

ØYSTEIN LINNEBO

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APPOINTMENTS

Professor of Philosophy, University of Oslo, August 2012 –
Professorial Fellow, Northern Institute of Philosophy, University of Aberdeen, July 2013 –
January 2015
Professor of Philosophy, Birkbeck, University of London, October 2011 – December 2013
Lecturer in Philosophy, Birkbeck, University of London, January 2010 – September 2011
Reader in Philosophy, University of Bristol, August 2008 – January 2010
Lecturer in Philosophy, University of Bristol, January 2006 – July 2008
Fitzjames Research Fellow, Merton College, Oxford, October 2004 – December 2005
Post-Doctoral Fellow, University of Oslo, August 2002 – September 2004

VISITING POSTS

Visiting Lecturer, Technische Universität Berlin, 15 May – 15 June 2011
Visiting Lecturer, University of Buenos Aires, April 2008
Visiting Fellow, Institute of Philosophy, University of London, September 2007 – January 2008
Visiting Scholar, UC Berkeley, April 2003

EDUCATION

- Harvard University, *Ph.D. in Philosophy*, September 1996 – June 2002
Ph.D. Thesis: *Science with Numbers: A Naturalistic Defense of Mathematical Platonism*
Awarded Baker Dissertation Prize
- University of Oslo, Norway, *M.A. in Mathematics*, August 1993 – June 1995
M.A. Thesis: *The Number of Genus 2 Degree 5 Curves on Some Calabi-Yau Threefold*
Marked outstanding (1.1 on a scale from 1.0 to 6.0)
- University of Bergen, Norway, *B.A. in Mathematics*, August 1991 – June 1993

AREAS OF SPECIALIZATION

Philosophy of Mathematics
Philosophical Logic
Philosophy of Language
Metaphysics
Frege

AREAS OF COMPETENCE

Mathematical Logic
Philosophy of Science
Philosophy of Mind

GRANTS AND AWARDS

Le Centre franco-norvégien en sciences sociales et humaines, 2014. PI. (NOK 12,500 to bring Dr
David Nicolas to Oslo as a guest researcher)
Elected member of *Academia Europaea*, 2014
Elected member of *The Norwegian Academy of Science and Letters*, 2014.
Sisters Dal Research Prize, 2013. (NOK 170,000)
Philosophy Teacher of the Year, 2013. Awarded by the Oslo Philosophy Students' Association

ESF (New Frontiers of Infinity), 2010. PI. Project title: “Set theory and higher-order logic: foundations and mathematical developments” (EUR 5,000)

European Research Council Starting Grant, 2009-2013. PI. Project title: “Plurals, Predicates, and Paradox: Towards a Type-Free Account” (EUR 940,862)

AHRC Research Grant, 2009-2012. Co-investigator (PI: James Ladyman). Project title: “Foundations of Structuralism” (GBP 290,143)

British Academy Visiting Fellowship, 2009. PI. Project title: “Hypostasis, plurals, modality, set theory” (GBP 4,470 to bring Dr Rafal Urbaniak to Bristol as a post-doc)

British Academy Small Research Grant. 2008. PI. Project title: “New Waves in Philosophy of Mathematics” (GBP 4,630)

British Academy Visiting Fellowship, 2008. PI. Project title: “Meta-theory of the Logical System for Arithmetic *Predicative Grundgesetze*” (GBP 6,164 to bring Dr Francesca Boccuni to Bristol as a post-doc)

AHRC Research Leave, 2007. PI. Project title: “Reference and Frege’s Context Principle” (GBP 25,421)

Mind Association Research Fellowship, 2006. PI. Project title: “Reference and Frege’s Context Principle” (GBP 12,000)

Baker Dissertation Prize, Harvard University, 2002 (USD 1,500)

Certificate of Distinction in Teaching, Harvard University, 2000 and 2002. (These awards are given to teachers who receive an average of 4.5 or higher out of 5 in the category “Was an effective teacher overall.”)

Doctoral Fellowship, The Norwegian Research Council, 1999-2002 (ca. GBP 60,000)

Summer Grant, Harvard University, 1999

Nansen Research Grant, The Nansen Fund, 1997 (GBP 5,200)

Fulbright Fellowship, 1996 (ca. GBP 10,000)

