *Probability, Invariance and Objectivity: Symmetries in Probabilistic and Statistical Reasoning*
 Supervisors: Jacques Dubucs (CNRS), Wolfgang Spohn (Konstanz)
 Examiners: Igor Douven (Paris 4), Theo Kuipers (University Groningen), Max Kistler (Paris 1, IHPST), Jon Williamson (University of Kent).

01/09/2006 – 31/08/2007 MSc (Master 2), Mathematical Logic and Foundations of Informatics, University Paris Diderot
Thesis: *Gödel’s Incompleteness and Ramsey Type Theorems (with an application of the Ketonen-Solovay domination method to regressive functions)*
 (highest honours)
 Supervisor: Jordi Lopez Abad
 Examiners: Stevo Todorovic, Jordi Lopez Abad

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| 01/09/2005 – 30/06/2006 | MA (Master 2), Philosophy, University Paris-Nanterre (highest honours) <u>Thesis:</u> <i>The Logical Roots of Carnap's Aufbau: Frege's Functional hierarchy and Russell's Theory of Types</i> (highest honours) Supervisor: Max Kistler Examiners: Max Kistler, Jean-Michel Salanskis |
| 01/09/2004 – 31/08/2005 | MSc (Master 1), Mathematical Logic, University Paris Panthéon-Sorbonne |
| 01/09/2004 – 30/06/2005 | MA (Master 1), Philosophy, University Paris Nanterre (highest honours) |
| 01/09/2004 – 31/08/2007 | Bursary & Student of the Ecole Normale Supérieure (ENS, rue d'Ulm), Paris |
| 01/09/2001 – 31/08/2004 | BA (Grundstudium, diploma 2003), Philosophy, Freie Universität Berlin (honours) |
| 01/09/2001 – 31/08/2004 | BA (Grundstudium, diploma 2003), Theatre Studies, Freie Universität Berlin (highest honours) |

1.4 Grants & Scholarships

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| 2010 – 2011 | “Symmetry, Invariance and Objectivity in Probability Theory”, research project funded by the <i>Deutsche Forschungsgemeinschaft</i> DFG (budget €17,600) |
| 2007 – 2010 | “Probabilité, Invariance et Objectivité”, dissertation project (allocation de recherche) funded by the <i>Ministère de l'Éducation Nationale</i> , France (budget €55,108) |
| 2004 – 2007 | Pre-doctoral Scholarship, <i>Selection internationale</i> , Ecole Normale Supérieure, Rue d'Ulm, Paris (budget €46, 800) |
| 2002 – 2005 | Scholarship of the <i>Deutsche Studienstiftung</i> (budget €23,400) |

1.5 Publications

Peer Reviewed Journals

1. Raidl, E. (2018): Open-minded orthodox Bayesianism by epsilon-conditionalisation. Accepted for publication in *The British Journal for the Philosophy of Science*.
2. Raidl, E. (2018): Lewis's triviality for nice plausibilities. Accepted for publication in *Journal of Logic, Language and Information*.
3. Raidl, E. (2018): Completeness for counter-doxa conditionals – using ranking semantics, *The Review of Symbolic Logic*. (Available under First View here)
4. Raidl, E. & Skovgaard-Olsen, N. (2017): Bridging ranking theory and the stability theory of belief, *Journal of Philosophical Logic*, **46**(6), 577–609. (Accessible here)
5. Raidl, E. (2016): Updating a prolog, *Journal of Applied Logic* (Special Issue PROGIC 2015, edited by J. Landes and J. Williamson), **14**, 65–94. (Accessible here)

Peer Reviewed Conference Proceedings

1. Raidl, E. (2018): Ranking semantics for doxastic necessities and conditionals, in *Logica Yearbook 2017* (Arazim, P. and Lávička, T., eds), London: College Publications, pp. 223–238.

