

Rasmus Blanck

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EDUCATION

2017 **Ph.D., Logic**, University of Gothenburg
2012 **Fil. lic., Logic**, University of Gothenburg
2009 **B.A., Logic**, University of Gothenburg

ACADEMIC EMPLOYMENT

2020– **Senior lecturer in logic and theoretical philosophy** (current)
Dept. of Philosophy, Linguistics and Theory of Science, University of Gothenburg
2020 **Visiting lecturer**
Dept. of Philosophy, Linguistics and Theory of Science, University of Gothenburg
2018–2020 **Postdoctoral researcher in computational linguistics** (2 years)
Centre for Linguistic Theory and Studies in Probability
Dept. of Philosophy, Linguistics and Theory of Science, University of Gothenburg
2017 **Lecturer** (3 months)
Dept. of Philosophy, Linguistics and Theory of Science, University of Gothenburg
2012–2013 **Lecturer** (18 months)
Dept. of Philosophy, Linguistics and Theory of Science, University of Gothenburg
2006 **Lecturer** (1 year)
Dept. of Philosophy, University of Gothenburg
2004–2005 **Lecturer** (7 months)
Dept. of Philosophy, University of Gothenburg
2003–2016 **Part-time fixed-term teacher**
9 positions ranging between 20 and 45% of full time, University of Gothenburg

PUBLICATIONS

2020 “From tree adjoining grammars to higher order representations of abstract meaning representations via abstract categorial grammars” [with A. Maskharashvili], *Logic and Algorithms in Computational Linguistics 2018 (LACompLing2018)* (R. Loukanova, ed.), Studies in Computational Intelligence 860, pp. 67–93, Berlin Heidelberg: Springer-Verlag.
2019 “Predicates as Boxes in Bayesian Semantics for Natural Language” [with J.-P. Bernardy, S. Chatzikyriakidis, S. Lappin, and A. Maskharashvili], *Proceedings of The 22nd Nordic Conference on Computational Linguistics (NoDaLiDa 2019)* (B. Plank, ed.), pp. 333–337, Linköping: Linköping University Electronic Press.
2019 “A Logic with Measurable Spaces for Natural Language Semantics”, [with J.-P. Bernardy and A. Maskharashvili] TbiLLC 2019: Thirteenth International Tbilisi Symposium on Language, Logic and Computation, 3 pp.

- 2019 “Bayesian inference semantics: a modelling system and a test suite” [with J.-P. Bernardy, S. Chatzikiyiakidis, S. Lappin, and A. Maskharashvili], *Proceedings of the Eighth Joint Conference on Lexical and Computational Semantics (*SEM)*, pp. 263–272, Stroudsburg, PA: Association for Computational Linguistics.
- 2018 “From TAG to HOL representations of AMRs via ACGs” [with A. Maskharashvili], *Proceedings of the Symposium on Logic and Algorithms in Computational Linguistics 2018* (K. Angelov, K. Liefke, R. Loukanova, M. Moortgat, and T. Satoshi, eds.), pp. 23–33, Stockholm University.
- 2018 “A compositional Bayesian semantics for natural language” [with J.-P. Bernardy, S. Chatzikiyiakidis, and S. Lappin], *Proceedings of the First International Workshop on Language Cognition and Computational Models, Santa Fe*, pp. 1–10, Stroudsburg, PA: Association for Computational Linguistics.
- 2017 *Contributions to the Metamathematics of Arithmetic*, vol. 30 of *Acta Philosophica Gothoburgensia*. Gothenburg: Acta Universitatis Gothoburgensis, 107 pp.
- 2017 “Marginalia on a theorem of Woodin” [with A. Enayat], *The Journal of Symbolic Logic*, vol. 82, no. 1, pp. 359–374.
- 2016 “Flexibility in fragments of Peano arithmetic”, *Studies in Weak Arithmetics, Vol. 3* (P. Cégielski, A. Enayat, and R. Kossak, eds.), no. 217 in CSLI Lecture Notes, pp. 1–20, Stanford: CSLI Publications.
- 2016 “Flexible formulae and partial conservativity”, *The Bulletin of Symbolic Logic*, vol. 22, no. 3, p. 390.
- 2014 “Two consequences of Kripke’s lemma”, *Idées fixes. A festschrift dedicated to Christian Bennet on the occasion of his 60th birthday* (M. Kasà, ed.), no. 61 in Philosophical Communications, Web series, pp. 45–53, Gothenburg: University of Gothenburg.
- 2011 *Metamathematical fixed points*. No. 41 in Philosophical Communications, Red Series, Gothenburg: University of Gothenburg, 72 pp.

