

# Curriculum Vitae and List of Publications

Hannes Leitgeb

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## Department Address

Chair of Logic and Philosophy of Language,  
Alexander von Humboldt Professor, and  
Founder/Co-Director of the Munich Center for Mathematical Philosophy  
Faculty of Philosophy, Philosophy of Science and the Study of Religion  
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## Personal Information

Date of birth: 26/06/72.<sup>1</sup>  
Nationality: Austrian.  
Married (to Conny). Two children (Sebastian and Victoria).

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<sup>1</sup>All dates are stated in dd/mm/yy format.

## Areas of Specialization

Logic, Epistemology, Philosophy of Language, Philosophy of Science, Philosophy of Mathematics, Metaphysics, Cognitive Science.

## Areas of Competence

History of Logical Empiricism, Carnap, Quine.

## Education

- Ph.D. (with distinction), Philosophy, University of Salzburg, 02/07/01  
Dissertation: *Inference on the Low Level*  
Committee: Gerhard Schurz (Düsseldorf/Salzburg), Georg Dorn (Salzburg).
- Ph.D. (with distinction), Mathematics, University of Salzburg, 09/07/98  
Dissertation: *Truth as Translation*  
Committee: Johannes Czermak (Salzburg), Peter Woodruff (UC Irvine).
- M.Sc. (with distinction), Mathematics, University of Salzburg, 20/02/97  
Thesis: *Another Approach to Many-Valued Logic*  
Supervisor: Johannes Czermak (Salzburg).

## Academic Positions and Offers

Offers from the Department of Philosophy, Rutgers University, and from the Department of Philosophy, University of California at Davis, November 2017. Declined.

Chair of Logic and Philosophy of Language, and Alexander von Humboldt Professor, Faculty of Philosophy, Ludwig-Maximilians University Munich. Founder & (Co-)Director of Munich Center for Mathematical Philosophy (01/10/10–).

Offers from the Department of Philosophy, Stanford University, and from the Faculty of Philosophy, University of Groningen, (both Full Professorships), November 2009. Declined.

Offer from the Logic and Philosophy of Science Department, University of California at Irvine (Full Professorship), February 2009. Declined.

Professor, Departments of Philosophy & Mathematics, Univ. of Bristol (01/08/07–30/09/10).

Reader, Departments of Philosophy & Mathematics, University of Bristol (01/09/05–31/07/07).

Offers from Stanford University (tenure-track Associate Professorship), declined, and the University of Bristol (tenured Readership), March 2005.

Assistant Professor, Department of Philosophy, University of Salzburg  
(13/10/02–31/08/05).

Post-doctoral scholar, Department of Philosophy, University of Salzburg.  
Project: *Logic and Cognitive Science* (May 1999–August 2002).

Post-doctoral scholar, Department of Mathematics, University of Salzburg.  
Project: *Formal Theories of Truth* (February 1999–April 1999).

Research Assistant, Department of Forensic Neuropsychiatry,  
University of Salzburg. Project: *Logical Methods in Biocybernetic  
Brain Research* (1995–1997).

### **Visiting Appointments**

Visiting Professor, Department of Philosophy, University of Düsseldorf  
(February 2009–July 2009).

Visiting scholar, Department of Philosophy & CSLI, Stanford University  
(September 2004–August 2005).

### **Honors and Awards**

Philosophy Students' Award for Excellence in Teaching,  
Faculty of Philosophy, Philosophy of Science and Study of Religion,  
LMU Munich, July 2020.

Philosophy Students' Award for Excellence in Teaching,  
Faculty of Philosophy, Philosophy of Science and Study of Religion,  
LMU Munich, July 2018.

Member of Leopoldina, Deutsche Akademie der Naturforscher, 2016.

Philosophy Students' Award for Excellence in Teaching,  
Faculty of Philosophy, Philosophy of Science and Study of Religion,  
LMU Munich, July 2015.

Article "A Lottery Paradox for Counterfactuals Without Agglomeration"  
chosen for *The Philosopher's Annual Vol. 34*, 2014.

Member of Academia Europaea, 2014.

Philosophy Students' Award for Excellence in Teaching,  
Faculty of Philosophy, Philosophy of Science and Study of Religion,  
LMU Munich, July 2012.

Member of Académie Internationale de Philosophie des Sciences, 2011.

Article “An Objective Justification of Bayesianism II” (with R. Pettigrew) chosen for *The Philosopher’s Annual Vol. 30*, 2010.

*Alexander von Humboldt Professorship* (EUR 3,500,000), Alexander von Humboldt Foundation, Germany, February 2010.

*Friedrich Wilhelm Bessel Research Award* (EUR 45,000), Alexander von Humboldt Foundation, Germany, November 2007.

*Philip Leverhulme Prize* (£ 70,000), Leverhulme Trust, UK, October 2007.

University of Bristol candidate for the *Leverhulme Research Leadership Award* Competition 2007, Leverhulme Trust, UK.

Finalist of the *Gödel Centenary Young Scholars Competition* (organized and sponsored by the Kurt Gödel Society and the John Templeton Foundation), Vienna, April 2006.

*Erwin Schrödinger Fellowship* (\$ 36,200), Project: “Carnap’s *Logischer Aufbau* Revived”, Austrian Research Fund (J2344-G03), September 2004–August 2005.

Austrian Research Fund *Post-Doctoral Fellowship*, in the Special Research Project “Theorien- und Paradigmenpluralismus” (SFB F012), May 1999–August 2002.

Austrian Research Fund *Post-Doctoral Fellowship* (P13431-MAT), February 1999–April 1999.

*Research Scholarship* of the Medical Research Society Salzburg, 1995–1997.

*M.Sc. Thesis Research Prize* (“Förderungspreis”), Department of Mathematics, University of Salzburg, December 1994.

## **Publications**

Books:

1. In preparation: *Reviving Logical Empiricism*.
2. In preparation: *Logik für Philosophen: Eine Einführung in die klassische Aussagen- und Prädikatenlogik* (with A. Hieke). 334 pp. I use the draft for my Logic 1 lecture in Munich.

3. *The Stability of Belief. How Rational Belief Coheres with Probability.* Oxford: Oxford University Press, 2017, 384 pp.
4. *Reduction – Abstraction – Analysis* (edited, with A. Hieke), Frankfurt a. M.: Ontos Press, 2009, 414 pp.
5. *Reduction. Between the Mind and the Brain* (edited, with A. Hieke), Frankfurt a. M.: Ontos Press, 2009, 216 pp.
6. *Philosophy of Mathematics: 5 Questions* (edited, with V. Hendricks), Automatic Press, 2007, 342 pp.
7. *Inference on the Low Level. An Investigation into Deduction, Non-monotonic Reasoning, and the Philosophy of Cognition*, Dordrecht: Kluwer, Applied Logic Series, 2004, 384 pp.
8. *Logik und Grundlagen der Mathematik*, Salzburg: Österreichische Hochschülerschaft, 2004, 83 pp. (based on lectures given to the Department of Mathematics, University of Salzburg, in the summer semester 2002).

Journal Articles:

1. “On Non-Eliminative Structuralism. Unlabeled Graphs as a Case Study (Part B)”, to appear in *Philosophia Mathematica*, 31 pages.
2. “A Structural Justification of Probabilism: From Partition Invariance to Subjective Probability”, *Philosophy of Science* 88/2 (2021), 341–365.
3. “On Non-Eliminative Structuralism. Unlabeled Graphs as a Case Study (Part A)”, *Philosophia Mathematica* 28/3 (2020), 317–346.
4. “Why Pure Mathematical Truths Are Metaphysically Necessary: A Set-theoretic Explanation”, *textitSynthese* 197 (2020), 3113–3120.
5. “HYPE: A System of Hyperintensional Logic (With an Application to Semantic Paradoxes)”, *Journal of Philosophical Logic* 48/2 (2019), 305–405.
6. “Probability for the Revision Theory of Truth” (with C. Campbell-Moore and L. Horsten), *Journal of Philosophical Logic* 48 (2019), 87–112.

7. “Imaging All the People”, *Episteme* 14/4 (2017), 463–479.
8. “The Humean Thesis on Belief”, *Proceedings of the Aristotelian Society of Philosophy* 89/1 (2015), 143–185.
9. “A Lottery Paradox for Counterfactuals Without Agglomeration”, *Philosophy and Phenomenological Research* 89/3 (2014), 605–636.
10. “The Review Paradox. A Note on the Diachronic Costs of Not Closing Rational Belief Under Conjunction”, *Nous* 48/4 (2014), 781–793.
11. “A Way Out of the Preface Paradox?”, *Analysis* 74/1 (2014), 11–15.
12. “The Stability Theory of Belief”, *The Philosophical Review* 123/2 (2014), 131–171.
13. “Reducing Belief Simpliciter to Degrees of Belief”, *Annals of Pure and Applied Logic* 164 (2013), 1338–1389.
14. “Scientific Philosophy, Mathematical Philosophy, and All That”, *Metaphilosophy* 44/3 (2013), 267–275.
15. “Criteria of Identity, Strong and Wrong”, *British Journal for the Philosophy of Science* 64/1 (2013), 61–68.
16. “Revision Revisited” (with L. Horsten, G. Leigh, P. Welch), *Review of Symbolic Logic* 5/4 (2012), 642–664.
17. “How Serious is the Paradox of Serious Possibility?” (with S. Duca), *Mind* 121/481 (2012), 1–36.
18. “A Probabilistic Semantics for Counterfactuals. Part B”, *Review of Symbolic Logic* 5 (2012), 85–121.
19. “A Probabilistic Semantics for Counterfactuals. Part A”, *Review of Symbolic Logic* 5 (2012), 16–84.
20. “God – Moore = Ramsey. (A Reply to Chalmers and Hájek)”, *Topoi* 30/1 (2011), 47–51.
21. “New Life for Carnap’s *Aufbau*?”, *Synthese* 180/2 (2011), 265–299.

22. “Logic in General Philosophy of Science: Old Things and New Things”, *Synthese* (2011) 179/2, 339–350.  
(The paper will also appear in: V. Hendricks et al. (eds.), *PHIBOOK*, Yearbook of Philosophical Logic, Copenhagen: Automatic Press.)
23. “On the Ramsey Test Without Triviality”, *Notre Dame Journal of Formal Logic* 51/1 (2010), 21–54.
24. “Logic and Philosophy of Mathematics”, *Journal of the Indian Council of Philosophical Research* 27/2 (2010), special issue on Logic and Philosophy Today, A. Gupta and J. van Benthem (eds.), 129–154.
25. “Sleeping Beauty and Eternal Recurrence”, *Analysis* 70/2 (2010), 203–205.
26. “An Objective Justification of Bayesianism II: The Consequences of Minimizing Inaccuracy” (with R. Pettigrew), *Philosophy of Science* 77/2 (2010), 236–272.
27. “An Objective Justification of Bayesianism I: Measuring Inaccuracy” (with R. Pettigrew), *Philosophy of Science* 77/2 (2010), 201–235.
28. “Criteria of Identity and Structuralist Ontology” (with J. Ladyman), *Philosophia Mathematica* 16/3 (2008), 388–396.
29. “On the Probabilistic Convention T”, *Review of Symbolic Logic* 1/2 (2008), 218–224.
30. “Finitistic and Frequentistic Approximation of Probability Measures with or without  $\sigma$ -Additivity” (with G. Schurz), *Studia Logica* 89/2 (2008), 257–283.
31. “An Impossibility Result on Semantic Resemblance”, *dialectica* 62/3 (2008), 293–306.
32. “Beliefs in Conditionals vs. Conditional Beliefs”, *Topoi* 26/1 (2007), 115–132.
33. “Dynamic Doxastic Logic: Why, How, and Where to?” (with K. Segerberg), *Synthese KRA* 155/2 (2007), 167–190.