ARTICLES IN REFEREED JOURNALS

- J31. “An Aristotelian Continuum” (with Geoffrey Hellman and Stewart Shapiro), forthcoming in *Philosophia Mathematica*
- J30. “Frege Meets Brouwer (or Heyting, or Dummett)” (with Stewart Shapiro), forthcoming in *Review of Symbolic Logic*
- J29. “Cardinality and Acceptable Abstraction” (with Roy Cook), forthcoming in *Notre Dame Journal of Formal Logic*
- J28. “On the Innocence and Determinacy of Plural Quantification” (with Salvatore Florio), forthcoming in *Noûs*
- J27. “Term Models for Abstraction Principles” (with Leon Horsten), forthcoming in *Journal of Philosophical Logic*
- J26. “Response to Florio and Shapiro” (with Agustín Rayo), *Mind* 123 (2014), 175-181
- J25. “Rayo on ‘Just Is’-Statements”, *Inquiry* 57:4 (2014), 466-482
- J24. “Two Types of Abstraction for Structuralism” (with Richard Pettigrew), *Philosophical Quarterly* 64 (2014), 267-83
- J23. “On Witness Discernibility of Elementary Particles” (with Fred Muller), *Erkenntnis* 78 (2013), 1133-42
- J22. “Freges Oppfatning av Logikk: Fra Kant til *Grundgesetze*”, *Norsk Filosofisk Tidsskrift* 48:3-4 (2013), 219-229
- J21. “Entanglement and Non-Factorizability” (with Tomasz Bigaj and James Ladyman), *Studies in History and Philosophy of Modern Physics* 44 (2013), 215-221
- J20. “The Potential Hierarchy of Sets”, *Review of Symbolic Logic* 6:2 (2013), 205-28
- J19. “Hierarchies Ontological and Ideological” (with Agustín Rayo), *Mind* 121 (2012): 269-308
- J18. “Reference by Abstraction”, *Proceedings of the Aristotelian Society* 112:1 (2012), 45-71
- J17. “Identity and Discernibility in Philosophy and Logic” (with James Ladyman and Richard Pettigrew), *Review of Symbolic Logic* 5:1 (2012), 162-86
- J16. “Metaontological Minimalism”, *Philosophy Compass* 7:2 (2012), 139-51

- J15. "Category Theory as an Autonomous Foundation" (with Richard Pettigrew), *Philosophia Mathematica* 19:3 (2011), 227-254
- J14. "Some Criteria for Acceptable Abstraction", *Notre Dame Journal of Formal Logic* 52:3 (2011), 331-338
- J13. "Pluralities and Sets," *Journal of Philosophy* 107:3 (2010), 144-164
- J12. "Which Abstraction Principles Are Acceptable? Some Limitative Results" (with Gabriel Uzquiano), *British Journal for the Philosophy of Science* 60:2 (2009), 239-253
- J11. "Introduction to the Bad Company Problem," *Synthese* 170:3 (2009), 321-329
- J10. "Bad Company Tamed," *Synthese* 170:3 (2009), 371-391
- J9. "Superplurals in English" (with David Nicolas), *Analysis* 68:3 (2008), 186-97
- J8. "Structuralism and the Notion of Dependence," *Philosophical Quarterly* 58 (2008), 59-79
- J7. "Burgess on Plural Logic and Set Theory," *Philosophia Mathematica* 15:1 (2007), 79-93
- J6. "Epistemological Challenges to Mathematical Platonism," *Philosophical Studies* 129:3 (2006), 545-574
[Translated to Spanish as "Retos epistemológicos al platonismo matemático," *Revista Analítica* N° 2 (2008), 51-82]
- J5. "To Be Is to Be an *F*," *Dialectica* 59:2 (2005), 201-222 (special issue on Frege's "Caesar Problem")
- J4. "Frege's Proof of Referentiality," *Notre Dame Journal of Formal Logic* 45:2 (2004), 73-98
- J3. "Predicative Fragments of Frege Arithmetic," *Bulletin of Symbolic Logic* 10:2 (2004), 153-174
- J2. "Plural Quantification Exposed," *Noûs* 37:1 (2003), 71-92
- J1. "Frege's Conception of Logic: From Kant to *Grundgesetze*," *Manuscrito* 26:2 (2003), 235-252 (special issue on Frege edited by Marco Ruffino)

ARTICLES IN VOLUMES AND ENCYCLOPEDIAS

- A18. "Putnam on Mathematics as Modal Logic", forthcoming in Roy Cook and Geoffrey Hellman (eds.), *Putnam on Mathematics and Logic* (Springer)
- A17. "Logic and Plurals" (with Salvatore Florio), forthcoming in Marija Jankovic and Kirk Ludwig (eds.), *Handbook of Collective Intentionality* (Routledge)
- A16. "How to Harness Basic Law V", forthcoming in Massimiliano Carrara and Friederike Moltmann (eds.), *Plurality and Unity: Philosophy, Logic, and Semantics* (Oxford: Oxford University Press)
- A15. "The Context Principle in Frege's *Grundgesetze*", forthcoming in Philip Ebert and Marcus Rossberg (eds.), *Essays on Frege's Basic Laws of Arithmetic* (Oxford: Oxford University Press)
- A14. "Truth in Mathematics," forthcoming in M. Glanzberg (ed.), *Oxford Companion to Truth* (Oxford University Press)
- A13. "Impredicativity in the Neo-Fregean Programme," forthcoming in Philip Ebert and Marcus Rossberg (eds.), *Abstractionism in Mathematics: Status Belli* (Oxford: Oxford University Press)
- A12. "Føllesdal and Frege on Reference," in M. Frauchiger (ed.), *Reference, Rationality, and Phenomenology: Themes from Føllesdal* (Frankfurt: Ontos Verlag, 2013), 259-79
- A11. "Higher-Order Logic," in L. Horsten and R. Pettigrew (eds.), *Continuum Companion to Philosophical Logic* (London: Continuum, 2011), 105-127
- A10. "Predicativity and Impredicative Definitions", in James Fieser and Bradley Dowden (eds.), *Internet Encyclopedia of Philosophy* (2010), URL = <<http://www.iep.utm.edu/predicat/>>
- A9. "Platonism in the Philosophy of Mathematics," in Edward N. Zalta (ed.), *Stanford Encyclopedia of Philosophy* (2009), URL = <<http://plato.stanford.edu/entries/platonism-mathematics/>>
- A8. "Thin Objects," in A. Hieke and H. Leitgeb (eds.), *Reduction and Elimination in Philosophy and the Sciences*, (Ontos Verlag, 2009), 227-238

