

Reinhard Muskens

Full name: Reinhard Anton Muskens
Permanent position: Associate Professor of Logic and Language
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Education

30 September 1983 Doctoraalexamen in Philosophy (cum laude).
16 November 1989 PhD in Philosophy. Promotor: Prof. Dr J.F.A.K. van Benthem. Co-promotor: Prof. Dr D. de Jongh. Title of Dissertation: Meaning and Partiality

Career

Current position since 01/01/2006	Universitair Hoofddocent (Associate Professor), Department of Philosophy, Tilburg University
04/01/1991 – 12/31/2005	Universitair Hoofddocent (Associate Professor), Linguistics Department, Tilburg University
09/01/1988 – 03/31/1991	Universitair Docent (Assistant Professor), Linguistics Department, Tilburg University
03/01/1985 – 08/31/1988	NWO onderzoekmedewerker, Philosophy and Mathematics Departments, University of Amsterdam
10/01/1983 – 09/30/1984	Wetenschappelijk Ambtenaar, Philosophy Department, University of Amsterdam

Visiting Professorships

12/01/2006 – 05/31/2007	Chercheur, Centre National de la Recherche Scientifique, LaBRI, Bordeaux
01/01/2000 – 06/30/2000	Visiting Associate Professor, Department of Linguistics, Stanford University
10/01/1998 – 01/31/1999	Gastprofessor, Institut für Maschinelle Sprachverarbeitung, Stuttgart
09/01/1996 – 08/31/1997	Visitor, Computerlinguistik, Universität des Saarlandes, Saarbrücken

Shorter Visits

04/24/2017 – 05/22/2017	Visiteur, Université de Montpellier, Montpellier
01/22/2007 – 02/02/2007	Visitor, National Institute of Informatics, Tokyo
06/30/2006 – 07/29/2006	Prof. invité, Projet Calligramme, INRIA-Lorraine, Nancy
06/08/2006 – 06/19/2006	Visitor, Technion, Haifa
11/09/2005 – 11/30/2005	Visitor, Universitat Politècnica de Catalunya, Barcelona
02/14/2005 – 02/24/2005	Visitor, National Institute of Informatics, Tokyo
06/01/1999 – 06/30/1999	Visitor, Institut für Linguistik / Allgemeine Sprachwissenschaft, Potsdam

Memberships Research Institutes

- Resident Fellow, Tilburg Center for Logic, Ethics, and Philosophy of Science
- Member, OZSW, Dutch Research School of Philosophy

Languages

Dutch (native), English (fluent), German (fluent), French.

Grants

- Grant from NWO for *A Global Network for Lambda Grammars and Abstract Categorical Grammars* (Internationalisation in the Humanities; 2007–2009; €48,000).
- Grant from NWO for *Towards Logics that Model Natural Reasoning* (Free Competition; 2011–2015; €599,368).
- Grant from NWO for *Natural Logic and Proof-theoretic Semantics* (Internationalisation in the Humanities; 2015–2018; €69,400).

Editorial Activities

- Editor-in-chief of *The Journal of Philosophical Logic*.
- Member Editorial Board of *Semantics and Pragmatics* (since 2015).
- Member Editorial Board of the *Journal of Language Modelling* (2012–2016).
- Member Editorial Board of *Research on Language and Computation* (2006–2011).
- Manuscript referee for *Linguistics and Philosophy*, *The Journal of Symbolic Logic*, *Journal of Semantics*, *Journal of Logic, Language and Information*, *Topoi*, *Artificial Intelligence*, *Journal of Philosophical Logic*, *Research on Language and Computation*, *Studia Logica*, *Synthese*, *Theoretical Computer Science*, *The Review of Symbolic Logic*, *Episteme*, *Logique & Analyse*, *Journal of Linguistics*, *Journal of Language Modelling*.
- Manuscript referee for contributions to books published with CSLI, Kluwer, and Mouton de Gruyter.

Other Professional Activities

- Chair NWO committee for prioritizing proposals to the *Internationalisation in the Humanities* program (2018 round).
- Member NWO committee for prioritizing proposals to the *Veni* program (2014 and 2016 rounds).
- Member NWO committee for prioritizing proposals to the *Free Competition in the Humanities* (December 2011 and December 2012 rounds) and *Cooperation Netherlands-Flanders* programs (December 2011 round).
- Refereeing tasks for NWO, FWO, NSF, and Czech Science Foundation.
- Member Standing Committee Formal Grammar (2013–2018).