34. “A New Analysis of Quasianalysis”, *Journal of Philosophical Logic* 36/2 (2007), 181–226.
35. “What Theories of Truth Should Be Like (But Cannot Be)”, Blackwell *Philosophy Compass* 2/2 (2007), 276–290.
36. “When Betting Odds and Credences Come Apart: More Worries for Dutch Book Arguments” (with D. Bradley), *Analysis* 66.2 (2006), 119–127. The article is reprinted in: A. Eagle (ed.), *Philosophy of Probability: Contemporary Readings*, Routledge, 2009.
37. “Paradox by (Non-Wellfounded) Definition”, *Analysis* 65.4 (2005), 275–278. (Translated into Serbo-Croatian by Sandro Skansi for the journal *Scopus*, X/22, 2006, 96–103.)
38. “Hodges’ Theorem Does Not Account for Determinacy of Translation. A Reply to Werning”, *Erkenntnis* 62 (2005), 411–425.
39. Introduction to special issue of *Synthese* on “Non-monotonic and Uncertain Reasoning in the Focus of Paradigms of Cognition” (with G. Schurz), *Synthese* 146 (2005), 1–5.
40. “Interpreted Dynamical Systems and Qualitative Laws: From Inhibition Networks to Evolutionary Systems”, *Synthese* 146 (2005), 189–202.
41. “What Truth Depends On”, *Journal of Philosophical Logic* 34/2 (2005), 155–192.
42. “Circular Languages” (with A. Hieke), *The Journal of Logic, Language and Information* 13 (2004), 341–371.
43. “Was ist ein wissenschaftliches Paradigma? Zur Explikation des Paradigmenbegriffes” (with N. Gratzl), *Conceptus* 36/89–90 (2004), 1–42.
44. “Possible Worlds Semantics for Modal Notions Conceived as Predicates” (with V. Halbach, P.D. Welch), *Journal of Philosophical Logic* 32/2 (2003), 179–223.
45. “Nonmonotonic Reasoning by Inhibition Nets II”, *International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems* 11, suppl. issue 2 (2003), 105–135.



46. “What is a Self-Referential Sentence? Critical Remarks on the Alleged (Non-)Circularity of Yablo’s Paradox”, *Logique et Analyse* 177–178 (2002), 3–14.
47. “Truth as Translation (Part B)”, *Journal of Philosophical Logic* 30/4 (2001), 309–328.
48. “Truth as Translation (Part A)”, *Journal of Philosophical Logic* 30/4 (2001), 281–307.
49. “No Future” (with L. Horsten), *Journal of Philosophical Logic* 30/3 (2001), 259–265.
50. “Theories of Truth which have no Standard Models”, *Studia Logica* 68/1 (2001), 69–87.
51. “Nonmonotonic Reasoning by Inhibition Nets”, *Artificial Intelligence* 128/1-2 (2001), 161–201.
52. “New Results on the Network Semantics for Cumulative Systems of Nonmonotonic Reasoning”, *Informatikberichte* 287-8/2001 (2001), 37–52.
53. “Truth and the Liar in De Morgan-Valued Models”, *Notre Dame Journal of Formal Logic* 40/4 (1999), 496–514.
54. “The Neuro-Glial Synchronisation Hypothesis” (with B. Mitterauer, H. Reitböck), *Recent Res. Dev. in Biological Cybernetics* 1 (1996), 137–155.
55. “A Class of n-Valued Statement Calculi: Many Universes Statement Calculus”, *Kriterion* 11 (1996), 3–15.

Articles in Books and Conference Volumes:

1. “On Potential Infinity in Arithmetic” (with A. Hieke), to appear in a volume edited by N. Gratzl and S. Huttegger.
2. “Stability and the Lottery Paradox”, in: I. Douven (Ed.), *Lotteries, Knowledge, and Rational Belief. Essays on the Lottery Paradox*, Cambridge: Cambridge University Press, 2021, 147–170.

3. “Exact Truthmaking as Inexact Truthmaking by Minimal Totality Facts”, in: A.Giordani and J. Malinowski (Eds.), *Logic in High Definition. Trends in Logical Semantics, Trends in Logic* 56, Cham: Springer, 2021 67–75.
4. “Neural Network Models of Conditionals”, in: S.O. Hansson and V.F. Hendricks (eds.), *Introduction to Formal Philosophy*, Berlin: Springer, 2018, 147–176.
5. “Abstraction Grounded. A Note on Abstraction and Truth”, in: P. Ebert and M. Rossberg (eds.), *Abstractionism: Essays in Philosophy of Mathematics*, Oxford: Oxford University Press, 2017, 269–282.
6. “A Bridge Principle for Ranking Functions and Subjective Probability”, in: W. Freitag et al. (eds.), *Von Rang und Namen. Essays in Honour of Wolfgang Spohn*, Münster: Mentis, 2017, 243–253.
7. “Probability in Logic”, in: A. Hájek and C. Hitchcock (eds.), *The Oxford Handbook of Probability and Philosophy*, Oxford: Oxford University Press, 2016, 681–704.
8. “Belief as Qualitative Probability”, in: C.E. Crangle, A. García de la Sienra, H.E. Longino (eds.), *Foundations and Methods from Mathematics to Neuroscience. Essays Inspired by Patrick Suppes*, Stanford: CSLI Publications, 2014, 119–130.
9. “Belief as a Simplification of Probability, and What This Entails”, in: A. Baltag and S. Smets (eds.), *Johan van Benthem on Logical and Information Dynamics, Outstanding Contributions to Logic* 5, Berlin: Springer, 2014, 405–417.
10. “The Stability Theory of Belief. A Summary” (extended abstract), in: J. van Benthem and F. Liu (eds.), *Logic Across the University: Foundations and Applications*, Proceedings of the Tsinghua Logic Conference at Beijing 2013, Volume 47: Studies in Logic, London: College Publications, 2013, 47–54.
11. “Comments on Feng Ye, ‘Introduction to a Naturalistic Philosophy of Mathematics’”, in: J. van Benthem and F. Liu (eds.), *Logic Across the University: Foundations and Applications*, Proceedings of the Tsinghua

Logic Conference at Beijing 2013, Volume 47: Studies in Logic, London: College Publications, 123–127.

12. “Metacognition and Indicative Conditionals: A Précis”, in: M.J. Beran, J. Brandl, J. Perner, and J. Proust (eds.), *Foundations of Metacognition*, Oxford: Oxford University Press, 2012, 252–266.
13. “From Type-Free Truth to Type-Free Probability”, in: G. Restall and G. Russell (eds.), *New Waves in Philosophical Logic*, New York: Palgrave Macmillan, 2012, 84–93.
14. “Mechanizing Induction” (with R. Ortner), in: D. Gabbay, S. Hartmann, and J. Woods (eds.), *Handbook of the History of Logic*, Vol. 10: *Inductive Logic*, Oxford: North Holland (Elsevier), 2011, 719–772.
15. “Mengers Logik für Ethik und Moral: Nichts von Sollen, nichts von Güte, nichts von Sinnlosigkeit” (with A. Siegetsleitner), in: A. Siegetsleitner (ed.), *Logischer Empirismus, Werte und Moral. Eine Neubewertung*, Vienna/New York: Springer, 2010, 197–218.
16. “On Formal and Informal Provability”, in: Ø. Linnebo and O. Bueno (eds.), *New Waves in Philosophy of Mathematics*, New York: Palgrave Macmillan, 2009, 263–299.
17. “How Abstraction Works” (with L. Horsten), in: A. Hieke and H. Leitgeb (eds.), *Reduction – Abstraction – Analysis*, Frankfurt a. M.: Ontos Press, 2009, 217–226.
18. “Towards a Logic of Type-Free Modality and Truth”, in: C. Dimitracopoulos et al. (eds.), *Logic Colloquium 05*, Lecture Notes in Logic, Cambridge: Cambridge University Press, 2008, 68–84.
19. “On the Metatheory of Field’s ‘Solving the Paradoxes, Escaping Revenge’”, in: Jc Beall (ed.), *The Revenge of the Liar. New Essays on the Paradox*, Oxford: Oxford University Press, 2007, 159–183.
20. “Neural Network Models of Conditionals: An Introduction”, in: X. Arzola, J. M. Larrazabal et al. (eds.), *LogKCA-07*, Proceedings of the First ILCLI International Workshop on Logic and Philosophy of Knowledge, Communication and Action, Bilbao: University of the Basque Country Press, 2007, 191–223.

21. “Struktur und Symbol”, in: H. Schmidinger and C. Sedmak (eds.), *Der Mensch – ein animal symbolicum?*, Topologien des Menschlichen IV, Darmstadt: Wissenschaftliche Buchgesellschaft, 2007, 131–147.
22. “Argument und Beweis”, in: G. Kreuzbauer and G. Dorn (eds.), *Argumentation in Theorie und Praxis: Philosophie und Didaktik des Argumentierens*, Wien: Lit-Verlag 2006, 31–39.
23. “How to Parry Goodman’s Seven Strictures on Similarity”, in: O. Neumaier, C. Sedmak, and M. Zichy, *Gerechtigkeit. Auf der Suche nach einem Gleichgewicht*, Proceedings of the 7th Congress of the Austrian Society for Philosophy, Frankfurt: Ontos Press, 2005, 364–370.
24. “How Similarities Compose”, in: M. Werning, E. Machery, and G. Schurz (eds.), *The Compositionality of Meaning and Content I: Foundational Issues*, Frankfurt: Ontos Press, 2005, 147–167.
25. “Possible Worlds Semantics for Predicates” (with V. Halbach, P.D. Welch), R. Kahle (ed.), *Intensionality*, Lecture Notes in Logic, ASL, 2005, 20–41.
26. “Der formale Kalkül SK samt Semantik” and “Die alternative Formalisierung SK2 samt Semantik” (with E. Morscher), in: E. Morscher (ed.), *Was heißt es, ein Recht auf etwas zu haben? Stig und Helle Kangers Analyse der Menschenrechte*, Sankt Augustin: Academia, 2004, 57–70 and 77–83.
27. “A Proxy-Function Argument for the Indeterminacy of Meaning”, in: A. Hieke and O. Neumaier (eds.), *Philosophie im Geiste Bolzanos*, Sankt Augustin: Academia, 2003, 293–300.
28. “Metaphysical Modalities in Scientific Language: A Roadmap of (Im-) Possibilities”, in: H. Rott, V. Horak (eds.), *Possibility and Reality – Metaphysics and Logic*, Frankfurt a.M.: Ontos Press, 2003, 187–219.
29. “Poppers Wahrheitstheorie(n)”, in: E. Morscher (ed.), *Was wir Karl R. Popper und seiner Philosophie verdanken. Zu seinem 100. Geburtstag*, Sankt Augustin: Academia, 2002, 185–217.

30. “Metaworlds: A Possible Worlds Semantics of Truth”, in: V. Halbach, L. Horsten (eds.), *Principles of Truth*, Epistemische Studien, Frankfurt a.M.: Hänsel-Hohenhausen, 2002, 129–151.
31. “Nonmonotonic Reasoning as a Section of a Theory of Rationality”, in: B. Brogaard (ed.), *Rationality and Irrationality*, Kirchberg: Austrian Ludwig Wittgenstein Society, 2000, 252–258.

In Preparation or Under Review:

1. “Modal HYPE”.
2. “A Defense of Logicism” (with E. Zalta and U. Nodelman).
3. “A Theory of Propositions and Truth” (with P. Welch).
4. “A Unified Theory of Semantic and Pragmatic Meaning”.
5. “Logical Rules as Definitions”.
6. “On Merely Expressive Devices”.
7. “Ramsification and Semantic Indeterminacy”.
8. “A Note on the Logic of Machine Learning”.
9. “Logic for Vector Space Models”.
10. “Primary Knowledge First”.
11. “The Relationship(s) between Logic and Philosophy”.

Reviews:

1. Review of: R. Carnap, *Der logische Aufbau der Welt*, Berlin: Weltkreis, 1928, in: *Topoi* 28/2 (2009), 163–165.
2. Review of: N. Unwin, *Aiming at Truth*, New York: Palgrave MacMillan, 2007, in: *Philosophical Books* 49/4 (2008), Basil Blackwell Publishing, 384–386.

3. Review of: V.F. Hendricks and J. Symons, *Formal Philosophy*, Automatic Press, 2005, in: *Philosophy in Review* 27/4 (2007), 266–268.
4. Review of: E. Köhler et al. (eds.), *Kurt Gödel. Wahrheit & Beweisbarkeit*, vol. I and II, Vienna: öbv et hpt, 2002, in: *Philosophia Mathematica* 15/2 (2007), 245–257.
5. Review of: Timothy Williamson, *Knowledge and its Limits* Oxford: Oxford University Press, 2000, in: *Grazer Philosophische Studien* 65 (2002), 195–205.
6. Eight reviews for the *Mathematical Reviews*, American Mathematical Society (see <http://www.ams.org/>).