- A7. "Philosophy of Mathematics: Old and New" (Introduction) (with Otávio Bueno), in O. Bueno and Ø. Linnebo (eds.), *New Waves in Philosophy of Mathematics*, Palgrave (2009), 1-9
- A6. "The Individuation of the Natural Numbers," in O. Bueno and Ø. Linnebo (eds.), *New Waves in Philosophy of Mathematics*, (Palgrave, 2009), 220-238
- A5. "Frege's Context Principle and Reference to the Natural Numbers," in S. Lindström *et al.* (eds.), *Logicism, Intuitionism, and Formalism: What Has Become of Them?* (Springer, 2009), 47-68
- A4. "The Nature of Mathematical Objects," in B. Gold and R. Simons (eds.), *Proof and Other Dilemmas: Mathematics and Philosophy* (Washington: Mathematical Association of America, 2008), 205-219
- A3. "Against Limitation of Size," in J. Skilters *et al.* (eds.), *Paradox: Logical, Cognitive and Communicative Aspects*, Baltic International Yearbook of Cognition, Logic and Communication, Vol. 1 (Riga: University of Latvia Press, 2006), 69-86
- A2. "Sets, Properties, and Unrestricted Quantification," in A. Rayo and G. Uzquiano (eds.), *Absolute Generality* (Oxford: Clarendon, 2006), 149-178
- A1. "Plural Quantification," in Edward N. Zalta (ed.), *Stanford Encyclopedia of Philosophy* (2004), URL = <<http://plato.stanford.edu/entries/plural-quant/>>

CRITICAL NOTICES, REVIEWS, AND SHORTER PIECES

- S15. "Set Theory and Higher-Order Logic: Foundational Issues and Philosophical Developments" (with Salvatore Florio, Sean Walsh, and Philip Welch), forthcoming in *Notre Dame Journal of Formal Logic*
- S14. "What is the Infinite?," *Philosophers' Magazine*, 2nd Quarter (2013), 42-47
- S13. Review of Patricia Blanchette, *Frege's Conception of Logic*, *Notre Dame Philosophical Reviews* (2013), <http://ndpr.nd.edu/news/37030-frege-s-conception-of-logic/>
- S12. Review of Penelope Maddy, *Defending the Axioms*, *Philosophy* 87:339 (2012), 133-7
- S11. Review of John P. Burgess, *Mathematics, Models, and Modality*, *Metascience* 18:3 (2009), 433-436
- S10. Review of Fraser MacBride (ed.), *Identity and Modality*, *Mind* 117:467 (2008), 705-708
- S9. Discussion of John P. Burgess, *Fixing Frege* and Bob Hale and Crispin Wright, *Reason's Proper Study*, *Mathematical Intelligencer* 29:4 (2007), 83-86
- S8. Review of Kit Fine, *Modality and Tense*, *Philosophical Quarterly* 57:227 (2007), 294-7
- S7. "Mending the Master" (Critical notice of John P. Burgess, *Fixing Frege*), *Philosophia Mathematica* 14:3 (2006), 338-351
- S6. Review of Kit Fine, *The Limits of Abstraction*, *Australasian Journal of Philosophy* 82:4 (2004), 653-6
- S5. Introductory Note to Correspondence with Walter Pitts (with Charles Parsons), in S. Feferman *et al.* (eds.), *Kurt Gödel: Collected Works*, Vol. V (Oxford: Clarendon, 2003), 157-59
- S4. Critical Notice of Stewart Shapiro: *Philosophy of Mathematics: Structure and Ontology*, *Philosophia Mathematica* 11:1 (2003), 92-104
- S3. Review of Michael Potter, *Reason's Nearest Kin*, *Mind* 110:439 (2001), 810-13
- S2. Synopsis of talk at the 2000 European Meeting of The Association of Symbolic Logic, *Bulletin of Symbolic Logic* 7 (2001), 131
- S1. Review of William Tait (ed.), *Early Analytic Philosophy*, *Philosophical Review* 109:1 (2000), 98-101

ARTICLES COMMISSIONED OR UNDER REVIEW

- "Plurals and Modals", for a special issue of *Canadian Journal of Philosophy*
- "Mathematics and Modality" (with Stewart Shapiro), for Otávio Bueno and Scott A. Shalkowski (eds.), *Handbook of Modality* (Routledge)

BOOKS

Thin Objects: An Abstractionist Account, forthcoming with Oxford University Press
Philosophy of Mathematics, under contract with Princeton University Press

DISSERTATIONS

Ph.D.: *Science with Numbers: A Naturalistic Defense of Mathematical Platonism*
Harvard University, June 2002; advised by Professors Goldfarb, Heck, and Parsons
M.A: *The Number of Genus 2 Degree 5 Curves on Some Calabi-Yau Threefolds*
University of Oslo, June 1995; advised by Professor Ellingsrud