- Member Organising Committees and Programme Committees International Workshop on Computational Semantics (IWCS) 1994, 1997, 1999, 2001, 2003, 2005, 2007, 2009.
- Member Program Committee ESSLLI 2000 (Logic & Language section).
- Member Semantics and Pragmatics subcommittee COLING 2000.
- Member Program Committee LACL’2001, Le Croisic, France; Member Program Committee LACL’2011, Montpellier, France; Member Program Committee LACL’2012, Nantes, France; Member Program Committee LACL’2014, Toulouse, France.
- Organizer Workshop on New Directions in Type-theoretic Grammars (NDTTG), ESSLLI, Dublin, 2007.
- Member Programme Committee Amsterdam Colloquium 2007, 2015.
- Organizer 31e Nederlands-Vlaamse Filosofiedag (2009).
- Chair organizing and program committees COCONAT 2011, Tilburg.
- Member program committee COCONAT 2015, Bloomington, Indiana.
- Member Program Committees Third Workshop on Controlled Natural Language (CNL 2012) and Fourth Workshop on Controlled Natural Language (CNL 2014).
- Member Program Committee EACL 2014 Type Theory and Natural Language Semantics Workshop (TTNLS).
- Member Program Committee SALT 24, Semantics and Linguistic Theory 24, 2014.
- Member Program Committee AIMS’2014, 16th International Conference on Artificial Intelligence: Methodology, Systems, Applications.
- Member Program Committee ACL 2017, Semantics track.

Teaching

A long list of courses given is available upon request.

Talks (since 1996)

- *Underspecification and Semantic Representation*, Centre for Cognitive Science, Edinburgh, 21 February 1996.
- *Four-valued Logic, Completeness, and Natural Language Interpretation*, Centre for Mathematics and Computer Science (CWI), Amsterdam, 6 June, 1996.

- *Underspecification, Anaphora, and Reasoning*, Workshop ‘Reference and Anaphoric Relations’, Universität Konstanz, 13 June, 1996.
- *Some Observations on Partial and Paraconsistent Predicate Logics*, Logica’96, Liblice, Czech Republic, June 1996.
- *Underspecification and Linguistic Information*, Universität Tübingen, September 1996.
- *Underspecification and Linguistic Information*, Universität des Saarlandes, 18 October 1996.
- *Underspecification and Linguistic Information*, Workshop ‘From Underspecification to Interpretation’, Humboldt Universität zu Berlin, 31 October–2 November 1996.
- *Über Sinn und Bedeutung der sogenannten logischen Wörter*, Sinn und Bedeutung, December 1996.
- *The Dynamics of Discourse Situations*, Amsterdam Colloquium, Amsterdam, December, 1997. With Massimo Poesio.
- *Sequent Calculi and Free Variable Tableaux for Non-bivalent Logics*, Tableaux’98, Oisterwijk, The Netherlands, 8 May 1998.
- *Talking about Trees and Truth-conditions*, Workshop on Models of Underspecification and the Representation of Meaning, Bad Teinach, Germany, 18–22 May 1998.
- *Description Theory, LTAGs, and Underspecified Semantics*, Fourth International Workshop on Tree Adjoining Grammars and Related Frameworks, IRCS, Philadelphia, 1 July, 1998. With Emiel Krahmer.
- *Changing Situations*, Workshop in Villa Lanna, Prague, September 1998.
- *Description Theory and Underspecified Semantics*, Universität Stuttgart, 18 November 1998.
- *Talking about Trees and Truth-conditions*, Universität Potsdam, 10 June 1999.
- *Talking about Trees and Anaphora*, Universität Potsdam, 15 June 1999.
- *Language, Lambdas, and Logic*, Formal Grammar’99, Utrecht University, 8 August 1999.
- *Linguistic Underspecification through Logical Description*, 11th International Congress of Logic, Methodology and Philosophy of Science, 21 August 1999, Cracow Poland.
- *Underspecification in Syntax and Semantics*, University College Dublin, 19 November 1999.
- *Underspecification in Syntax, Semantics, and Discourse*, Philosophy Department, University of Amsterdam, 26 November 1999.