#### Editorial Work:

1. Co-editor (with I. Petrakis, P. Schuster and H. Schwichtenberg) of a special issue of *IfCoLog. Journal of Logics and their Applications* on “Proof, Truth, Computation”, 2016, Volume 3/4 (2016), 513–753.
2. Coordinating Editor of *Review of Symbolic Logic* (01/01/13–31/12/15).
3. Editor-in-Chief of *Erkenntnis* (since 01/01/11).
4. Editor of *Review of Symbolic Logic* (23/12/10–31/12/12).
5. Consulting Editor of *Journal of Philosophical Logic* (since 26/03/08).
6. Consulting Editor of *Theoria* (since 14/12/07).
7. Associate Editor of *Erkenntnis* (22/09/06–31/12/10).
8. Managing Editor of *Studia Logica* (15/12/05–30/11/11).
9. Subject Editor of the *Stanford Encyclopedia of Philosophy* for Philosophy of Mathematics (since 01/10/05).
10. Editor of a special volume of *Studia Logica* on “Psychologism in Logic?”, *Studia Logica* 88/1 (2008).
11. Co-editor of a special volume (two numbers) of *Synthese* on “Non-monotonic and Uncertain Reasoning in the Focus of Paradigms of Cognition” (with G. Schurz), *Synthese* 146/1–2 (2005).

12. Co-founder and co-editor of *LOGOS*, Book Series on Logic, Metaphysics, and Philosophy of Language (Ontos Press, 2002–2015).
13. Member of the Editorial Board of *Semantics and Pragmatics* (since May 2015).
14. Member of the Editorial Board of the *Springer Briefs in Philosophy of Science* (since December 2013).
15. Member of the Editorial Board of the forthcoming book series *Studies in Theoretical Philosophy*, Klostermann Verlag (since 26/02/2013).
16. Member of the Editorial Board of the *European Journal for the Philosophy of Science* (since 22/06/09).
17. Member of the Editorial Board of the *Grazer Philosophical Studies* (since 05/06/08).
18. Member of the Editorial Board of the *Bulletin of Symbolic Logic Reviews Section* (01/01/08–31/12/10).
19. Member of the Editorial Board of *The Collected Works of Rudolf Carnap* (Open Court, since February 2007).

Published Abstracts:

1. “On Truth and Probability”, *The Bulletin of Symbolic Logic* 15/1 (2009), 98.
2. “A Type-Free Theory of Modality and Truth”, *The Bulletin of Symbolic Logic* 12/2 (2006), 320.
3. “Semantic dependence for type-free truth, modality, and membership”, *The Bulletin of Symbolic Logic* 12/1 (2006), 160–161.
4. “Paradoxes for Tense logic” (with L. Horsten), *The Bulletin of Symbolic Logic* 7/1 (2001), 119.
5. “The Possible Worlds of Semantically Closed Languages”, *The Bulletin of Symbolic Logic* 6/1 (2000), 118.

6. “Truth Predicates Defined by Translations”, *The Bulletin of Symbolic Logic* 5/1 (1999), 120–121.

#### Other Publications:

1. “Rudolf Carnap” (with A. Carus), entry in the *Stanford Encyclopedia of Philosophy*, <https://plato.stanford.edu/entries/carnap/>, 2020.
2. “Humanismus im postfaktischen Zeitalter?”, Festrede zur 400-Jahr-Feier des akademischen Gymnasiums Salzburg, November 2017.
3. “Was ist Logik?”, *Fatum. Magazin für Philosophie der Wissenschaft, Technik und Gesellschaft* 2 (2015), 7.
4. “Eine außergewöhnliche Kombination!”, *Widerspruch – Münchner Zeitschrift für Philosophie* 53 (2011), 123–127.
5. “Reseaux de neurones capables de raisonner”, *Dossier Pour la Science* (special issue of the French edition of the *Scientific American*) October/December 2005, 97–101.

#### Discussion of Research in the Press

1. TV appearance in *Scobel*, 3Sat, “Mathematik”, 23/01/20.
2. Interview with *leitwolf*, 002, and the *Private Banking Magazin*, 2016, available online at <https://www.private-banking-magazin.de/hannes-leitgeb-und-alexander-raviol-die-anwendbarkeit-von-mathematik-steht-nicht-in-zweifel-1467032292/>.
3. Contribution to epilogue of Jonas Winner, *Das Gedankenexperiment*, *Die Zeit* (Edition), April 2015.
4. TV appearance in *Scobel*, 3Sat, “Normalitt”, 08/05/14.
5. Interview, *Süddeutsche Zeitung*, 14/11/13.
6. Interview, *Information Philosophie* 1/2013, p.110.
7. Interview, *Humboldt Kosmos* 98/2011 (supplement to the *Zeit* and the *Frankfurter Allgemeine Sonntagszeitung*).



8. Interview, *Salzburger Uni-Nachrichten*, October 2011.
9. Interview, *LMU Forschungsmagazin Einsichten*, 2011.
10. Interview on “Paradoxien und Unsinn”, Bayrischer Rundfunk, 2011.
11. Interview, *Radio Salzburg*, 2011.
12. Film on my research, Alexander von Humboldt Foundation,  
<http://www.humboldt-foundation.de/web/ahp-2010.html>.
13. Interview, *Spitzenforscher für Deutschland. Die Preisträger der Alexander von Humboldt-Professur im Porträt*, Alexander von Humboldt Foundation, 2011, 34–37.
14. Interview, *The Reasoner* 5/4, <http://www.thereasoner.org/>, April 2011, 48–50.
15. Interview, *APA Zukunftswissen*, <http://www.zukunftswissen.apa.at>, July 2010.
16. Interview, *The Reasoner* 4/4, <http://www.thereasoner.org/>, April 2010, 51–53.
17. Interview with the ORF (Austrian Broadcasting Corporation),  
<http://science.orf.at/stories/1640677/>, March 2010.
18. Article on my research (“Where maths meets philosophy”), *Leverhulme Trust Newsletter*, February 2008.
19. Interview with *Epigram*, Bristol University’s Independent Student Newspaper, 195, November 2007.
20. Interview with *Salzburger Uni-Nachrichten* on the “Aufbau” project, December 2004.
21. Interview on “Bewußtsein und der freie Wille” in the special issue of *Aurora* with the same title (internet journal for politics, economy, culture, society, and science), 2002;  
see: [http://www.aurora-magazin.at/wissenschaft/phil\\_inhalt\\_frm.htm](http://www.aurora-magazin.at/wissenschaft/phil_inhalt_frm.htm)

## Refereeing and Reviewing

*Agence Nationale de la Recherche, Analysis, Alexander von Humboldt Foundation, Artificial Intelligence, Arts and Humanities Research Council, Australasian Journal of Philosophy, Axiomathes, British Journal for the Philosophy of Science, Cambridge University Press, Canadian Journal of Philosophy, Conceptus, Czech Science Foundation, Deutsche Studienstiftung, dialectica, Edinburgh University Press, Engineering and Physical Sciences Research Council, Erkenntnis, European Research Council, European Science Foundation, Flemish FWO, Foundation for Polish Science, Georgian National Science Foundation, German Academic Exchange Service (DAAD), German Research Foundation (Deutsche Forschungsgemeinschaft), Grazer Philosophical Studies, Hessisches Ministerium für Wissenschaft und Kunst (Exzellenzförderung), Journal of Applied Non-Classical Logics, Journal of Artificial Intelligence Research, Journal of Philosophical Logic, Journal of Semantics, Lecture Notes in Artificial Intelligence, Leverhulme Trust, Logical Analysis and History of Philosophy, LSE Philosophy Papers, Mathematical Reviews, Mind, Notre Dame Journal of Formal Logic, Nous, Oxford University Press, Philosophical Quarterly of Israel, Philosophische Forschung, Philosophical Review, Philosophical Studies, Philosophy and Phenomenological Research, Philosophy of Science, Polish Journal of Philosophy, Review of Symbolic Logic, Routledge, Semantics and Pragmatics, Social Sciences and Humanities Research Council of Canada, Stanford Encyclopedia of Philosophy, Studia Logica, Swiss National Science Foundation, Synthese, Synthese, “Knowledge, Rationality and Action”, Theoretical Computer Science, The Philosophical Quarterly, Thought, Volkswagen Foundation, ZiF Bielefeld, Zukunftskolleg Konstanz.*

## Invited Presentations

1. TBA, Closing Workshop of the ANR-DFG project *Formalism, Formalization, Intuition and Understanding in Mathematics*, Fondation Del Duca of the Institut de France (15/06/22–17/06/22).
2. TBA, *Vienna Circle Conference*, Vienna (05/05/22–07/05/22).
3. TBA, *LOFT Conference*, 2022.
4. TBA, *Richardfest*, Boston (04/11/21–07/11/21).

5. TBA, Workshop on *Logic and Deliberation*, Rotterdam (26/10/21–27/10/21).
6. TBA, *Formal Methods in Philosophy* Workshop, Warsaw (20/09/21–21/09/21).
7. TBA, *3rd Context, Cognition and Communication* Conference, Warsaw (16/09/21–19/09/21).
8. TBA, *PhDs in Logic*, Berlin (08/09/21–10/09/21).
9. “Logic and Artificial Neural Networks”, *Summer School in Neurosciences*, Paris-Saclay Institut of Neurosciences, Virtual (25/06/21).
10. “On Merely Expressive Devices”, *First International Congress on Logic, Epistemology and Methodology of the University of Costa Rica*, Virtual (24/06/21).
11. “On Merely Expressive Devices”, Arché Seminar at St Andrews (06/04/21).
12. “Mathematical Philosophy”, *Discrete Mathematics Day*, FWF Doctoral Programme ‘Discrete Mathematics’ (Graz/Leoben), Virtual (11/12/2020).
13. “Philosophy as Rational Construction”, *Tbingen* (10/12/2020).
14. “On the Logic of Vector Space Models”, Workshop on *Logic with Vector Space Models*, Tsinghua University, Beijing (13/11/20).
15. “On the Logic of Vector Space Models”, LPS Colloquium, UC Irvine (23/10/20).
16. “On Merely Expressive Devices”, UT Austin, Virtual (09/10/20).
17. “On the Logic of Vector Space Models”, *Joint Online Logic Colloquium*, Virtual (08/05/20).
18. “On the Logic of Vector Space Models”, *ILLC Colloquium*, Amsterdam (21/11/2019).
19. “On Merely Expressive Devices”, Department of Philosophy, Bochum (31/10/2019).
20. “On Merely Expressive Devices”, Metzler Lecture at *SOPhiA Conference*, Salzburg (20/09/19).
21. “Ramsification and Semantic Indeterminacy”, Special Sunday Lecture, *Congress on Logic Methodology and Philosophy of Science and Technology* (CLMPST), and *Logic Colloquium 2019*, Prague (11/08/2019).

22. “From Communicative Belief Revision to a Theory of Semantic and Pragmatic Meaning”, *SEGA Final Conference*, Prague (18/07/19-20/07/19).
23. “HYPE: A System of Hyperintensional Logic and Semantics”, *Mathematical Philosophy Week*, Peking University (24/06/2019).
24. “On Merely Expressive Devices”, *Mathematical Philosophy Week*, Peking University (24/06/2019).
25. “Philosophy as Rational Construction and the Role of Mathematics in Philosophy”, *Mathematical Philosophy Week*, Peking University (23/06/2019).
26. “The Partition-Sensitivity of Belief”, Workshop *Belief in Context*, Hamburg (08/02/19).
27. “On Merely Expressive Devices (such as Metaphysical Modalities)”, *Diaphora Workshop*, Neuchatel (12/12/2018).
28. “Logic as Rational (Re-)Construction”, Conference *Logic and Theoretical Philosophy*, Beijing (27/10/18).
29. “Relevance: Semantics, Logic, and the Logic of Belief”, Workshop *Logic and Relevance*, Hamburg (12/10/18).
30. “Semantic Indeterminacy, Classical Mathematics, and the Sorites”, Workshop *Philosophy & Mathematics*, Wroclaw (05/10/18).
31. “HYPE: A System of Hyperintensional Logic”, *New Trends in Logic Conference*, Milan (26/09/18).
32. “Model-Theoretic Semantics for Mere Expressive Devices”, *41st International Wittgenstein Symposium on Philosophy of Logic and Mathematics*, Kirchberg (08/08/18).
33. “Semantic Indeterminacy, Classical Mathematics, and the Sorites”, *Humboldt Workshop in the Philosophy of Language and Logic*, Berlin (02/07/18).
34. “HYPE: A System of Hyperintensional Logic (With an Application to Semantic Paradoxes)”, *Conference on The Liar and its Revenge*, Salzburg (28/06/18).
35. “Semantic Indeterminacy, Classical Mathematics, and the Sorites”, Workshop *Formal Methods in Philosophy: Truth, Paradox, and Mathematics*, Munich (06/06/18).