EDITORIAL WORK

Special issue of Notre Dame Journal of Formal Logic (co-edited with Salvatore Florio, Sean Walsh, and Philip Welch), 56:1 (2015)
Special issue of Inquiry on *Ground and Groundedness*, 57:2 (2014)
New Waves in the Philosophy of Mathematics (co-edited with Otávio Bueno), Palgrave Macmillan, 2009 (Contributors: Alan Baker, Otávio Bueno, Mark Colyvan, Roy Cook, Thomas Hofweber, Peter Koellner, Hannes Leitgeb, Mary Leng, Øystein Linnebo, Alexander Paseau, Chris Pincock, Agustín Rayo, and Gabriel Uzquiano)
Special issue of Synthese, 170:3 (2009) (Contributors: Roy Cook, Philip Ebert & Stewart Shapiro, Matti Eklund, Bob Hale & Crispin Wright, John MacFarlane, and Gabriel Uzquiano)

ACADEMIC TALKS

TBA

November 2015. Invited. Uppsala
October 2015. Invited. Beijing
September 2015. Invited. Vienna
September 2015. Invited. Düsseldorf
June 2015. Invited. Dubrovnik
June 2015. Invited. Bergen
“Plurals and Modals”
April 2015. Invited. Montreal
“Reference and Criteria of Identity”
March 2015. Invited. Paris
October 2014. Invited. Tromsø
“A Dummettian Analysis of Indefinite Extensibility”
September 2014. Invited. *Bucharest Colloquium in Analytic Philosophy*
“Indefinite Extensibility”
June 2014. Invited. *Philosophy of Logic*, St Andrews
“Dynamic Abstraction”
May 2014. *Abstraction conference*, University of Oslo
May 2014. Invited. *Mathematical Reflections*, University of Roskilde
“Recarving of Content”
April 2014. Invited. *Abstraction conference*, University of Connecticut
April 2014. Invited. University of Illinois, Champaign-Urbana
“Fregean Categories and the Problem of Inexpressibility”
February 2014. Invited. Philosophy of Mathematics Workshop, Leuven, Belgium
January 2014. Invited. Jowett Society, Oxford University
January 2014. Invited. Uppsala
October 2013. Invited. Northern Institute of Philosophy, Aberdeen
“Modality in Mathematics”
June 2014. Invited. *Meaning and Modality Workshop*, University of Oslo
January 2014. Invited. Oxford
November 2013. Invited. *Intuition and Reason*, Tel-Aviv

- September 2013. Invited. *Workshop in Philosophical Logic*, Padua
 June 2013. Invited. *Necessity, Analyticity, and the A priori*, Oslo
 May 2013. Invited. *Intensionality in Mathematics*, Lund
- “Conceptions of the Infinite”
 April 2013. Invited. Dept. Astrophysics, Oslo
 November 2012. Invited. *Big Ideas*, London
- “Absolute Generality and Higher-Order Logic”
 October 2012. Invited. *Society for Exact Philosophy*, Columbus, Ohio
- “Grounded Properties”
 October 2012. Invited. *Groundedness in Semantics and Beyond*, Munich
- “Plurals and Pluralities” (with Salvatore Florio)
 June 2012. Invited. *Semantics and Philosophy in Europe 5*, Torino
- “How to Prove Soundness”
 April 2012. Invited. Oxford
- “The Potential Infinite”
 September 2012. Invited. University of Bergen
 September 2012. Invited. University of Oslo
 June 2012. Invited. Birkbeck, University of London
 April 2012. Invited. Gothenburg
 March 2012. Invited. Department Colloquium, Princeton
 February 2012. Invited. Zeno lecture, Utrecht
- “Critical Remarks on the Epistemology of Mathematics”
 November 2011. Invited. Oslo
- “The Context Principle in Frege’s *Grundgesetze*”
 December 2014. Invited. Eastern APA
 November 2014. Invited. Aberdeen
 May 2014. Invited. *Frege workshop*, University of Oslo
 September 2013. Invited. Milano
 June 2013. Invited. *Frege’s Epistemology of Basic Logical Laws*, Stirling
 January 2013. Invited. *Frege’s Original Conception of Number*, Munich
 June 2011. Invited. *Logicism today*, Besse-en-Chandesse, France
- “Grounded Abstraction”
 July 2011. Invited. *Truth, Paradox, and Abstraction*, NIP, Aberdeen
 May 2011. Invited. *Frege’s Philosophy of Mathematics*, Bucharest
- “Absolute but Indefinite Generality”
 February 2011. Invited. Oxford
- “Grounded Identity and Distinctness” (with Leon Horsten)
 February 2011. Invited. *Notions of Dependence*, Bristol
- “Mathematics as an Epistemological Challenge”
 February 2011. Invited. *The Seminar in Science Studies*, Oslo
- “Identity and Discernibility in Philosophy and Logic” (with James Ladyman and Richard Pettigrew)
 July 2010. Invited. *Structure and Identity*, Bristol
- “Only up to Isomorphism? Category theory as a Foundation for Mathematics” (with Richard Pettigrew)
 May 2010. Invited. Paris
- “Reference by Abstraction”
 May 2012. Invited. Manchester Philosophy of Language Workshop
 November 2011. Invited. *The Aristotelian Society*, London
 June 2010. Invited. Lisbon
 May 2010. Invited. IHPST, Paris
 December 2009. Invited. *Structure, Identity and Abstraction Workshop*, Bristol
 November 2009. Invited. Warwick