- *On Natural Logic*, Semantics Fest, Center for the Study of Language and Information, Stanford CA, 10 March 2000.
- *Talking about Trees and Truth-conditions*, Xerox Palo Alto Research Center, 7 April 2000.
- *Categorial Grammar and Lexical-Functional Grammar*, 9th Workshop on Logic, Language, and Computation, Center for the Study of Language and Information, Stanford CA, 28 May 2000.
- *Talking about Trees and Truth-conditions*, Universität Konstanz, 5 December 2000.
- *Combining Signs*, University of Edinburgh, 2 March 2001.
- *Combining Signs*, Philosophy Department, Nijmegen University, 6 March 2001.
- *Combining Signs*, Philosophy Department, University of Amsterdam, 15 June 2001.
- *Combining Signs*, Logica 2001, Czech Republic, 19 June 2001.
- *Categorial Grammar and Lexical-Functional Grammar*, LFG 2001 Conference, Hong Kong University, Hong Kong, 26 June 2001.
- *Über Sinn ohne Bedeutung*, Sinn und Bedeutung IV, Osnabrück, Germany, 8 October 2001.
- *Lambda Grammars and the Syntax-Semantics Interface*, Amsterdam Colloquium, 18 December 2001.
- *Lambda Grammars*, Utrecht University, 31 May 2002.
- *The Sense of the Liar*, Sinn und Bedeutung, Konstanz, Germany, 3 October 2002.
- *Construction by Description in Discourse Representation*, Sinn und Bedeutung, Konstanz, Germany, 5 October 2002. With Noor van Leusen.
- *Logical Forms Denote Algorithms*, Utrecht University, 12 February 2003.
- *Lambda Grammars*, Prospects and Advances in the Syntax/Semantics Interface, Nancy, France, 20 October 2003.
- *Higher Order Modal Logic*, Handbook of Modal Logic Meeting, University of Amsterdam, 10 March 2004.
- *Separating Syntax and Combinatorics in Categorial Grammar*, Categorial Grammars 2004, Montpellier, France, 7 June 2004.
- *Sense and the Computation of Reference*, Workshop on Names, Humboldt Universität, Berlin, 10 September 2004.
- *Sense and the Computation of Reference*, Philosophy Department, Nijmegen University, 19 October 2004.

- *Separating Syntax and Combinatorics in Categorical Grammar*, Workshop on Lambda Calculus and Formal Grammar, National Institute of Informatics, Tokyo, Japan, 18 February 2005.
- *Lambda Grammars and Hyperintensionality*, Workshop on Lambda Calculus and Formal Grammar, National Institute of Informatics, Tokyo, Japan, 18 February 2005.
- *Lambdas and Language*, University of Essex, 16 May 2005.
- *Tectogrammatics, Phenogrammatics and the Architecture of the Grammar*, Workshop Foundations of Natural Language Grammar, ESS-LLI05, Edinburgh, 17 August 2005.
- *Intensional Models for the Theory of Types*, Workshop on Lambda Calculus, Type Theory, and Natural Language, London, 12 September 2005.
- *Hyperintensionality and Grammar Architecture*, Workshop on Types, Logic and Grammar, Barcelona, Spain, 18 November 2005.
- *Synonymy, Common Knowledge, and the Social Construction of Meaning*, Fifteenth Amsterdam Colloquium, Amsterdam, 21 December 2005.
- *Abstract Syntax, Concrete Syntax, Semantics, and Natural Language*, Workshop on Logic and Linguistics, Geocal06, Marseille, France, 14 February 2006.
- *Lambda Grammars and Intensionality*, Workshop on Logic and Linguistics, Utrecht University, 17 March 2006.
- *Meaning as Algorithm and Meaning as a Social Construct*, Journées de Sémantique et Modélisation, Bordeaux, France, 30 March 2006.
- *From Form to Reference: The Dynamics of Interpretation*, Workshop on Dynamic Semantics and Philosophy, Oslo, Norway, 16 September 2006.
- *Hyperintensionality in the Theory of Types*, DIP Colloquium, Institute for Logic, Language & Computation, Amsterdam, 20 October 2006.
- *Sense and Reference in Classical Type Theory*, Third Workshop on Lambda Calculus and Formal Grammar, National Institute of Informatics, Tokyo, Japan, 29 January 2007.
- *A Hyperintensional Logic for Natural Language Interpretation*, Journées de Sémantique et Modélisation 2007, Paris, France, 30 March 2007.
- *New Directions in Type-theoretic Grammars*, Workshop on New Directions in Type-theoretic Grammars 2007, Dublin, Ireland, 6 August 2007.
- *English as a Formal System*, Fourth Workshop on Lambda Calculus and Formal Grammar, Nancy, France, 18 September 2007.
- *A Gentzen Calculus for Natural Logic*, Workshop Deduction in Seman-