36. “From Communicative Belief Revision to Pragmatic Meaning”, *Topoi Conference on Foundational Issues in Philosophical Semantics*, Turin (31/05/18–01/06/18).
37. “The Stability of Belief – From A Bird’s Eye View”, *Knowledge, Belief, Evidence Conference*, Oxford (22/05/18).
38. “HYPE: A System of Hyperintensional Logic (With an Application to Semantic Paradoxes)”, *Logical Perspectives Conference*, Saint Petersburg (18/05/18).
39. “Semantical Indeterminacy, Classical Mathematics, and the Sorites”, Universität des Saarlandes (02/05/18).
40. “Models with Non-Representing Concepts: Logicality, Analyticity, Metaphysics”, *Workshop on Engineering Logical Concepts*, Oslo (09/03/18).
41. “Philosophy as Rational Reconstruction”, *ConceptLab Seminar*, Oslo (07/03/18).
42. “Semantic Indeterminacy, Classical Mathematics, and the Sorites”, *Diaphora Conference*, Barcelona (13/12/17).
43. “Logic as Rational Reconstruction”, *Bergen-Munich Workshop*, Munich (07/12/2017).
44. “Semantical Indeterminacy, Classical Mathematics, and the Sorites”, *DLMPST Meeting*, Salzburg (30/11/17).
45. “Semantic Indeterminacy, Classical Mathematics, and the Sorites”, *9th French PhilMath Workshop*, Nancy (06/10/17).
46. “Metaphysics as Rational Reconstruction”, *Quo Vadis, Metaphysics? Conference*, The International Centre for Formal Ontology (ICFO), Warsaw (26/09/17).
47. Commentary on Christensen, Hajek, Schoenfield, Williamson, *Epistemic Rationality: Conceptions and Challenges*, Barcelona (21/09/17).
48. “Bayesian Philosophy of Language, “Natural Logic”, and the Stability Bridge”, *Sinn und Bedeutung Conference*, Berlin (10/09/17).
49. “A Theory of Rational Belief: Logic, Probability Theory, and Neural Networks”, Max-Planck Institute of Plasma Physics, Garching (21/07/17).

50. “HYPE: A System of Hyperintensional Logic (With an Application to Semantic Paradoxes)”, *11th Panhellenic Logic Symposium*, Delphi, Greece (12/07/17).
51. “HYPE: A System of Hyperintensional Logic (With an Application to Semantic Paradoxes)”, Conference *The Structure of Modal and Semantic Reasoning*, Munich (30/06/17).
52. “On Mathematical Structuralism. A Theory of Unlabeled Graphs as Anterem Structures”, *Workshop on Structural Realism and the Metaphysics of Science*, Rutgers (19/05/17).
53. “Structuralist (Philosophy of) Mathematics. An Axiomatic Theory of Unlabeled Graphs as Example”, Conference “*Logik zwischen Mathematik und Philosophie*”, Göttingen (29/04/17).
54. “A New System of Hyperintensional Logic and Semantics (And Its Application to Semantic Paradoxes)”, University of Connecticut, Storrs (06/04/17).
55. “Philosophy as Rational Reconstruction. What Philosophy Might Do for AI”, Workshop on Artificial Intelligence, British Embassy Berlin (09/03/17).
56. “Philosophy as Rational Reconstruction”, Department of Philosophy, UC Davis (17/02/17).
57. “A New System of Hyperintensional Logic and Semantics (And Three Applications to Grounding)”, Workshop on *Metaphysical Explanation, Mathematical Explanation: New Perspectives*, Paris (02/02/17).
58. “Philosophy as Rational Reconstruction. Truth and Semantic Paradoxes as an Example”, *Diaphora Workshop on Logic and Paradox*, Munich (14/12/16).
59. “A New System of Hyperintensional Logic and Semantics (And Its Applications to Semantic Paradoxes)”, *Truth Conference*, Amsterdam (04/12/16).
60. “New Foundations for Hyperintensional Logic & Semantics”, *Celebratory Colloquium in Honour of Gerhard Schurz*, Düsseldorf (01/12/16).
61. “Philosophy as Rational Reconstruction. A Methodological Proposal”, Department of Philosophy, University of Düsseldorf (22/11/16).
62. “Philosophy as Rational Reconstruction. A Methodological Proposal”, Department of Philosophy, University of Zürich (21/10/16).

63. “A Theory of Unlabeled Graphs as Ante Rem Structures”, *Foundations of Mathematical Structuralism*, Munich (13/10/16).
64. “The Stability of Belief”, *Workshop on Conceptions of Belief in Philosophy and Science*, Regensburg (29/09/16).
65. “Mathematical Empiricism: A Methodological Proposal”, *Workshop on Philosophical Methods*, University Duisburg-Essen (16/06/16).
66. “The Stability of Belief”, FARBEK Workshop, Barcelona (26/05/16).
67. ‘Mathematical Empiricism. A Mathematical Vision for Philosophy’, Workshop on Leibniz, Trento (23/05/16).
68. “A Hyperintensional Logic for the Causal ‘Because’?”, *Workshop on The Metaphysical ‘Because’ and the Foundations of Mathematics*, Hamburg (22/01/16).
69. “A Hyperintensional Logic for the Causal ‘Because’?”, *Workshop on Questions in Semantics and Logic*, Amsterdam (15/12/15).
70. “Meet the Editor”, Seminar at the Central European University Budapest (08/12/15).
71. “Logik, Schlussfolgern, Gehirn. Das Gehirn aus der Sicht eines Logikers – in fünf Akten”, Department of Philosophy, University of Göttingen (25/11/15).
72. “The Humean Thesis on Belief”, Symposium (lead symposiast), *89th Joint Session of the Aristotelian Society and Mind Association*, Warwick (12/07/15).
73. “On Mathematical Structuralism. A Theory of Unlabeled Graphs as Ante Rem Structures”, Department of Philosophy, University of Konstanz (02/07/15).
74. “Logik, Schlussfolgern, Gehirn. Das Gehirn aus der Sicht eines Logikers – in fünf Akten”, *First Bonn Logic Lecture*, University of Bonn (21/05/15).
75. “The Humean Thesis on Belief”, Department of Philosophy, University of Bonn (21/05/15).
76. “On Mathematical Structuralism. A Theory of Unlabeled Graphs as Ante Rem Structures”, Moral Sciences Club, Cambridge (12/05/15).

77. “Theoretical Terms and Induction. Two Carnapian Remarks”, *First Salzburg-Irvine-Munich Workshop*, Salzburg (24/04/15).
78. “Logik, Schlussfolgern, Gehirn”, *Auricher Wissenschaftstage* (23/03/15).
79. “On Mathematical Structuralism. A Theory of Unlabeled Graphs as Ante Rem Structures”, Department of Letters and Philosophy, University of Florence (13/03/2015).
80. “The Stability of Belief. A Bird’s Eye View”, Keynote Lecture at the *Synthese Conference*, Amsterdam (20/11/14).
81. “The Humean Thesis on Belief”, *Workshop in Honour of Louis Loeb*, University of Michigan, Ann-Arbor (14/11/14).
82. “Rational Belief. Stability, Reasoning, and Action”, *Descartes Lectures*, three lectures at *Tilburg University* (20/10/14–22/10/14).
83. “New Foundations for Hyperintensional Semantics?”, *J65 Workshop in Honour of Johan van Benthem*, Amsterdam (27/09/14).
84. “The Humean Thesis on Belief. Building a Bridge Between Two Epistemic Modalities”, *Workshop on the Epistemology of Modality*, Aarhus (24/09/14).
85. “The Stability of Belief”, *Bridges Workshop*, New York (02/09/14).
86. “The Humean Thesis on Belief”, Evening Lecture at ESSLI 2014, Tübingen (12/08/14).
87. “The Humean Thesis on Belief”, *Conference on the Nature and the Epistemology of Reasoning*, Konstanz (24/07/14).
88. “A Stability Theory of Belief and Degrees of Belief”, Summer School on Truth, Proof, Computation, Chiemsee (21/07/14).
89. “On Mathematical Structuralism”, *Symposium on the Foundations of Mathematics*, Vienna (07/07/14).
90. “Probabilistic Theories of Type-Free Truth and Probability”, *Workshop in Philosophical Logic*, Rome (21/06/14).
91. “The Humean Thesis on Belief”, *Triennial Meeting of the Italian Society for Logic and the Philosophy of Science (SILFS)*, Rome (19/06/14).



92. “The Humean Thesis on Belief”, *LSE Fourth Graduate Conference in Philosophy of Probability*, London (06/06/14).
93. “The Humean Thesis on Belief”, *Belief and Credence Workshop*, Leeds (02/06/14).
94. “The Stability Theory of Belief”, Bernstein Center for Computational Neuroscience, Munich (12/05/14).
95. “The Humean Thesis on Belief”, *Seminar on Logic, Probability and Games*, CUNY/Columbia (02/05/14).
96. “Conditionals and Stability”, *Workshop on Conditionals*, Hamburg (04/04/14).
97. “The Humean Thesis on Belief”, *Philosophy of Probability Workshop*, Venice (01/04/14).
98. “Probabilistic Theories of Type-Free Truth and Probability”, *Workshop in Honour of Philip Welch’s 60th Birthday*, Bristol (22/03/14).
99. “The Humean Thesis on Belief”, Department of Philosophy, University of Bern (03/12/13).
100. “Mathematical Explications in Philosophy”, *Workshop on Mathematical Philosophy*, Lausanne (03/12/13).
101. “Truth, Necessity, Probability”, *Logic and Truth Workshop*, Swiss Graduate Society of Logic and Philosophy of Science (SGSLPS), Geneva (02/12/13).
102. “Type-Free Truth and Probability”, *Workshop of the Machine Intelligence Research Institute*, Oxford (23/11/13).
103. “The Stability Theory of Belief”, *Logic across the University, Foundation and Applications*, Tsinghua University, Beijing (15/10/13).
104. “Logic of Belief vs Subjective Probability: A Normative Clash?”, Evening lecture at *LORI-4*, Hangzhou (10/10/13).
105. “Belief and Stable Probability”, *Prolog 2013: The Sixth Workshop on Combining Probability and Logic*, Munich (17/09/13).
106. “The Logic of Belief and the Stability of Reasoning”, Keynote lecture at *4th Biennial Conference of the EPSA*, Helsinki (29/08/13).

107. “The Humean Thesis on Belief”, *2nd Bristol-Munich Workshop*, Bristol (20/07/2013).
108. “The Humean Thesis on Belief Explicated”, *Second Theoria Lecture*, Stockholm (14/06/13).
109. “A Theory of Propositions and Truth”, *Symposium on Principia Mathematica*, Graz (17/06/13).
110. “The Humean Thesis on Belief (and Its Equivalents)”, *LOGOS Colloquium*, Barcelona (29/05/13).
111. “The Humean Thesis on Belief (and Its Equivalents)”, *Formal Epistemology Workshop*, Rutgers (09/05/13).
112. “The Humean Thesis on Belief (and Its Equivalents)”, *Graduate Conference in Theoretical Philosophy*, Groningen (18/04/13).
113. “Theoretical Terms and Induction”, *The Analysis of Theoretical Terms*, Munich (04/04/13).
114. “Rational Belief: Four Approaches, One Theory”, Department of Philosophy, University of Ghent (22/02/13).
115. “Rational Belief: Four Approaches, One Theory”, *LogiCIC Kick-off Workshop*, Amsterdam (15/12/12).
116. “Mathematical Philosophy. New Bridges Between Mathematics and Philosophy”, *Philosophy and the Sciences – Old Visions, New Directions*, Cambridge (01/12/12).
117. “Belief vs. Degrees of Belief. A Joint Theory”, Department of Philosophy, Leipzig (10/10/12).
118. “A Theory of Propositions and Truth”, *PhilMath Workshop*, Collège de France and Ecole Normale Supérieure, Paris (03/10/12).
119. “A New Lottery Paradox for Counterfactuals”, *Philosophical Issues in Belief Revision, Conditional Logic and Possible World Semantics*, Workshop at GAP.8, Konstanz (20/09/12).
120. “A New Lottery Paradox for Counterfactuals”, *Workshop on Counterfactuals*, Bristol (14/08/12).