- “Hierarchies Ontological and Ideological” (with Agustín Rayo)
 November 2010. Invited. Lund
 June 2010. Invited. *Varieties of Higher-Order Logic*, London
 October 2009. Invited. *Conference on Plural Logic*, Geneva
 July 2009. Invited. *Filosofia da Lógica*, São Paulo
 July 2009. Invited. *Workshop on Higher-Order Languages*, Buenos Aires
- “In Defense of Basic Law V”
 June 2010. Invited. *Workshop on Vagueness and Self-Reference*, Lisbon
 September 2009. Invited. *Trends in the Philosophy of Mathematics*, Frankfurt
- “Modality and Absolute Generality”
 September 2009. Invited. *Workshop on Absolute Generality*, Institut Jean Nicod, Paris
 July 2009. Invited. *Workshop on Higher-Order Languages*, Buenos Aires
- “The Potential Hierarchy of Sets”
 June 2011. Invited. Imperial College, London
 July 2009. Invited. *Filosofia da Lógica*, São Paulo
- “Towards an Ontological Liberalism”
 June 2009. Invited. *Is There More than One Notion of Existence?*, Birmingham
- “Bad Companions in Gainful Employment”
 December 2008. Invited. *Arché*, St Andrews
- “What is Mathematical Platonism?”
 August 2008. Contributed. *6th European Congress of Analytic Philosophy*, Kraków, Poland
- “Russell’s Paradox”
 April 2008. Invited. Buenos Aires
- “The Individuation of the Natural Numbers”
 December 2009. Invited. *Annual Meeting of the Eastern APA*, New York
 April 2008. Invited. *New Waves in Philosophy of Mathematics*, Miami
- “Pluralities and Sets”
 July 2008. Invited. LMU, Munich
 April 2008. Invited. University of Buenos Aires
 March 2008. Invited. Oxford Workshop in Philosophical Logic
- “Meta-Ontological Minimalism”
 December 2008. Invited. *CSMN Colloquium*, Oslo
 November 2008. Invited. *Logos Colloquium*, Barcelona
 October 2008. Invited. Leeds
 August 2008. Invited. *31st Wittgenstein Symposium*, Kirchberg, Austria
 July 2008. Invited. LMU, Munich
 March 2008. Invited. Central European University, Budapest
- “Superplurals in English”
 November 2007. Invited. *The Institute of Philosophy*, London
- “Sets, Properties, and Semantics”
 April 2008. Invited. University of Buenos Aires
 October 2007. Invited. *Semantics beyond Set Theory*, Institut Jean Nicod, Paris
- “Compositionality and Frege’s Context Principle”
 November 2007. Invited. *London Logic and Metaphysics Forum*, London
 August 2007. Invited. *CSMN Workshop on Reference*, Oslo
- “The Hidden Costs of Empiricist Platonism”
 July 2007. Contributed. *British Society for Philosophy of Science*, Bristol
- “Neo-Logicism and Impredicativity”
 December 2006. Invited. *Status Belli—Final Abstraction Workshop*, St. Andrews
- “Bad Company Tamed”
 July 2007. Contributed. *Joint Session*, Bristol
 February 2007. Invited. *Belgian Society for Logic and Philosophy of Science*, Brussels