Translations

1. Raidl, E.: Rudolf Carnap's “Le concept logique de probabilité”, “Mes conceptions fondamentales de la probabilité et de l'induction”, “Un système d'axiomes pour la logique inductive” (translated from English), in *Logique inductive et probabilités. Carnap (1945-1970)* (P. Wagner, ed.), Paris: Vrin (2015), pp. 133–154, 275–283, 285–292.

2. Raidl, E.: Dominique Pestre’s “Die Funken sichtbar und öffentlich machen: Spektakel und Kontroversen um die historischen Experimente von Heinrich Hertz” (translated from English), in *Spektakuläre Experimente: Praktiken der Evidenzproduktion* (Schramm, H.; Schwarte, L.; Lazardzig, J., eds.), Berlin: de Gruyter, 2005, pp. 414–431.
3. Raidl, E.: Bruno Bachimont’s “Formale Zeichen und digitale Computation: zwischen Intuitionismus und Formalismus. Kritik der computationellen Vernunft” (translated from French), in *Instrumente in Kunst und Wissenschaft* (H. Schramm et al., eds.), Berlin: de Gruyter, 2004, pp. 329–416.

1.6 Work in Progress

Conditional Acceptance

1. Raidl, E.; Spohn, W. (2018): An accuracy argument in favor of ranking theory. Conditionally Accepted (minor revisions) for publication in *Journal of Philosophical Logic*.

Under Review

1. Raidl, E.: The category-theoretic structure of revision, *Journal of Philosophical Logic*.
2. Raidl, E.: Epistemic-state parallelism: Translating between probabilities and ranks, *Erkenntnis*.
3. Raidl, E.: Comparative representation for ordinal valued ranking functions, *Ergo*.
4. Raidl, E.: Laws of conditionals as laws of belief revision – too neat to be non-paradoxical, *Philosophy and Phenomenological Research*.
5. Raidl, E.: Please don’t crash: from update to revision semantics, *Journal of Semantics*.

1.7 Work in Preparation

Article Manuscripts

1. Raidl, E. & Rott, H.: Revising context dependent and vague beliefs: A model based on ranking functions.
2. Raidl, E.: Updating doubts.
3. Raidl, E.: Generalising orthodox bayesianism robustly.
4. Raidl, E.: Rational monotonicity failure for strength indexed conditionals: completeness results.

Monograph Manuscripts

1. Dubucs, J. & Raidl, E. (2015-16): *Advanced Logic* (232p). [Target: Oxford University Press]
2. Raidl, E. (2016): *Ranking Theory, its Epistemology and Logic* (181p). [Target: Cambridge University Press]
3. Raidl, E. (2014): *Probabilité, Invariance et Objectivité: Symétrie dans le raisonnement probabiliste et statistique* (790p + 102p english summary). [Target: College Publications]

Course Manuscripts

1. Raidl, E. (2018): *Modal Logic* (234p).
2. Raidl, E. (2016): *Conditionals* (55p).
3. Raidl, E. (2016): *Berechenbarkeit und Gödel Unvollständigkeit* (264p). [Target: De Gruyter]
4. Raidl, E. (2016): *Logik* (291p). [Target: De Gruyter]

1.8 Teaching

The lectures/seminars consist of 13-14 sessions. If not mentioned otherwise, each session has a duration of 1h30 min.

- 2018 Spring *Modal Logic and its Philosophical Applications* (with Antje Rumberg), MA, (lectured) seminar, University of Konstanz.
- 2018 Spring *Laplace and the Philosophy of Probability*, MA, seminar, University of Konstanz.
- 2016 Winter *Dretske's 'Knowledge and the Flow of Information*, MA, seminar, University of Konstanz.
- 2016 Spring *Conditionals* (with Niels Skovgaard-Olsen), MA, seminar, University of Konstanz.
- 2016 Spring *Gödel Incompleteness and Recursion Theory*, MA, (lectured) seminar, University of Konstanz.
- 2016 Spring *Advanced Logic* (with Jacques Dubucs), Cogmaster, (lectured) seminar (3h), ENS, EHESS & University Paris-Descartes.
- 2015 Winter *Ranking Theory and Epistemology*, MA, seminar, University of Konstanz.
- 2015 Winter *Formal Logic*, BA, lecture, University of Konstanz.
- 2015 Spring *Advanced Logic* (with Jacques Dubucs), Cogmaster2, (lectured) seminar (3h), ENS, EHESS & University Paris-Descartes.
- 2013 Spring *Symmetries in Scientific Theories*, BA, seminar, University of Konstanz. [This course was approved and prepared, but could not be taught, due to serious illness in my family]
- 2012 Winter *Philosophy and Theory of Probability*, BA, seminar, University of Konstanz.
- 2009–10 *Philosophy of Language and Analytical Philosophy*, Private Tutions to students preparing the Agrégation de Philosophie, Paris.