121. “Set-Theory as a Foundation for Semantics”, *What Are Foundations and What Are They For?*, Cambridge (11/07/12).
122. “Belief vs. Degrees of Belief. A Joint Theory”, Annual Conference of the *British Society for the Philosophy of Science*, Stirling (06/07/12).
123. “Logic and Probability: A Normative Clash?”, Conference on *Dimensions of Normativity*, Frankfurt (21/06/12–23/06/12).
124. “Rationaler Glaube vs. Glaubensgrade”, Plenary lecture, *Graduate Symposium of the Austrian Society for Philosophy*, Salzburg (17/05/12).
125. “Rationaler Glaube vs. Glaubensgrade”, Department of Philosophy, Humboldt University Berlin (16/05/12).
126. “A Theory of Propositions and Truth”, Department of Philosophy, University of Buenos Aires (13/04/12).
127. “Reducing Belief Simpliciter to Degrees of Belief”, Department of Philosophy, University of Buenos Aires (12/04/12).
128. “Standards of Rationality and Bridges Between Them”, First Workshop of the Priority Program *New Frameworks of Rationality* (SPP 1516), Tutzing (21/03/12).
129. “A Theory of Propositions and Truth”, Workshop on *Axiomatic vs. Semantic Truth*, München (15/03/12).
130. “Belief as Qualitative Probability”, *Celebration Meeting on the Occasion of Patrick Suppes’ 90th Birthday*, Stanford (10/03/12).
131. “Theoretical Terms and the Relativized A Priori”, Conference on *Perspectives on Structuralism*, München (17/02/12).
132. “Reducing Belief Simpliciter to Degrees of Belief”, Emmy Noether Research Group on *Understanding and the A Priori*, University of Cologne (27/01/12).
133. “Warum mathematische Philosophie?”, Hamburg, *Ringvorlesung Elfenbein und Lehnstuhl*, (11/01/12).
134. “The Lockean Thesis Revisited”, Workshop within the *Philosophy and Semantics in Europe Conference*, Bochum (01/10/11).

135. “From the Lockean Thesis to Conditionals”, *Philosophy of Language and Mind Conference*, Stockholm (17/09/11).
136. “Theoretical Terms and the Relativized A Priori”, *Conventional Principles in Science*, Bristol (18/08/11).
137. “Groundedness in Set Theory and Semantics” (with L. Incurvati), three lectures, *Summer School on Set Theory and Higher-Order Logic*, London (04/08/11).
138. “Probabilities, Conditionals, Laws”, *14th Congress of Logic, Methodology and Philosophy of Science*, Nancy (22/07/11).
139. “The Logic of Belief: Qualitative vs. Quantitative”, *Logic Colloquium 2011. European Summer Meeting of the Association for Symbolic Logic*, Barcelona (12/07/11).
140. “A Theory of Propositions and Truth”, Department of Philosophy, Hebrew University of Jerusalem (20/06/11).
141. “The Lockean Thesis Revisited”, Department of Philosophy, Hebrew University of Jerusalem (19/06/11).
142. “The Lockean Thesis Revisited”, *Workshop on Bayesian Methods in Philosophy*, Munich (15/06/11).
143. “A Theory of Propositions and Truth”, *Philosophy of Mathematics Seminar*, Oxford (30/05/11).
144. “From the Lockean Thesis to Conditionals”, *Workshop on Conditionals, Counterfactuals and Causes in Uncertain Environments*, Düsseldorf (21/05/11).
145. “Advertising Mathematical Philosophy”, *CoTeSys Workshop*, Munich (29/04/11).
146. “The Lockean Thesis Revisited”, Department of Philosophy, University of Vienna (07/04/11).
147. “A Theory of Truth for Propositions”, Department of Philosophy, University of Vienna (07/04/11).
148. “A Theory of Propositions and Truth”, *Truth Conference*, Amsterdam (24/03/11).

149. “The Lockean Thesis Revisited”, Department of Philosophy, Carnegie Mellon University, Pittsburgh (17/03/11).
150. “A Theory of Propositions and Truth”, Department of Philosophy, Carnegie Mellon University, Pittsburgh (16/03/11).
151. “Algebraic and Probabilistic Structures in Epistemology”, *Arbeitstagung Allgemeine Algebra (AAA81)*, Salzburg (04/02/11).
152. “Logik, Schlussfolgern, Gehirn”, Lecture Series (Ringvorlesung) *Human Beings and the Brain*, Ludwig-Maximilians-University Munich (21/12/10).
153. “Reducing Belief Simpliciter to Degrees of Belief”, Department of Philosophy and Economics, University of Bayreuth (07/12/10).
154. “Reducing Belief Simpliciter to Degrees of Belief”, *Bioinformatisches Kolloquium*, Helmholtz Zentrum München (24/11/10).
155. Moderation of, and Commentary on, Geert Keil’s lecture on “Willensfreiheit und Determinismus: Begriffe, Probleme, Positionen”, Center of Advanced Studies, Munich (11/11/10).
156. Commentary on I. Hacking’s 1st Descartes Lecture, Tilburg (06/10/10).
157. “Reducing Belief Simpliciter to Degrees of Belief”, *Truth, Meaning and Normativity, Amsterdam Graduate Philosophy Conference*, Amsterdam (30/09/10).
158. Three lectures on Truth and Probability, *SIGMA Lectures*, Ecole Normale Supérieure, Paris (13/09/10–15/09/10).
159. “Warum Philosophie wissenschaftlich soll”, *Salzburger Tagung für Junge Analytische Philosophie*, Salzburg (11/09/10).
160. “Reducing Belief Simpliciter to Degrees of Belief”, *Formal Epistemology Workshop 2010*, Konstanz (04/09/10).
161. Three Days of Scientific Philosophy, *Philosophische Sommerakademie der Fachschaft Philosophie der LMU München*, Frauenwört, Chiemsee (29/08/10–01/09/10).
162. “Reducing Belief Simpliciter to Degrees of Belief”, Center for Formal Epistemology, Carnegie Mellon University (27/06/10).

163. “Reducing Belief Simpliciter to Degrees of Belief”, *Logica 2010*, Hejnice, Czech Republic (23/06/10).
164. “Non-Pragmatic Vindications of Probabilism and of Diachronic Norms” (with R. Pettigrew), four lectures, *Workshop on Formal Epistemology*, NIP, Aberdeen (14/06/10–18/06/10).
165. “Pragmatic Meaning and Logical Consequence”, *Foundations of Logical Consequence*, St Andrews (12/06/10).
166. “Reducing Belief Simpliciter to Degrees of Belief”, Department of Philosophy, Glasgow (18/05/10).
167. “How to Reconcile General Philosophy of Science with Bayesianism: Reducing Belief Simpliciter to Degrees of Belief”, *The Future of Philosophy of Science*, Tilburg (14/04/10).
168. “Mathematical Philosophy in the Past and the Future: Conditionals as a Shining Example”, *Scientific Philosophy: Past and Future*, Tilburg (13/04/10).
169. “An Objective Justification of Bayesianism”, *British Society for the Philosophy of Science*, London (30/11/09).
170. “A Probabilistic Semantics for Counterfactuals”, Department of Philosophy, University of Sheffield (20/11/09).
171. “A Probabilistic Semantics for Counterfactuals”, *Choice Group Seminar*, London School of Economics, London (07/10/09).
172. “An Objective Justification of Bayesianism”, Department of Philosophy, University of Groningen (30/09/09).
173. “A Probabilistic Semantics for Counterfactuals. From Probability to Truth”, *Truth and Probability Workshop*, Bristol (22/09/09).
174. “An Impossibility Theorem on Belief Revision Derived from Arrow’s Theorem”, *Workshop on Metacognition, Belief Change and Conditionals*, Bristol (11/09/09).
175. “Semantic Resemblance and Compositionality”, *Workshop on Compositionality and Systematicity*, Düsseldorf (25/07/09).

176. “Metacognition and Indicative Conditionals”, Research Group on *Functional Concepts and Frames*, University of Düsseldorf (15/07/09) .
177. “Metacognition and Indicative Conditionals”, *Metacognition Workshop*, Salzburg (10/07/09).
178. “A Probabilistic Semantics for Counterfactuals”, *Metaphysics and Modality*, Regensburg (14/06/09).
179. “Modalities as Operators and a Predicates”, *Metaphysics and Modality*, Regensburg (13/06/09).
180. “A Neural Network Semantics for Conditionals”, Department of Philosophy, University of Düsseldorf (02/06/09).
181. “A Probabilistic Semantics for Counterfactuals”, *Conference on Philosophical Logic*, Princeton University (24/05/09).
182. “On Formal and Informal Provability”, Department of Philosophy, University of Düsseldorf (12/05/09).
183. “A Probabilistic Semantics for Counterfactuals”, *Workshop on Conditionals*, University of Düsseldorf (11/05/09).
184. “A Probabilistic Semantics for Counterfactuals”, Department of Philosophy, University of Frankfurt (05/05/09).
185. “On Formal and Informal Provability”, *TransCoop* Project in Philosophy of Mathematics, LMU Munich (30/04/09).
186. “Mathematische Philosophie”, *Festvortrag*, University of Düsseldorf (29/04/09).
187. “An Objective Justification of Bayesianism”’, *Formal Philosophy Seminar*, University of Leuven (24/04/09).
188. “A Probabilistic Semantics for Counterfactuals”, Department of Philosophy, University of Utrecht (24/03/09).
189. “Empirical Content and the *Aufbau* Programme”, Research Group in Philosophy of Mind, Department of Philosophy, University of Bochum (04/03/09).
190. “The Prospects of Formal Philosophy”, *Nature and Scope of Information Seminar*, Oxford (27/01/09).

191. “On Formal and Informal Provability”, *Second Cambridge Graduate Conference in the Philosophy of Logic and Mathematics*, Cambridge (18/01/09).
192. “Empirical Content and the *Aufbau* Programme”, *Institute Vienna Circle*, University of Vienna (08/01/09).
193. “Formal Methods in the Philosophy of Natural and Formal Sciences”, Inaugural Conference of the ESF Network Programme *The Philosophy of Science in a European Perspective*, Vienna (18/12/08).
194. “An Objective Justification of Bayesianism”, *Popper Seminar*, London School of Economics (02/12/08).
195. “A Probabilistic Semantics for Counterfactuals”, Department of Mathematics, University of Manchester (27/11/08).
196. “On Mathematical Methods in Philosophy. Case Studies from the Philosophy of Mind”, Department of Philosophy, University of Bochum (06/11/08).
197. “On Formal and Informal Provability”, Department of Logic and Philosophy of Science, UC Irvine (24/10/08).
198. “A Probabilistic Semantics for Counterfactuals”, Department of Logic and Philosophy of Science, UC Irvine (23/10/08).
199. “On Truth and Probability”, *Mathematical Methods in Philosophy*, Bristol (21/09/08).
200. “On Truth and Probability”, *Evert Willem Beth Centenary Conference*, Royal Dutch Academy of Science, Amsterdam (16/09/08).
201. “On Truth and Probability”, *British Logic Colloquium*, Nottingham (05/09/08).
202. “Logic between Truth and Probability”, *Workshop in Logic, Philosophy and History of Science*, Belgian Society for Logic and Philosophy of Science, Brussels (02/09/08).
203. “Formal Methods in Semantics and Metaphysics”, *Workshop on Formal Philosophy*, 6th European Congress of Analytic Philosophy, Krakow (24/08/08).
204. “A Probabilistic Semantics for Counterfactuals”, *First Formal Epistemology Festival*, Konstanz (30/07/08).