- tics, Institut für Maschinelle Sprachverarbeitung, Stuttgart, Germany, 12 October 2007.
- *The Social Construction of Meaning and the Theory of Types*, Fifth Workshop on Lambda Calculus and Formal Grammar, National Institute of Informatics, Tokyo, Japan, 24 March 2008.
 - *Lambda Terms as Linguistic Representations*, Sixth Workshop on Lambda Calculus and Formal Grammar, Technion, Haifa, Israel, 15 October 2008.
 - *Natural Language, Natural Logic, and Natural Reasoning*, Zentrum für Allgemeine Sprachwissenschaft, Berlin, 19 October 2009.
 - *Tableaus for Natural Logic*, Logic and Engineering of Natural Language Semantics 6 (LENLS VI), Tokyo, Japan, 20 November 2009.
 - *A Tableau System for Natural Logic*, 17th Amsterdam Colloquium, Amsterdam, 17 December 2009.
 - *Analytic Tableaus for Natural Logic*, Journées Sémantique et Modélisation 2010 (JSM’10), Nancy, France, 25 March 2010.
 - *Natural Logic and Direct Inference on Abstract Terms*, Mini-Workshop on Categorical Grammar, Barcelona, 28 July 2010.
 - *Natural Logic and Proof-theoretic Semantics*, Semantics & Pragmatics Colloquium, Nijmegen, 22 February 2011.
 - *A Program for Natural Logic*, Séminaire Signes, Bordeaux, France, 23 March 2011.
 - *A Tableau System for Natural Logic and Natural Reasoning*, Workshop on Natural Logic, Proof Theory, and Computational Semantics, Stanford, CA, 9 April 2011.
 - *Events, Times, Worlds, Roles, Linking, and Variable Management*, DIP Colloquium, Amsterdam, 11 November 2011 (with Noor van Leusen).
 - *A Theory of Names and True Intensionality*, 18th Amsterdam Colloquium, Amsterdam, 21 December 2011.
 - *Events, Times, Worlds, Roles, and Linking*, Workshop on Properties and Optionality in Syntax and Semantics, Utrecht, 14 February 2012 (with Noor van Leusen).
 - *Natural Logic and Proof-theoretic Semantics*, Computational Linguistics Colloquium, University of Düsseldorf, 24 May 2012.
 - *Interpretation as Model Search*, 17th Conference on Formal Grammar, Opole, Poland, 11 August 2012.
 - *Natural Logic and Tableau Theorem Proving*, 15th International Conference on Artificial Intelligence: Methodology, Systems, Applications; Varna, Bulgaria, 12-15 September 2012.