1.9 Visiting & Associated

- 2011 One-month stay at New York University with Prof. Michael Strevens
- 01/04/2009 *Associated fellow* within the ANR-DFG project “Causa-Proba” (IHPST/CNRS/ENS,
– 31/03/2012 Université Paris Panthéon-Sorbonne, University of Konstanz)

1.10 Presentations at Academic Events

Invited

1. *Laws of conditionals as laws of belief revision – too neat to be non-paradoxical*, UBC Workshop on Causation & Counterfactuals in Philosophy, Science and Law, Vancouver, 4–5.10.2018.
2. *Informative test-semantics for indicative conditionals* (with Brian Leahy), 3rd Belgrade Conference on Conditionals, Belgrade, 27–30.05.2017.
3. *Bridging ranking theory and the stability theory of belief* (with Niels Skovgaard-Olsen), Conceptions of Belief in the Philosophy of Science, Regensburg, 29.09–01.10.2016.
4. *Comment on “2 approaches to belief revision” by T. Shear, J. Weisberg, B. Fitelson – an algebraic presentation*, Formal Epistemology Workshop, Groningen, 20–22.06.2016.

5. *General ranking updates by optimisation*, Entropy-workshop, Etelsen Ludwigsburg, 15–16.02.2016.
6. *Commentary on Bengt Autzen's "Prior probabilities in bayesian phylogenetics"*, Points of Contact between the Philosophy of Physics and the Philosophy of Biology: Probability, Laws, and Natural Kinds, Workshop of the European Science Foundation Research Networking Program, LSE, London, 13–15.12.2010.
7. *La méthode des fonctions arbitraires: Comment explique-t-elle (mieux) les attributions de probabilité basées habituellement sur le principe d'indifférence?*, Probabilité décision incertitude (PDI), IHPST, Paris, 17.10.2008.

Refereed

1. *Bayesian norms vs. open-mindedness*, Ecap9, München, 21–26.08.2017.
2. *Ranking semantics for doxastic conditionals*, Logica, Hejnice, 19–23.06.2017.
3. *Ranked severe uncertainty and its revisions*, Prolog, München, 29–31.03.2017.
4. *Triviality for (nice) plausibilities*, European Epistemology Workshop, Paris, 4–6.07.2016.
5. *Bayesian norms vs. open-mindedness*, Epistemic Norms, KU Leuven, 9–11.11.2015.
6. *The problem of iterated revision*, Prolog, University of Kent, 20–4.04.2015.
7. *Cheating at coin tossing*, Paris workshop: Causality and Intervention, Conference, University of Kent, held in Paris, 9–10.06.2011.
8. *Objective probability and invariance under interventions*, Paris workshop: Work in progress in Causal and Probabilistic Reasoning, Graduate conference, University of Kent, held in Paris, 28–29.06.2010.
9. *Les fonctions de confirmation de Carnap : Axiomes d'invariance ou invariance aux changements de langage*, Société de philosophie des Sciences (international conference), ENS, Paris, 12–14.11.2009.
10. *The method of arbitrary functions: Its mathematics and inference status*, LogICCC Day at WUPES 09, International Conference, Liblice, 19–24.08.2009.
11. *The early method of arbitrary functions: Causality and probability*, Causality and Probability in the Sciences, International Conference, University of Kent, Canterbury, 10–12.09.2008
12. *A rehabilitation of classical probability? The method of arbitrary functions*, Philosophy of Probability, Graduate Conference, LSE, London, 27–28.06.2008.
13. *Probabilistic causality*, Probabilistic Causality Summer School, CEU, Budapest, 21.07–01.08.2008.