205. “Empirical Content and Its Presuppositions”, Philosophy Program, Research School of Social Sciences, Australian National University, Canberra (22/07/08).
206. “Expected Accuracy and the Justification of Bayesianism”, *Probability Conference*, Australian National University, Canberra (21/07/08).
207. Co-organization and two presentations, *Carnap Workshop*, Bern (08/07/08).
208. “On Truth and Probability”, *Logic Colloquium 2008*, Bern (06/07/08).
209. “Mengers Logik für die Ethik” (Menger’s Logic for Ethics; with A. Siegetleitner), *Logischer Empirismus, Werte und Moral*, Salzburg (04/07/08).
210. “Empirical Content and Its Presuppositions”, Department of Philosophy, University of Salzburg (26/06/08).
211. “Formal and Informal Provability”, *New Waves in Philosophy of Mathematics*, Miami (25/04/08).
212. “Empirical Content and Its Presuppositions”, *Theoretical Frameworks and Empirical Underdetermination*, Düsseldorf (11/04/08).
213. “A Justification of Objectivist Bayesianism”, *Workshop in Philosophical Logic*, Oxford (21/03/08).
214. “Logik in der Wissenschaftstheorie”, *Was ist Wissenschaft? Darstellung und Bestandaufnahme der deutschen Wissenschaftsphilosophie*, Bonn (18/03/08).
215. “A Probabilistic Semantics for Counterfactuals”, *Oxford University Philosophical Society*, Oxford (01/02/08).
216. “Indicative Conditionals and Metacognition”, *Seminaire APIC*, Institut Jean Nicod, Paris (11/01/08).
217. “A Probabilistic Semantics for Counterfactuals”, *What If? So What? Interdisciplinary approaches to counterfactual reasoning*, Rotterdam (19/12/07).
218. “Neural Network Models of Conditionals”, two papers, *ILCLI International Workshop on Philosophy and Logic of Knowledge, Communication and Action*, Donostia/San Sebastian (28/11/07–29/11/07).

219. “On Mathematical Philosophy: Why Serious Philosophy Must Use Mathematics”, *Edinburgh University Philosophy Society* (01/11/07).
220. “Mathematical Philosophy”, *Workshop in Honour of Hans Czermak*, Department of Mathematics, Salzburg (12/10/07).
221. “A Probabilistic Semantics for Counterfactuals”, *Logic and Intuition: David Lewis and the Future of Formal Philosophy*, Synthese Annual Conference, Copenhagen (04/10/07).
222. “Arithmetical Truth, Logical Truth, and Informal Provability”, *Workshop on Arithmetical Truth*, Cambridge (21/04/07).
223. “Formal and Informal Provability”, *Association for Symbolic Logic Annual Meeting*, Gainesville, Florida (10/03/07–13/03/07).
224. “The Logic of Conditional Beliefs”, Department of Philosophy, Carnegie Mellon University (08/03/07).
225. “Formal and Informal Provability”, Department of Philosophy, Carnegie Mellon University (07/03/07).
226. “Applications of Logic and Mathematics in Philosophy: Four Case Studies”, *Mathematical Methods in Philosophy*, Banff International Research Station, Canada (18/02/07–23/02/07).
227. “Networks and Conditional Reasoning”, *The Oxford Advanced Seminar on Informatic Structures*, Oxford (09/02/07).
228. “Grounded Abstraction”, *Status Belli: Neo-Fregeans and Their Critics*, 11th Archè Abstraction Workshop, St. Andrews (09/12/06).
229. Joint presentation of the CNCC Metacognition Project, *Scientific Launch Conference of the EUROCORES programme “Consciousness in a Natural and Cultural Context”* (CNCC), Copenhagen (13/11/06).
230. “Formal and Informal Provability”, *New College Logic Meeting 2006*, New College, Oxford (25/09/06).
231. “Applications of Logic and Mathematics in Philosophy: Four Case Studies”, *Studia Logica International Conference. Trends in Logic IV: Towards Mathematical Philosophy*, Torun (02/09/06).

232. “Formal and Informal Provability”, *History and Philosophy of Mathematics Day*, Bristol (23/05/06).
233. “Formal and Informal Provability”, *Gödel Centenary Conference*, Young Scholars’ Competition (one of ten selected papers from over sixty submitted ones), Vienna (27/04/06).
234. “Type-Free Necessity, Truth, and Informal Provability”, *Truth and Proof: Kurt Gödel and the Foundations of Mathematics*, Edinburgh (26/03/06).
235. “Carnap’s *Aufbau* and the Logical Structure of Empirical Content”, *Popper Seminar*, London School of Economics (21/02/06).
236. “Towards a Type-Free Logic of Modality and Truth”, Department of Philosophy, University of Edinburgh (03/02/06).
237. “Comments on Hartry Field’s ‘A Revenge-Immune Solution to the Semantic Paradoxes’ ”, *APA Eastern Division Meeting*, New York (30/12/05).
238. “The Logical Structure of Cognition: Lessons from Carnap’s Logical Structure of the World”, *2005 Vienna Circle Beth Evening Lecture*, Institute for Logic, Language & Computation, Amsterdam (20/12/05).
239. “New Life for Carnap’s *Aufbau*?”, Institut d’histoire et de philosophie des sciences et des techniques, Paris (29/11/05).
240. “Towards a Type-Free Logic of Modality and Truth”, Institut d’histoire et de philosophie des sciences et des techniques, Paris (28/11/05).
241. “Implicit and Explicit Representations of Conditionals in Cognitive Systems”, *Seminaire APIC*, Institut Jean Nicod, Paris (25/11/05).
242. “Dynamic Doxastic Logic and its Prospects” (with K. Segerberg), *Understanding the Dynamics of Knowledge*, *ESF Exploratory Workshop*, Siena (18/11/05).
243. “Applied Mathematics in Philosophy”, *Colloquium*, Department of Mathematics, University of Bristol (10/11/05).
244. “A Type-Free Theory of Modality and Truth”, *British Logic Colloquium*, Bristol (03/09/05).
245. “A Type-Free Theory of Modality and Truth”, *European Summer Meeting of the Association for Symbolic Logic*, Athens (01/08/05).

246. “A Type-Free Theory of Truth, Modality, and Satisfaction”, *Meeting of the Research Group on Logical Methods in Epistemology, Semantics, and Philosophy of Mathematics*, Oxford (04/06/05).
247. “Nonmonotonic Conditional Logic”, *Research Seminar on Logics for Update, Revision and Interaction*, Stanford (01/06/05).
248. “New Life for Carnap’s *Aufbau*?”, *Formal Epistemology Workshop 2005*, Austin (26/05/05).
249. “A Type-Free Theory of Truth and Modality”, *Berkeley Logic Colloquium*, Berkeley (29/04/05).
250. “Argument und Beweis”, *Salzburger Rhetoriktagung – Rationale Argumentation*, Salzburg (01/04/05).
251. “Semantic Dependency and Three Applications thereof”, Department of Philosophy, University of Minnesota (25/02/05).
252. “Can Carnap’s ‘Logischer Aufbau’ Be Revived?”, Department of Philosophy, Stanford (31/01/05).
253. “Rise from the Dead? Carnap’s ‘Logischer Aufbau’ Resurrected”, *Workshop Logical Methods in Epistemology, Semantics, and Philosophy of Mathematics*, Bristol (08/01/05).
254. “Under What Conditions Does Carnap’s Quasi-analysis Succeed?”, *Working Group in History and Philosophy of Logic, Mathematics and Science*, Berkeley (08/12/04).
255. “Quasi-Criteria of Identity”, *Conference Criteria of Identity*, Leuven (03/12/04).
256. “What Truth Depends on”, *Logical Methods in the Humanities Workshop*, Stanford (27/10/04).
257. Three lectures on “Carnap’s ‘Logischer Aufbau’ Revisited”, Department of Philosophy, Leuven (11/05/04–13/05/04).
258. “How Similarities Compose”, *Conference Compositionality, Concepts and Cognition*, Düsseldorf (03/03/04).
259. “Wann (und woran) scheitert Carnaps Methode der Quasianalyse?”, Department of Philosophy, LMU Munich (19/11/03).

260. “What Truth Depends on”, *Christmas Colloquium on the Philosophy of Logic*, Department of Philosophy, Göttingen (20/12/02).
261. “Finitistic and Frequentistic Approximations of Probability Measures with and without sigma-Additivity” (with G. Schurz), *Workshop Psychological and Algorithmic Methods in Probabilistic Networks*, Salzburg (07/12/02).
262. “Interpreted Dynamical Systems and Qualitative Laws”, *1st Salzburg Workshop on Paradigms of Cognition*, Salzburg (19/07/02).
263. “‘Necessary’ and ‘Possible’: Can We Have It All in First-Order Languages?”, *Workshop Möglichkeit und Wirklichkeit. Logik und Metaphysik*, Regensburg (01/06/02).
264. “The Network Semantics of Nonmonotonic Reasoning”, Departments of Philosophy, Psychology, and Linguistics, Leuven (18/02/02).
265. “Nichtmonotones Schließen und Netzwerke”, Department of Computer Science, Salzburg (16/03/01).
266. “Possible Worlds Semantics for Syntactical Predicates” (with V. Halbach), *Intensionality Symposium*, Munich (27/10/00).
267. “Nonmonotonic Reasoning by Inhibition Nets”, Department of Philosophy, Konstanz (19/07/00).
268. “Possible Worlds Semantics for Modal Predicates” (with V. Halbach), Department of Philosophy, Logic, and Philosophy of Science, LMU Munich (27/06/00).
269. “Nonmonotonic Reasoning and Networks: Logic at the Intersection of Two Paradigms of Cognitive Science”, *2nd Research Session of the SFB F012*, Salzburg (24/03/00).
270. “Metaworlds: A Possible Worlds Semantics of Truth”, *Conference Theories of Truth, Necessity and Provability*, Leuven (20/11/99).
271. “The Indeterminacy of Truth”, Department of Philosophy, Konstanz (25/10/99).
272. “Truth Predicates for Semantically Closed Languages”, Department of Mathematics and Computer Science, Greifswald (13/10/98).

273. “Truth as Translation”, Department of Philosophy, Logic, and Philosophy of Science, LMU Munich (18/06/98).

## Teaching

LMU Munich, Faculty of Philosophy:

*Master seminar on Central Topics in Logic* (2nd semester 20-21)

*Oberseminar in Mathematical Philosophy* (2nd semester 20-21)

*Logic I* (1st semester 20-21)

*Master seminar on Central Topics in Logic* (2nd semester 19-20)

*Oberseminar in Mathematical Philosophy* (2nd semester 19-20)

*Logic I* (1st semester 19-20)

*Master seminar on Central Topics in Logic* (2nd semester 18-19)

*Oberseminar in Mathematical Philosophy* (2nd semester 18-19)

*Logic I* (1st semester 18-19)

*Master seminar on Central Topics in Logic* (2nd semester 17-18)

*Oberseminar in Mathematical Philosophy* (2nd semester 17-18)

*Logic I* (1st semester 17-18)

*Master seminar on Central Topics in Logic* (2nd semester 16-17)

*Oberseminar in Mathematical Philosophy* (2nd semester 16-17)

(Research leave: 1st semester 16-17.)

*Master seminar on Central Topics in Logic* (2nd semester 15-16)

*Oberseminar in Mathematical Philosophy* (2nd semester 15-16)

*Logic I* (1st semester 15-16)

*Coursera online course: Introduction to Mathematical Philosophy,*  
with S. Hartmann (2nd semester 14-15)

*Master seminar on Central Topics in Logic* (2nd semester 14-15)

*Oberseminar in Mathematical Philosophy* (2nd semester 14-15)

*Logic I* (1st semester 14-15)

*Coursera online course: Introduction to Mathematical Philosophy,*  
with S. Hartmann (2nd semester 13-14)

*Master seminar on Central Topics in Logic* (2nd semester 13-14)

*Oberseminar in Mathematical Philosophy* (2nd semester 13-14)

(Research leave: 1st semester 13-14.)