FORMAL PEDAGOGICAL QUALIFICATIONS

Supervision in Postgraduate Programmes (5 hec)
 Teaching and Learning in Higher Education 1: Basic Course (5 hec)
 Didactics and methodology of higher learning and research (5 hec)
 Teaching under supervision (5 hec)

TEACHING EXPERIENCE AT THE UNIVERSITY OF GOTHENBURG

Supervisor

Three Master’s students (2020, ongoing)

Lecturer

Instruments of critical thinking (2018)
 Introduction to theoretical philosophy (2018)
 Logical theory (2018)
 Trivium: Language, Logic, and Proof (2012, 2013, 2016, 2019)
 Scholarly and Scientific Approaches in Theory and Practice (2012)
 The Teaching Profession and Society (2011)
 Completeness and Decidability (2006, 2007, 2010–2013)
 Logic: Formal Languages (2006, 2007, 2017)
 Logic in information systems (2004, 2005)

Teaching assistant

Modal logic (2006)
Completeness and Decidability (2004)
Logic: Formal Languages (2004, 2005)
Model theory (2004)
Set theory (2004)
Elementary set theory (2004)
First order logic (2004)
Logic in information systems (2003)

PROFESSIONAL SERVICE

Conference organisation

2019 13th International Conference on Computational Semantics (IWCS 2019) May 23–27 2019, Gothenburg, Sweden. Member of the programme committee.
2018 Tenth Scandinavian Logic Symposium, June 11–13 2018, Gothenburg, Sweden. Member of the programme and organising committees.
2014 Journées sur les Arithmétiques Faibles 33 (JAF33), June 16–18 2014, Gothenburg, Sweden. Member of the local organising committee.

Reviewing

The Review of Symbolic Logic, The Bulletin of Symbolic Logic, FroCoS 2019, Studies in Computational Intelligence, Philosophical Quarterly.

Departmental and university service

2018–2020 Member of the Steering committee of the Centre for Linguistic Theory and Studies in Probability, Dept. of Philosophy, Linguistics and Theory of Science, University of Gothenburg.
2009–2012 Substitute member of the Department board at the Department of Philosophy, Linguistics and Theory of Science, University of Gothenburg.
2008 Member of the Doctoral student council for the humanities (HDR), Faculty of Arts, University of Gothenburg.

SCHOLARSHIPS AND AWARDS

2017 **Bertil Settergrens fond**
Scholarship awarded to former students of Hvitfeldtska gymnasiet
2016 **Stiftelsen Paul och Marie Berghaus donationsfond**
Travel grant, JAF35, Lisbon, Portugal
2015 **Stiftelsen Paul och Marie Berghaus donationsfond**
Doctoral scholarship
2015 **Stiftelsen Henrik Ahrenbergs studiefond**
Travel grant, Logic Colloquium 2015, Helsinki, Finland
2014 **Adlerbertska stipendiestiftelsen**
Doctoral scholarship
2014 **Stiftelsen Paul och Marie Berghaus donationsfond**
Travel grant, Scandinavian Logic Symposium 2014, Tampere, Finland

2013–2014	Kungliga och Hvitfeldtska stiftelsen Doctoral scholarship, 1 year
2008–2011	Anna Ahrenbergs fond för vetenskapliga m.fl. ändamål Doctoral scholarship, 4 years
2008	Adlerbertska stipendiestiftelsen Travel grant, Foundations of Mathematics 2009, New York, USA
2006	Adlerbertska Studentbostadsstiftelsen Undergraduate scholarship
2004	Adlerbertska Studentbostadsstiftelsen Undergraduate scholarship

CONFERENCE PRESENTATIONS (NOT IN PROCEEDINGS)

2016	“A characterisation of Π_1 -conservativity over $\text{I}\Sigma_1$ ”, Journées sur les Arithmétiques Faibles 35, 6–7 June, Lisbon, Portugal.
2015	“Flexibility and Π_1 -conservativity”, Bristol-Gothenburg-Oxford Logic and Set Theory Postgraduate Student Day, 22 April, Bristol, UK.
2014	“Flexible formulae of arithmetic”, Journées sur les Arithmétiques Faibles 33, 16–18 June, Gothenburg, Sweden.
2011	“Fixpunktmängder” (In Swedish), Filosofidagarna 2011, Gothenburg, Sweden.
2010	“Sets of fixed points”, Sino-European Winter School in Logic, Language and Computation, Sun Yat-Sen University, Guangzhou, China, Dec. 3–18.

OTHER PRESENTATIONS

2019	“Löb’s theorem”, Colloquium in Logic, University of Gothenburg, 28 March.
2018	“A Compositional Bayesian Semantics for Natural Language”, CLASP research profile seminar, University of Gothenburg, 3 October.
2018	“Hierarchical incompleteness and arithmetically definable fragments of arithmetic”, Logic seminar, University of Gothenburg, 8 February.
2017	“Rough Sets and Degree Modifiers”, CLASP research profile seminar, University of Gothenburg, 13 December.
2015	“Illusory models of Peano arithmetic”, Logic seminar, University of Gothenburg, 11 November.
2014	“Formulae expressing the same property”, Logic seminar, University of Gothenburg, 21 March.
2013	“Flexible formulae in arithmetic”, Logic seminar, University of Gothenburg, 29 November.
2009	“Some remarks on Reverse Mathematics as a partial realization of Hilbert’s program”, Logic seminar, University of Gothenburg, 25 September.
2008	“Non-standard proofs, a survey”, Logic seminar, University of Gothenburg, 3 November.
2006	“On Rosser sentences and proof predicates”, Logic seminar, University of Gothenburg, 1 September.
2005	“Fixed points and equivalence of Rosser sentences”, Logic seminar, University of Gothenburg, 2 December.

Updated 26 August 2020