- November 2006. Contributed. *Seventh Annual Midwest Philosophy of Mathematics Workshop*, Notre Dame University
- “The Nature of Mathematical Objects”
- November 2006. Invited. Cornell University
- “*E Pluribus Semper Unum*”
- September 2006. Contributed. *Gesellschaft für Analytische Philosophie*, Berlin
- “Structuralism and the Notion of Dependence”
- December 2006. Invited. *Structuralism in Mathematics and Physics*, Bristol
- October 2006. Invited. Leeds
- July 2006. Contributed. *British Society for Philosophy of Science*, Southampton
- April 2006. Invited. Geneva
- “Føllesdal on Reference: Some Fregean Reflections”
- June 2006. Invited. *Lauener Prize Symposium for Dagfinn Føllesdal*, Bern
- “Why Size Doesn’t Matter”
- July 2006. Contributed. *Joint Session*, Southampton
- November 2005. Keynote. *International Symposium of Cognition, Logic and Communication*, Riga
- “Sets, Properties, and Unrestricted Quantification”
- August 2005. Contributed. *Fifth European Congress of Analytic Philosophy*, Lisbon
- July 2005. Contributed. *Joint Session*, Manchester
- “Frege’s Context Principle and Criteria of Identity”
- December 2004. Invited. *Criteria of Identity*, Leuven
- “Frege’s Context Principle and Reference to Mathematical Objects”
- November 2004. Invited. *Seminar in the Philosophy of Mathematics*, Oxford
- “Reference and Frege’s Context Principle”
- August 2004. Invited. *Logicism, Formalism, and Intuitionism: What has become of them*, Uppsala
- July 2004. Contributed. *Joint Session*, Canterbury
- “Kant and Frege on Formal Logic”
- March 2004. Invited. *The Norwegian Kant Society*, Oslo
- “Mathematical Structuralism”
- November 2003. Invited. *Seminar in the Philosophy of Mathematics*, Harvard
- “Predicative Fragments of Frege Arithmetic”
- August 2003. Contributed. *12th International Congress of Logic, Methodology, and Philosophy of Science*, Oviedo
- “Neo-Logicism and Impredicativity”
- April 2003. Invited. *Townsend Working Group in History and Philosophy of Logic, Mathematics, and Science*, UC Berkeley
- “Naturalistic Challenges: On the Possibility of Non-Scientific Knowledge”
- October 2002. Invited. *Seminar in Science Studies*, Oslo
- “Ontology and the Concept of an Object”
- May 2002. Invited. *Arché Abstraction Workshop*, St. Andrews
- March 2002. Invited. Federal University of Brazil, Rio di Janeiro
- “Field’s Nominalism and the Concept of an Object”
- July 2000. Contributed. *European Meeting of the Association of Symbolic Logic*, Paris
- “Naturalism and the Fact/Value Dichotomy”
- May 2000. Contributed. *13th Inter-Nordic Symposium in Philosophy*, Bergen
- “Frege’s Conception of Logic: From Kant to *Grundgesetze*”
- August 1999. Contributed. *11th International Congress of Logic, Methodology, and Philosophy of Science*, Kraków
- “The Hilbert Scheme of Cohen-Macaulay Space Curves”
- March 1995. Contributed. *Géométrie Algébrique en Liberté III*, Marseille

COMMENTARIES

Comments on Timothy Williamson

March 2010. *Centre for Logic and Language*, London

Comments Matti Eklund and Crispin Wright

December 2007. *Annual Meeting of the Eastern APA*, Baltimore

Comments on Mario Gomez-Torrente

May 2006. *Foundational Issues in Logic*, Santiago de Compostela, Spain

TEACHING AT SUMMAR SCHOOLS

Northern Institute of Philosophy, Aberdeen, UK, 25/6-2/7/2014. *Indefinite extensibility*

Nordic Spring School in Logic, Nordfjordeid, Norway, 27-31/05/2013. *The problem of absolute generality*

ESSLLI, *Plurals in Semantics and Philosophical Logic*, Opole, Poland, 6-10/08/2012 (with Salvatore Florio)

Summer school on *Formal Methods in Philosophy*, Lund, Sweden, 15-26/08/2005 (with Bengt Hansson, Vincent Hendricks, Erik Olsson, and Gabriel Sandu)

EXTERNAL ACADEMIC RESPONSIBILITIES AND MARKS OF ESTEEM

Executive Committee of Scandinavian Logic Society (08/2012 –)

Board member of Philosophy of Mathematics Association (07/2015 – 06/2017)

Steering Committee of “Applying Homotopy Type Theory in Logic, Metaphysics, and the Philosophy of Physics”, University of Bristol (GBP 177,093. PI: James Ladyman)

Member of Research Networks

- “Foundations of Logical Consequence,” *Arché*, University of St. Andrews (awarded GBP 570,962 of funding from AHRC).
- “Metaphysical Indeterminacy,” University of Leeds (funded by AHRC)

Editorial board of

- InKoj. Philosophy & Artificial Languages (Scientific Committee from 2013)
- Inquiry (Associate Editor from 2012)
- Philosophia Mathematica (from 2012)
- Linguistic and Philosophical Investigations (from 2004)
- Al-Mukhatabat: Journal For Logic, Epistemology and Analytic Philosophy (from 2011)
- Analysis and Metaphysics (from 2004)
- Nordic Journal of Philosophical Logic (from 1998 until journal discontinued in 2001)
- Review of Contemporary Philosophy (from 2004)
- Revista Analítica (from 2007)
- SATS. Northern European Journal of Philosophy (from 2014)
- Thought (editorial panel from 2012)

Appointment panels

- Two Professorships in Philosophy at the University of Oslo (2015)
- Professorships in Theoretical Philosophy at the University of Oslo (2014)
- Postdoctoral Researcher in Philosophy at the University of Oslo (2014)
- Professorships in Theoretical Philosophy at the University of Oslo (2013)
- Two-year Postdoctoral Researcher in Philosophy at the University of Oslo (2012)
- 3.5 three-year Lectureships in Philosophy at Birkbeck, University of London (2010)
- 2 three-year Postdoctoral Researchers in Philosophy at Birkbeck, University of London (2010)

- Professorship in Philosophy at the Norwegian University of Science and Technology, Trondheim, Norway (2009)

Member of AHRC Peer Review College

Referee for research councils and prizes

The British Society for the History of Philosophy
 The Canadian Social Sciences and Humanities Research Council
 FWF, Austria
 FWO, the Research Foundation—Flanders, Belgium
 The Greek Ministry for Education, Life Long Learning, and Religious Affairs
 Kurt Gödel Centenary Research Prize Fellowship
 The Netherlands Organisation for Scientific Research
 The Research Council of the University of Leuven