*Coursera online course: Introduction to Mathematical Philosophy,*  
with S. Hartmann (2nd semester 12-13)

*Master seminar on Central Topics in Logic* (2nd semester 12-13)  
*Oberseminar in Mathematical Philosophy* (2nd semester 12-13)  
*Logic I* (1st semester 12-13)  
*Hauptseminar on Belief, Acceptance, and Degrees of Belief* (2nd semester 11-12)  
*Oberseminar in Mathematical Philosophy* (2nd semester 11-12)  
*Logic I* (1st semester 11-12)  
*Hauptseminar on Conditionals* (2nd semester 10-11)  
*Oberseminar in Mathematical Philosophy* (2nd semester 10-11)  
*Logic I* (1st semester 10-11)

*Supervision* of Master Theses:

Allyson Richards, *Explicating Concepts of Cognition in Perceptual Problem-Solving*, 2020-21.  
 Ainsley Pullen, *Whereof Computers Cannot Speak, Thereof Agents Should Remain Silent*, 2019-20.  
 Yixuan Wu, *Fundamentality, Grounding and Physicalism*, 2019-20.  
 Max Doré, *Constructivity in Homotopy Type Theory*, 2018-19.  
 Ben Genta, *A Critical Survey on the Use and Study of Analogies in Philosophy and Cognitive Science*, 2018-19.  
 Conrad Friedrich, *From Belief Revision Theory to Artificial Neural Networks*, 2018-19.  
 Tyko Schuff, *What is Preserved in Non-Classical Logic?*, 2018-19.  
 Ramón Gutiérrez del Arroyo, *Probability Semantics for Intuitionistic Logic*, 2017-18.  
 Felix Rohls, *Transcendental Arguments*, 2017-18.  
 Dilectiss Liu, *Steps Towards Reconstructive Pragmatism*, 2016-17.  
 Douglas Blue, *Reducing Incompleteness in ZFC: Inner vs Outer Models*, 2015-16.  
 Jakob Jungmaier, *A Fusion of Truth-Conditional Theories of Indicative Conditionals*, 2015-16.  
 Lisa Zacharski, *Indispensability Arguments*, 2014-15.  
 Michael Cohen, *Fitch's Paradox and Stages of Knowledge*, 2014-15.  
 Melanie Ludwig, *The Semantics of the First Person*, 2014-15.  
 Sebastian Hengst, *Hybrid Theories in Metaethics*, 2014-15.  
 Lukas Hoffmann, *Learning Logic. How Can Radical Interpretation Be Extended to Logic?*, 2013-14.

Berta Grimau, *Semantics for Absolutely General Formulas*, 2013-14.  
Cornelia Kroiss, *A Generalization of McCulloch and Pitts-Type Neural Networks*, 2013-14.  
Jan Borner, *Der kognitive Wert von Metaphern in den Wissenschaftssprachen*, 2013-14.  
Wilken Steiner, *Epsilon Terms from a Semantic Point of View*, 2013-14.  
Marcel Kiel, *Belief Aggregation in Multi-Agent Dynamic Epistemic Logic*, 2012-13.  
Paul Schilling, *Davidson on Events*, 2012-13.  
Julian Kleinknecht, *Kripkes Widerlegung der Bündeltheorie*, 2010-11.

University of Bristol, Department of Philosophy:

(Research leave: 2007–2010.)

*Gödel's Incompleteness Theorems* (2nd semester 06-07, MA)  
*Conditionals* (1st semester 06-07, third year)  
*Structuralism in the Phil. of Mathematics* (2nd semester 05-06, MA)  
*Formal Theories of Semantic Concepts* (1st semester 05-06, third year)

University of Bristol, Department of Mathematics:

*Mathematical Logic* (1st semester 06-07, third year)  
*Mathematical Logic* (1st semester 05-06, third year)

Internal PhD Examiner of Ian Sharpe (10/09/07), Richard Pettigrew (27/03/08), and Barnaby Dawson (16/11/09) at Bristol.

University of Salzburg, Department of Philosophy:

Seminar *Philosophical Logic* (2nd semester 07-08)  
*Introduction to the Philosophy of Science* (2nd semester 03-04)  
*Philosophy of Science for Ph.D. Students* (1st semester 03-04)  
*History of Philosophy: Modern Times* (1st semester 03-04)  
*Philosophy of Language* (2nd semester 02-03)  
Seminar *Philosophy of Language* (2nd semester 02-03)  
Seminar *Epistemology*, with E. Morscher (1st semester 02-03)  
*Special Problems of Logic: Set Theory* (2nd semester 01-02)  
Seminar *Predicate Logic* (2nd semester 01-02)  
Seminar *Logic for Philosophy Teachers* (2nd semester 01-02)  
Seminar *Propositional Logic* (1st semester 01-02)  
Seminar *Predicate Logic* (2nd semester 00-01)



Seminar *Logic for Philosophy Teachers* (2nd semester 00-01)  
Seminar *Propositional Logic* (1st semester 00-01)  
Seminar *Epistemology* (2nd semester 99-00)

University of Salzburg, Department of Mathematics:

*Logic and Foundations of Mathematics* (2nd semester 07-08)  
*Logic and Foundations of Mathematics* (2nd semester 03-04)  
*Logic and Foundations of Mathematics* (2nd semester 01-02)  
Seminar *Logic and Foundations of Mathematics* (2nd semester 01-02)  
Seminar *Discrete Mathematics* (1st semester 01-02)  
Seminar *Graph Theory* (2nd semester 00-01)  
Seminar *Discrete Mathematics* (1st semester 00-01)  
Seminar *Set Theory* (2nd semester 99-00)

University of Göttingen, Department of Philosophy

*Logik-Kompaktseminar* (11/10/17–14/10/2017).

University of Vienna, Department of Philosophy:

External referee for: N. Osorio-Kupferblum, PhD thesis on  
*Aboutness in Logic and Language* (October 2017)

University of Amsterdam, ILLC:

External second supervisor of: L. Hornischer, Master thesis on  
*Hyperintensionality* (23/06/17).

External PhD Examiner of: I. Ciardelli, PhD thesis on  
*Questions in Logic* (11/03/16)

University of Ghent, Department of Philosophy:

Member of reading committee and External PhD Examiner for: Pawel  
Pawlowski, PhD thesis on *Informal Provability in Mathematics as a Par-*  
*tial Notion* (2015–2018)

University of Lausanne, Department of Philosophy:

External PhD Examiner of: T. Rz, PhD thesis on  
*On the Applicability of Mathematics Philosophical and Historical*  
*Perspectives* (02/12/13)

Carnegie Mellon University, Department of Philosophy:

Member of reading committee for: H. Lin, PhD thesis on  
*Propositional Reasoning that Tracks Probabilistic Reasoning* (2013)

University of Utrecht, Department of Philosophy:

Member of reading committee for: S. Lutz, PhD thesis on  
*Criteria on Empirical Significance* (2012)

Hebrew University, Department of Philosophy:

Member of reading committee for: A. Keren, PhD thesis on  
*The Cognitive Foundations of Mathematics* (since 2012)

University of Barcelona, Department of Logic, History and Philosophy of  
Science:

External PhD Examiner of: A. Pietz, PhD thesis on  
*Logics and Falsifications* (11/07/11)

University of Cambridge, Department of Philosophy:

External PhD Examiner of: B. Marschall, PhD thesis on  
*Carnap and the Ontology of Mathematics* (19/04/21)

External PhD Examiner of: L. Incurvati, PhD thesis on  
*Set Theory: Its Justification, Logic and Extent* (12/02/10)

London School of Economics, Dptm of Philosophy, Logic and Scientific Method:

External advisor to: A. Viridi, PhD thesis on  
*What is Truth?* (November 2008–July 2009)

University of Manchester, Department of Mathematics:

External PhD Examiner of: J. Landes, PhD thesis on  
*The Principle of Spectrum Exchangeability within Inductive Logic*  
(01/04/09)

Stanford University, Department of Philosophy:

Member of dissertation committee for: A. Angelides, PhD thesis on  
*Hilberts Program and the Epistemology of Informal Proof*  
(2009–2012)

External referee for: K. Fujimoto, MA thesis on

*Tarskian Predicament Strikes Back* (March 2007)

Catholic University of Leuven, Department of Philosophy:

External PhD Examiner for: K. Demiddele, PhD thesis on  
*Conditionals: Probability, Semantics, Pragmatics* (22/02/08)

Two lectures on “*Introduction to Nonmonotonic Reasoning*”  
(2nd semester 99-00)

### **Doctoral students (Supervised or Co-Supervised)**

Since October 2019: Conrad Friedrichs (*Logic and Neural Networks*).

Since January 2019: Jan Borner (*The Logic of Abduction*).

Since October 2018: Felix Rohls (*Rethinking the Relation between  
Apriority, Analyticity and Necessity*,

Since October 2017: Ayse Sena Bozdog (*Non-Classical Belief Revision*,  
LMU), Ana Cholodovskis (*Belief Revision with Indexical Information*,  
LMU), Matteo De Benedetto (*Explication and Informal Rigour*, LMU).  
Minkyung Wang (*The Aggregation of Beliefs*).

Since October 2016: Ali Abasnejad (*Vagueness and the Sorites*, LMU),  
Jonathan Dittrich (*Substructural Solutions to the Liar Paradox*, LMU),  
Sachith Joseph Cheruvatur (*Concept Empiricism*, LMU),  
Sebastian Hengst (*Expressivism*, LMU), Timo Beringer (*The Graph-  
Theoretic Analysis of Semantic Paradoxes*).

Since October 2015: Mario Guenther (*Conditionals, Nonmonotonic Rea-  
soning, and Machine Learning*, LMU, Defended in January 2019).

Since October 2012: Catrin Campbell-Moore (*Higher-Order Probability*,  
LMU, Defended in January 2016).

Since January 2012: Thomas Schindler (*Grounded Truth*, LMU, Defended  
in January 2015).

Since September 2011: Johannes Korbmacher (*Criteria of Identity and  
Essential Properties*, Defended in February 2016, LMU), Hans-Christoph  
Kotzsch (*Structuralism in Logic*, Defended in July 2016, LMU), Thomas  
Meier (*Structuralist Reconstruction of Linguistic Theories*, LMU, De-  
fended in January 2015), Marta Sznajder (*Conceptual Frameworks and*

*Induction*, LMU), Anna-Maria Eder (*Epistemic Goals and Rational Belief*, Konstanz, Defended in February 2016), David Kaufmann (*Philosophical Premises of the Neuroscientific Approach to Moral Judgment*, LMU), Lara Pourabdollahi (*Trolley Dilemmas from the Neuroscientific Point of View*, LMU), Philip Pfaller (*Conditionals and Dynamic Semantics*, LMU, Defended in February 2016), Joachim Lipski (*Intentionality and Neuroscience*, LMU, Defended in May 2016).

October 2009–March 2013: Marianna Antonutti (*Informal Provability*, Bristol). Defended in March 2013.

October 2008–July 2012: External co-supervisor of Peter Brössel (*Bayesian Coherentism*, Konstanz). Defended in July 2012.

October 2008–September 2011: External co-supervisor of Christine Schurz (*Non-Compositional Theories of Truth*, Salzburg). Defended in September 2011.

October 2007–January 2012: Irina Starikova (*Mathematical Intuition*, Bristol). Defended in January 2012.

October 2007–March 2012: Giulia Terzian (*Norms on Formal Theories of Truth*, Bristol). Defended in March 2012.

January 2007–March 2011: Simone Duca (*Logical Constraints on Metacognition*, Bristol). Defended in March 2011.

Co-supervisor of three PhD students in Salzburg (2001–2004).

## **University Service**

Member of Scientific Board of Munich Graduate School of Systemic Neurosciences (GSN) (since October 2011).

Member of Steering Committee of Munich Center for Neurosciences (MCN) (May 2011–October 2013).

Member of Center for Advanced Studies, Ludwig-Maximilians-University Munich (since April 2011).

Forschungs- und Prodekan (Dean of Research), and Founder and Director of the Munich Center for Mathematical Philosophy at the Faculty of

Philosophy, Philosophy of Science and Science of Religion, LMU Munich (since October 2010).

Chair of postgraduate admission, introduction and organisation of the new *Logic and Philosophy of Mathematics* seminar series, member of the Research and Postgraduate Studies committees, undergraduate admission for Phil&Math and Phil&Psych, Departments of Philosophy and Mathematics, University of Bristol (September 2005–September 2007).