- *Reasoning, Meaning, and Model Search*, Gothenburg Philosophy Department, 19 October 2012 (Trial Lecture).
- *Names*, Workshop on the Logic of the Lexicon, Toulouse, France, 30 January 2013.
- *Frame Semantics and Phrasal Semantics*, Gothenburg Linguistics Department, 17 April 2014.
- *Frame Semantics and Phrasal Semantics*, Düsseldorf, 6 June 2014.
- *Combining Frame Semantics and Phrasal Semantics*, LACL, Toulouse, 19 June 2014.
- *Phrasal Semantics and Frame Unification*, Concept Types and Frames 2014, Düsseldorf, 25 August 2014.
- *Calculi for Logics for Thinking Computers and Computer Networks* (Joint work with Stefan Wintein), GroLog colloquium, Groningen, 6 November 2014.
- *A Calculus for Sweet Sixteen* (Joint work with Stefan Wintein), DIP colloquium, Amsterdam, 20 March 2015.
- *The Meaning of Theories and the Theory of Meaning*, The Semantics of Theories, Munich Center for Mathematical Philosophy, 24 June 2016.
- *Context Update for Lambdas and Vectors* (joint work with Mehrnoosh Sadrzadeh), NASSLLI Workshop on Statistical and Logical Models of Meaning (SaLMoM), New Brunswick NJ, 15 July 2016.
- *Interpolation in 16-valued trilattice logics*, Workshop on Proof Theory and Modal Logic, Turin, 2 December 2016.
- *Context Update for Lambdas and Vectors* (joint work with Mehrnoosh Sadrzadeh), Logical Aspects of Computational Linguistics 2016, Nancy, 7 December 2016.
- *Towards Logics of Logical Disagreement*, Workshop on the occasion of Jan van Eijck’s retirement as researcher at CWI and as professor at ILLC, Amsterdam, 2 June 2017.
- *Logic and Linguistics, or, Language As a Puzzle to Be Solved, or, Why Russell Was Wrong*, Conference on Natural and Formal Languages, ETH Zurich, 8 December 2017.
- *Lambdas, Vectors, and Word Meaning in Context* (joint work with Mehrnoosh Sadrzadeh), 21st Amsterdam Colloquium, Amsterdam, 20 December 2017.

Examination

Member PhD committees

- Elias Thijssen, Tilburg University, 1 July 1992.
- Pieter Nieuwint, Tilburg University, 2 November 1992.
- Willem Groeneveld, University of Amsterdam, 23 November 1995.
- Emiel Kraahmer, Tilburg University, 23 November 1995 (co-promotor).
- Andreas Schöter, Edinburgh University, 15 December 1995 (External Examiner).
- René Ahn, Eindhoven University, 22 January 2001.
- Martin Haiden, Tilburg University, 13 September 2004.
- Francien Dechesne, Tilburg University, 21 March 2005.
- Emar Maier, Radboud University Nijmegen, 30 November, 2006.
- Matteo Capelletti, Utrecht University, 9 July, 2007.
- Roser Morante, Tilburg University, 3 December, 2007.
- Jutta Hartmann, Tilburg University, 13 June, 2008.
- Sébastien Hinderer, Université Henri Poincaré, Nancy, 21 October 2008.
- Janneke Huitink, Radboud University Nijmegen, 13 November 2008.
- Mario Fadda, Universitat Politècnica de Catalunya, 27 July 2010.
- Stefan Wintein, Tilburg University, 10 February 2012 (co-promotor).
- Ekaterina Lebedeva, Université de Lorraine, Nancy, 6 April 2012.
- Niki Pfeifer, Tilburg University, 10 September 2012.
- Manzoor Zahid, Tilburg University, 12 December 2012.
- Veronika Hegedüs, Tilburg University, 30 September 2013.
- Harald Bastiaanse, University of Amsterdam, 25 March 2014.
- Jérémy Zehr, Institut Jean Nicod, Ecole Normale Supérieure de Paris, 18 December 2014. (Président du Jury)
- Peter Fritz, Oxford University, 15 May 2015 (External Examiner).
- Dominik Klein, Tilburg University, 22 May 2015.
- Assaf Toledo, Utrecht University, 26 October 2015.
- Lasha Abzianidze, Tilburg University, 20 January 2017 (co-promotor).
- Janine Reinert, Tilburg University, 5 December 2017 (co-promotor).

PhD Students and Postdocs

- Past PhD students:
 - ▷ Emiel Kraahmer (co-supervision with Prof. H. Bunt). Currently is full professor at Tilburg Department of Communication and Information Sciences;
 - ▷ Stefan Wintein (co-supervision with Prof. Dr H. de Swart). Currently is assistant professor at Erasmus University Rotterdam.

- ▷ Lasha Abzianidze. Currently has a postdoc position at Groningen University.
- ▷ Janine Reinert.
- Current PhD Student: Alessandra Marra (with Prof. Alan Thomas).
- Past postdocs: Dr Sara Uckelman, Barbara Tomaszewics, PhD.