Referee for academic publishers

Blackwell
 Bloomsbury
 Continuum
 Oxford University Press
 Palgrave
 Routledge

Referee for academic journals

Analysis, Australasian Journal of Philosophy, British Journal for the Philosophy of Science, Bulletin of Symbolic Logic, Canadian Journal of Philosophy, Dialectica, Disputatio, Erkenntnis, European Journal for Philosophy of Science, International Studies in the Philosophy of Science, Journal for the History of Analytic Philosophy, Journal of Philosophical Logic, Logic Journal of the IGPL, Logique et Analyse, Manuscrito, Mind, Nordic Journal of Philosophical Logic, Norsk Filosofisk Tidsskrift, Notre Dame Journal of Formal Logic, Noûs, Philosophia Mathematica, Philosophical Papers, Philosophical Quarterly, Philosophical Review, Philosophical Studies, Philosophy and Phenomenological Research, Philosophy Compass, Review of Symbolic Logic, Revista Analítica, Southern Journal of Philosophy, Studia Logica, Synthese, Theoria, and Thought.

Reviewing articles for Zentralblatt der Mathematik (05/2007 –)

Subject editor for Philosophy of Mathematics, philpapers.org (05/2009 –)

Advised the University of Sheffield Research and Innovation Services about European Research Council grants

Advised the Department of Philosophy, University of Warwick, on their new four-year course in Mathematics and Philosophy (04/2009)

MAJOR INTERNAL ACADEMIC RESPONSIBILITIES

- Head of Subject (8/2013 –)
- Member of School Governing Body, Oslo (1/2013 – 12/2015)
- Member of School Teaching and Quality Enhancement Committee, Birkbeck (10/2010 – 12/2010)
- Member of Graduate Standing Committee, Birkbeck (10/2010 – 08/2012)
- MA Programme Director, Department of Philosophy, Birkbeck (04/2010 – 12/2010)

- MA Programme Director, Department of Philosophy, Bristol (08/2008 – 01/2010)
- Postgraduate Diploma Coordinator, Department of Philosophy, Bristol (02/2006 – 01/2007)
- Head Tutor in Philosophy, Merton College, Oxford (01/01/2005 – 30/06/2005)
- Organizer of the Department Colloquium, Department of Philosophy, University of Oslo, (01/2003 – 09/ 2004)
- Co-organizer of Annual Skolem Lecture, University of Oslo (2003 – 2004 and 2012 –)

CONFERENCES ORGANIZED

Special session on the Philosophy of Mathematics, *Logic Colloquium*, Vienna, July 2014

Biannual workshops in connection with ERC Starting Grant, 2010-2013; see

<http://www.hf.uio.no/ifikk/english/research/projects/ppp/> for a complete list

5th Semantics and Philosophy in Europe

June 2012, Torino

Higher-Order Logic vs Set Theory

29-30/05/2010, London

The Varieties of Higher-Order Logic

18-19/06/2010, London

Absolute Generality

9-10/07/2009, CNRS, Paris (with David Nicolas) (Budget: ca. 5,000 GBP)

New Waves in Philosophy of Mathematics

24-26/04/2008, University of Miami (with Otávio Bueno) (Budget: ca. 11,500 GBP)

Structuralism in the Philosophies of Mathematics and Physics

2-3/12/2006, University of Bristol (with James Ladyman) (Budget: ca. 2,000 GBP)

The 7th Annual Harvard-MIT Graduate Student Conference in Philosophy

March 1999 (Harvard co-organizer)

SCIENTIFIC COMMITTEE

Program Committee for the 2015 European Summer Meeting of the Association for Symbolic Logic, Helsinki

9th Scandinavian Logic Symposium, Tampere, Finland, August 2014

The Road Less Travelled – Off-stream applications of formal methods, Ghent, July 2014

ESSLLI, Student sessions, Düsseldorf, Germany, August 2013

8th Scandinavian Logic Symposium, Roskilde, August 2012

ESSLLI, Student sessions, Opole, Poland, August 2012

Semantics and Philosophy in Europe 5, Torino, June 2012

7th Barcelona Workshop on Issues in the Theory of Reference: Paradoxes of Truth and Denotation, June 2011

PHD AND MPhilSTUD DEFENSES

- Benedict Eastaugh, University of Bristol, July 2015. PhD. Supervisor: Professor Leon Horsten
- Gonçalo Baptista dos Santos, University of Barcelona, November 2012. PhD. Dissertation title: *Reconstructing Generality Relativism*. Supervisor: Dr José Martínez Fernández
- Neil Barton, University College London, November 2012. MPhilStud. Dissertation title: *Proper Classes*. Supervisor: Professor Marcus Giaquinto
- James Studd, Oxford University, March 2012. PhD. Dissertation title: *Absolute and Relative Generality*. Supervisor: Dr Gabriel Uzquiano
- Damián Bravo Zamora, Trinity College Dublin, March 2012. PhD. Dissertation title: *Kant, Cantor, and the Unconditioned*. Supervisor: Dr Lilian Alweiss
- Daniel Pointon, King's College London, January 2012. PhD. Dissertation title: *Towards a Mapping Account of Applicability*. Supervisor: Professor David Papineu

- Tom Eckersley-Waites, University College, London, September 2011. MPhilStud. Dissertation title: *Neo-Logicism and A Priori Arithmetic*. Supervisor: Professor Marcus Giaquinto
- Steffan Angere, Lund University, November 2010. PhD. Dissertation title: *Theory and Reality*. Supervisor: Professor Bengt Hansson.
- Kate Manion, King's College London, November 2010. MPhilStud. Dissertation title: *Identity and Change*. Supervisor: Dr Chris Hughes.