Elected member of the “Fachbereichsrat” (Department Council) of the Department of Philosophy, Faculty of Humanities and Social Sciences, University of Salzburg (March 2004–August 2005).

“Generalsekretär” (Secretary General) der *Philosophischen Gesellschaft in Salzburg* (2003–2004).

### **Professional Affiliations**

*Academia Europaea* (by election)

*Aristotelian Society*

*Association for Symbolic Logic*

*Austrian Mathematical Society*

*Austrian Society for Philosophy*

*British Logic Colloquium*

*British Philosophical Association*

*Center for Advanced Studies*, LMU Munich

*Deutsche Vereinigung für Math. Logik und Grundlagen der exakten Wiss.*

*European Philosophy of Science Association*

*Gesellschaft für Analytische Philosophie (GAP)*

*Internationale Bernard Bolzano Gesellschaft*

*Académie Internationale de Philosophie des Sciences* (by election)

*Leopoldina* (by election)

## **External Assessor for Professorial Appointments or Promotions**

University of Stirling, 2021.  
University College London, 2021.  
University of Connecticut, 2019.  
Columbia University, 2019.  
University of Edinburgh, 2019 (twice).  
University of Cambridge, 2019.  
London School of Economics, 2018.  
University of Berkeley, 2017.  
University of Toronto, 2016.  
University of Utah, 2016.  
University of Amsterdam, 2016.  
University of Groningen, 2016.  
Northwestern University, 2016.  
University of Hamburg, 2015.  
University of Utrecht, 2015.  
University of Southern California, 2014.  
University of Vienna, 2014.  
University of Helsinki, 2014.  
University of Salzburg, 2014.  
University of Wisconsin, Madison, 2013.  
University of Bayreuth, 2013.  
University of Michigan, 2012.  
Rutgers University, 2012.  
University of Stirling, 2012.  
Indiana University Bloomington, 2012.  
University of Groningen, 2011.  
University of Toronto, 2011.  
University of Missouri – St. Louis, 2011.  
University of Leeds, 2011.  
Carnegie Mellon University, 2010.  
Rutgers University, 2010.  
University of California, Irvine, 2009.

## Member of Panels and Advisory Boards

Member of the panel for the *Hessische Exzellenzförderung*, 2020.

Member of the evaluation panel for the *ERC Starting Grant 2016*, SH4 panel on “The Human Mind and Its Complexity: Cognitive science, psychology, linguistics, philosophy of mind” (since May 2015).

Member of the *Executive Committee of the Association for Symbolic Logic* (2015–2018).

Member of the DFG *Steering Committee for Philosophical Symposia* (since May 2015).

Member of the Advisory Board of the *Joint Research Center in Logic* of Tsinghua University and the University of Amsterdam (2014–2017).

Member of a DFG Review Panel for a Kolleg Research Group (Berlin, May 2012).

Member of *Philosophical Gourmet Report Committee* (since October 2011).  
*Association for Symbolic Logic*, Committee for Prizes and Awards (since July 2009).

*European Science Foundation Eurocores Review Panel* (since May 2008).

Member of the Advisory Council for M. Detlefsen’s *Ideals of Proof ANR Chaire d’Excellence Project* (2007–2011).

Member of the Selection and Review Panel for the *ESF Eurocores Scheme LogICCC* (2007–2011).

*European Science Foundation Pool of Reviewers* (since 2006).

*Advisory Committee for Humanities, Austrian Science Fund (FWF)* (2006)

## Member of Program Committees

*WeSSLLI 2020 Virtual Student Session*, Web Summer School for Logic, Language, and Information, 2020.

*Formal Epistemology Workshop (FEW 2020)*  
University of California at Irvine, 2020.

*3rd International Conference on Logic and Argumentation (CLAR 2020)*

University of Hangzhou, 2020.

*GAP.10*, Conference of the German Society for Analytic Philosophy,  
Cologne, 2018, Chair of Section on Logic

*Logic Colloquium*, Leeds, 2016.

*PhDs in Logic VIII*, Darmstadt, 2016.

*Trends in Logic XVI: Consistency, Contradiction, Paraconsistency and Reasoning - 40 years of CLE*, Campinas, 2016.

*Language and Metalanguage, Logic and Meta-logic. Revisiting Tarski's Hierarchy*, Louvain-la-Neuve, 2016.

Chair of Program Committee of the *15th Congress of Logic, Methodology and Philosophy of Science*, Helsinki, 2015.

*5th International Conference on Logic, Rationality and Interaction (LORI-V)*, Taipei, Taiwan.

*Colloquium Logicum*, Neubiberg, 2014.

*ESSLLI Workshop on Strategies for Learning, Belief Revision and Preference Change*, Opole (Poland), 2012.

*11th Trends in Logic Conference*, Bochum, 2012.

*GAP 8*, Conference of the German Society for Analytic Philosophy,  
Konstanz 2012, Section on Logic and Philosophy of Science

*Classical Model of Science II*, Amsterdam 2011.

Programme advisor for the *14th International Congress of Logic, Methodology and Philosophy of Science*, Section *Philosophical Logic*,  
Nancy, 2011.

*Descartes Lectures*, Tilburg 2010.

*Trends in Logic VII: Seventh Studia Logica Conference*,  
Frankfurt a. M. 2009.

*NeSy'09: Fifth International Workshop on Neural-Symbolic Learning and Reasoning*, Pasadena 2009.

*Second Conference of the European Philosophy of Science Association*,



Amsterdam 2009.

*CiE 2009: Mathematical Theory and Computational Practice*, Heidelberg 2009.

*CiE 2008: Logic and Theory of Algorithms*, Athens 2008.

*LOFT 08*, Amsterdam 2008.

*The Classical Model of Science: The Axiomatic Method, the Order of Concepts and the Hierarchy of Sciences*, Amsterdam 2007.

*First Conference of the European Philosophy of Science Association*, Madrid 2007.

*ILCLI International Workshop on Philosophy and Logic of Knowledge, Communication and Action*, Donostia/San Sebastian 2007.

*LOFT 06*, Liverpool 2006.

### **Funded Projects and Grants**

Host of more than 50 post-doctoral research projects in Munich funded by the DFG, DAAD, Alexander von Humboldt Foundation, Fritz Thyssen Foundation, LMU Academic Career Program, LMU Universitätsgesellschaft, Austrian Research Fund FWF, Polish Research Fund KAAD (2010–).

Co-PI of the ANR-DFG Project *Formalism, Formalization, Intuition and Understanding in Mathematics: From Informal Practice to Formal Systems and Back Again* with Gerhard Heinzmann from the University of Nancy (2018–2021).

Co-PI of the EU Horizon MSCA Innovative Training Network *Diaphora: Philosophical Problems, Resilience and Persistent Disagreement*, with partners in Barcelona, Edinburgh, Neuchatel, Paris, Stirling, Stockholm (from 2015, EUR 498,432 for four years).

Member of the Spanish Project *Fallibility, Knowledge and Rational Belief* (2015–2018, project leader: Sven Rosenkranz, Barcelona).

Co-PI of the Volkswagen Foundation event *Proof, Truth, Computation*,

Summer School on the Interactions between Modern Foundations of Mathematics and Contemporary Philosophy, with Helmut Schwichtenberg, Peter Schuster, Iosif Petrakis (2014, EUR 45,600).

Co-PI of the ANR-DFG Project *Mathematics: Objectivity by Representation* with Gerhard Heinzmann from the University of Nancy (2014–2018, EUR 262,000 for the LMU project).

PI of the LMU Investitionsfonds Project *Von einem logisch-mathematischen Standpunkt: Richard Swineshead und die Tradition der Calculatores* (from 2013, EUR 150,000 for a year and a half).

Co-PI of the MINCYT-DAAD (German Academic Exchange Service) Project *Truth, Paradoxes and Modalities* with Eduardo Barrio from the University of Buenos Aires (from 2013, EUR 15,585 for two years).

PI of the DFG Project *Syntactic Approaches to Interacting Modalities* (from 2011, EUR 414,450 for three years; later extended by a year and a half).

Alexander von Humboldt Professorship Grant (from 2010, EUR 3,500,000 for five years).

PI of the Bristol Group in the International Research Group on *Logical Modelling* (GDRI project). Partners in Paris, Toulouse, Montreal, Amsterdam (2010).

Member of the ESF Network *INFTY* on Set Theory (2009–2014, project leader: Mirna Dzamonja, University of East Anglia).

Member of the ESF Project *The Philosophy of Science in a European Perspective*, team A (2009–2013, project leader: Stephan Hartman, Tilburg).

Member of the AHRC Project *Foundations of Logical Consequence*, (2009–2012, project leader: Stephen Read, St Andrews).

Member of the DFG International Network *Philosophy of Mathematics: Sociological Aspects and Mathematical Practice* (2008–2012, coordinators: Benedikt Löwe, Amsterdam; Thomas Müller, Utrecht).

PI of the Bristol Group in a EUROCORES project (2006–2009) on *Metacognition as a precursor to self-consciousness: Evolution, development, and epistemology* (Collaborative Research Project in the ESF Programme on *Consciousness in a natural and cultural context*).

Co-applicants in Paris, Buffalo, Atlanta, Salzburg, Leipzig.

£ 88,725 granted in August 2006 for the Bristol group.

*Benjamin Meaker Fast Track Small Grant*, 16/06/06,  
Institute of Advanced Studies, University of Bristol  
(with A. Bird; on behalf of Professor Hartry Field, NYU).

Founding member of the *Research Group on Logical Methods in Epistemology, Semantics, and Philosophy of Mathematics* (2003–2009, British Academy)

## Organization of Conferences and Workshops

*Workshop on Logical Paradoxes*, 41. International Wittgenstein Symposium, Kirchberg am Wechsel, 05/08/18–11/08/18, 3 speakers.

*Workshop on Logic and Paradox*, Munich, 14/12/16–16/12/16, 10 speakers.

*Five Years MCMP: Quo Vadis, Mathematical Philosophy?*, Munich, 02/06/16–04/06/16, 20 speakers.

*Mathematics: Objectivity by Representation*, Munich, 11/11/14, 6 speakers.

*Proof, Truth, Computation. Summer School on the Interactions between Modern Foundations of Mathematics and Contemporary Philosophy* (with H. Schwichtenberg, P. Schuster, I. Petrakis), Fraueninsel, sponsored by the Volkswagen Foundation, 21/07/14–25/07/14, 22 speakers.

*Workshop on Groundedness* (with Ø. Linnebo), Munich, 26/10/12–27/10/12, 10 speakers.

*1st Bristol-Munich Workshop*, Munich, 22/09/11–23/09/11  
16 speakers.

*Workshop on Mathematical Philosophy*, Munich, 12/09/11–13/09/11  
13 speakers.

*Workshop on Carnap*, Munich, 28/07/11, 5 speakers.

*Workshop on Bayesian Methods in Philosophy*, Munich, 15/06/11,  
5 speakers.

*Workshop on Computational Metaphysics*, Munich, 11/06/11, 5 speakers.

*Workshop on Modality*, Munich, 05/06/11, 4 speakers.

*Workshop Scientific Philosophy: Past and Future*, Tilburg, 13/04/10  
(with S. Hartmann and Jan Sprenger), 5 speakers.

*Workshop on Formal Philosophy*, ECAP 2008, Kracow, 24/08/08  
(with S. Hartmann), 5 speakers.

*Wittgenstein Symposium of the Austrian Ludwig Wittgenstein Society*, Kirchberg am Wechsel, 10/08/08–16/08/08 (with A. Hieke), 176 speakers.

*ESF Exploratory Workshop* on “Applied Logic in the Methodology of Science”, Bristol, 08/09/06–10/09/06 (PI, with A. Bird), 19 speakers.

*History and Philosophy of Mathematics Day*, Bristol, 23/05/06

(with A. Bird).

*Salzburg Meeting of the Research Group on Logical Methods in Epistemology, Semantics, and Philosophy of Mathematics,*  
Salzburg, 13/05/03–15/05/03.

*1st Salzburg Workshop on Paradigms of Cognition (SWPC 1/2002)*  
(with G. Schurz), Salzburg, 18/07/02–20/07/02.