Other Talks (eg. Project-related or at the host University)

1. *Ranking semantics and the psychology of reasoning* (with Niels Skovgaard-Olsen), "The Many What Ifs", Concluding Conference of the DFG-project "What If?", Konstanz, 11-13.10.2018.
2. *Conditional laws and epistemic norms*, 'What-if?' Retreat, Hegne, 11–14.01.2018.
3. *Where is the Ramsey-test? And what does it do?*, 'What-if?' Jour Fix, Konstanz, 6.1.2018.
4. *Dynamic ranked semantics for Sobel- and Heim-sequences*, 'What-if?' Retreat, Hegne, 13–15.01.2017.
5. *Modal disbelief and conditionals: Ranking theory and possible worlds semantics compared*, General Meeting 'What-if?' Research group, Konstanz, 15.07.2016
6. *Probabilistic revision, triviality and conditionals*, Logic Colloquium, Konstanz, 14.07.2016.
7. *Sensitive probability conditionals*, Workshop on 'The Epistemology of Conditionals', Konstanz, 10.06.2016.
8. *Introduction to philosophy*, Studentage der Universität Konstanz, 09.03.2016; 06–07.03.2018.
9. *Ranking theory, an introduction*, Jour Fix, Konstanz, 17.11.2015.
10. *Objective causality based on probability*, CausaProba workshop: The Objective Reality of Causation, University of Konstanz, 17–18.05.2012.
11. *Presentation of the DFG-ANR project CAUSPROBA* (with Jacques Dubucs and Isabelle Drouet, and participation of Wolfgang Spohn, Michael Baumgartner and Luke Glynn), DFG-ANR Tagung, Max Planck Institut, Berlin, 5–7.05.2010.

12. *Probabilistic multilevel causation: The case of statistical mechanics*, CausaProba workshop: Multi-level Causation, IHPST, Paris, 25–26.03.2010.
13. *Probabilistic causality*, Probabilistic Causality Summer School, CEU, Budapest, 21.07–01.08.2008.

1.11 Administrative Experience

Conference, Workshop & Seminar Organisation & Assistance

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| 11– 13/12/2018 | “The Many What Ifs”, Concluding Conference of the DFG-project “What If?”, Konstanz (assisting organisation for sub-project P1). |
| 10/06/2016 | “The Epistemology of Conditionals”, Workshop centred around Igor Douven’s work, Konstanz (main organiser). |
| 2009–2010 | <i>CausProba</i> Reading Group, weekly seminar of the ANR-DFG project CausaProba, IHPST, University Paris Panthéon-Sorbonne (with Isabelle Drouet). |
| 2007–2008 | <i>PhilSci</i> Doctoral Research Seminar on “Probability”, at the ENS, IHPST, University Paris Panthéon-Sorbonne (with Maël Pegny). |

1.12 Professional Activities

Referee for *The Review of Symbolic Logic*, *Synthese*, *The British Journal for the Philosophy of Science*, *Journal of Applied Logic*, *Economics and Philosophy*.

1.13 Miscellaneous

Natural Languages: German and French (bilangual), English (fluent), Spanish (basics).

Programming Languages: TeX/LaTeX, Gnu Octave, Lisp Scheme, Caml, Prolog, HTML, Microsoft Office (Word, PowerPoint, Excel).

Other Activities:

- 2003 *Summer Academy of the Deutsche Studienstiftung* (Olangen): working group on Psychology
- 2000–2001 *Civil Service* in Berlin, Germany
- 1997 6-month exchange programme with the USA (Scottsdale, Pennsylvania)