POSTGRADUATE SUPERVISION

Co-supervisor, Northern Institute of Philosophy, University of Aberdeen

- Casper Storm Hansen (10/2011 – 9/2014)

Primary supervisor for PhD students at Birkbeck

- Bahram Assadian (10/2011 – 09/2012)
- Peter Gibson (10/2011 – 09/2012)
- Simon Hewitt (autumn term, 2010)
- Jönne Speck (10/2010 – 7/2014)
- Sam Roberts (10/2010 – 9/2014)
- Frederik Willemarck (autumn term, 2010)

Co-supervisor for three PhD students from the University of Bristol:

- Richard Craven (metaphysics of modality) (10/2010 – 04/2012)
- Chris Gifford (structuralism and the metaphysics of objects) (10/2008 – 09/2012)
- Mark Pinder (philosophy of language) (10/2009 – 11/2013)

Visiting PhD students and post-docs who have come specifically to work with me:

- Francesca Boccuni, University of Eastern Piedmont, Italy, post-doc, (15/09/2008 – 15/01/2009, autumn 2012)
- Michele Lubrano, University of Torino (spring 2014)
- Jonathan Payne, University of Sheffield (terms 2 and 3, 2010/11)
- Goncalo Santos, University of Barcelona (term 2, 2010/11)
- Walter Swetly, LMU Munich (spring semester 2008)
- Giulia Terzian, University of Bristol, post-doc (autumn 2012)
- Rafal Urbaniak, Universities of Gdansk and Ghent, post-doc (1/10/2009 – 15/12/2009)

TEACHING EXPERIENCE

University of Oslo (Aug. 2012 –)

Logical and Semantic Paradoxes (MA); *Introduction to Logic* (BA); *The Inheritance from Frege* (BA/MA); *Philosophy of Mathematics* (BA/MA)

Birkbeck, University of London (Jan. 2010 –)

Further Epistemology and Metaphysics (BA); *Logic and Metaphysics* (MA); *Revision Lecture in Logic and Metaphysics* (BA); *Research Student Seminar*

University of Bristol (Jan. 2006 – Jan. 2010)

Epistemology and Metaphysics (MA); *Introduction to Philosophy (Epistemology and Metaphysics, and Moral and Political)*; *Metaphysics and Epistemology of Modality*; *Logicism and Neo-Logicism*; *Non-classical Logic*; *Philosophy of Mathematics* (undergraduate and MA); *Philosophy of Physics*; *Reading and Writing Analytic Philosophy*

Tutor, Merton College, University of Oxford

Frege, Russell, and early Wittgenstein; Frege's Foundations of Arithmetic; General Philosophy; Introductory Logic; Knowledge and Reality; Philosophy of Mathematics; Philosophy of Mind; Philosophy of Logic and Language, Oct. 2004 – Dec. 2005

Lecturer, University of Oslo

Primary and Secondary Qualities, Fall 2004

Realism and Anti-Realism, Fall 2003

Philosophy of Science for Scientists, Fall 2002 and Fall 2003

Set Theory and Its Philosophy, Fall 1995

Teaching Fellow, Harvard University

Logic and Philosophy (metalogic), Prof. Warren Goldfarb, Spring 2002

Frege, Russell, and the Early Wittgenstein, Prof. Warren Goldfarb, Fall 2000

Sophomore Tutorial on Frege's Foundations of Arithmetic, Spring 2000

Kant's Critique of Pure Reason, Prof. Charles Parsons, Fall 1999

Foundations of Quantum Mechanics, Prof. David Albert, Spring 1999

Deductive Logic, Prof. Richard Heck, Fall 1998

Teaching Assistant, Universities of Oslo and Bergen

Five semesters of teaching Calculus I, II, and III, Fall 1992-Spring 1995

LANGUAGES

Norwegian and English (bilingual)

German (fluent)

French (proficient)

Spanish (reading)

REFERENCES

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E: rgheck@philosophy.brown.edu, P: +1 401 863 3217, F: +1 401 863 2719

Professor Charles Parsons, Harvard University, 22 Hancock St., Cambridge MA 02138, USA

E: parsons2@fas.harvard.edu, P: +1 617 492 6251, F: +1 617 495 2192

Professor Stewart Shapiro, Ohio State University, 350 University Hall, 230 North Oval Mall,

Columbus, OH 43210, USA. E: shapiro.4@osu.edu, P: +1 614 292 8198, F: +1 614 292 7502

Professor Timothy Williamson, New College, Oxford OX1 3BN, UK

E: timothy.williamson@philosophy.ox.ac.uk, P: 01865 279257, F: 01865 279590

Professor Crispin Wright, New York University, 5 Washington Place, NY, NY 10003

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