

Curriculum vitae

Robin Cooper

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Name: Robin H. Cooper

Current Position: Senior Professor of Computational Linguistics, Department of Philosophy, Linguistics and Theory of Science, University of Gothenburg

Date of Birth: 23rd Dec. 1947

Post-school Education:

B.A. (hons), Modern Languages, 1969 (M.A. awarded 1974), Corpus Christi College, Cambridge

Ph.D., Linguistics, 1975, University of Massachusetts at Amherst

Career

1969–1971 Lektor for English language, University of Freiburg

1971–1973 Teaching Assistant, Linguistics and TEFL Program, University of Massachusetts at Amherst

1973–1975 Research Assistant: natural language semantics, University of Massachusetts at Amherst

1974 Research Assistant: Old High German Phonology, University of Massachusetts at Amherst (summer)

1975–1976 Assistant Professor, Department of Linguistics, University of Texas at Austin

1976–1977 Assistant Professor, Department of Linguistics, University of Massachusetts at Amherst

1977–1981 Assistant Professor, Department of Linguistics, University of Wisconsin, Madison

1981–1987 Associate Professor, Department of Linguistics, University of Wisconsin, Madison.

- 1984–1987** Docent, Department of Linguistics and Phonetics, Lund University
- 1986–1989** Lecturer, Department of Artificial Intelligence and Centre for Cognitive Science, University of Edinburgh
- 1989–1992** Reader, Department of Artificial Intelligence and Centre for Cognitive Science and Principal Investigator, Human Communication Research Centre, University of Edinburgh
- 1992–1996** Reader, Centre for Cognitive Science and Principal Investigator, Human Communication Research Centre, University of Edinburgh
- 1995–2012** Professor of Computational Linguistics, Department of Linguistics (subsequently Department of Philosophy, Linguistics and Theory of Science), University of Gothenburg
- 2001–2012** Director, Swedish National Graduate School of Language Technology (GSLT)

Fellowships and Honours

- 1980–1981** Mellon Fellowship in Linguistics and Philosophy, Stanford University.
- 1981–1982** Fellowship at the Center for Advanced Study in the Behavioral Sciences, Stanford (with support from the Mellon Foundation and Systems Development Foundation and Systems Development Foundation).
- 1986–87** Guggenheim Fellowship, “Situation Semantics and Linguistic Theory” (resident at Edinburgh University with two visits to the Center for the Study of Language and Information, Stanford).
- 1993–** Fellow of the British Academy
- 1996–** Fellow of the Royal Society of Arts and Sciences in Gothenburg
- 2006** Fil.Dr. h.c. (Uppsala)
- 2009–** Member of Academia Europaea

Publications

Books

- 1983** *Quantification and Syntactic Theory*, Reidel Publishing Company.

Books edited

- 1990** ed. with Kuniaki Mukai and John Perry, *Situation Theory and its Applications, Vol. 1*, CSLI Publications, Stanford

2008 Cooper, Robin and Ruth Kempson, eds. (2008) *Language in Flux: Dialogue Coordination, Language Variation, Change and Evolution*, College Publications.

Articles

- 1973** Propositions pour un modèle transformational de description musicale, *Musique en Jeu*, 10, pp. 70-90.
- 1974** Some Morphological Rules for Old High German Weak Verbs. In *Papers in the History and Structure of English: UMass Occasional papers in Linguistics, Vol. 1*, ed. by J. Grimshaw, pp. 101-123.
- 1974** Some Problems for a Higher Cause. In *Papers from the Third Annual Conference on African Linguistics*, ed. by Erhard Voeltz, Indiana University Press.
- 1975** Montague's Semantic Theory of Adverbs and the VSO Hypothesis. *Proceedings of the Fifth Annual Meeting of the North Eastern Linguistic Society*, pp. 225-233, Harvard.
- 1976** Lexical and Non-Lexical Causatives in Bantu. In *Syntax and Semantics, Vol. 6*, ed. by M. Shibatani, pp. 312-24, Academic Press.
- 1976** (with Terence Parsons) Montague Grammar, Generative Semantics and Interpretive Semantics. In *Montague Grammar*, ed. by Barbara Partee, pp. 311-362, Academic Press.
- 1977** Abstract Structure and the Indian Raga System, *Ethnomusicology* XXI.1, pp. 1-32.
- 1977** Review of Richard Montague, *Formal Philosophy: Selected Papers of Richard Montague*, ed. and with an Introduction by Richmond H. Thomason, Yale University Press, 1974, *Language*, 53.4, pp. 895-910.
- 1978** Variable Binding in Relative Clauses. In *Formal Semantics and Pragmatics for Natural Languages*, ed. by F. Guenther and S. Schmidt, pp. 131-169, Reidel Publishing Company.
- 1978** Montague's Theory of Translation and Transformational Syntax. In *Meaning and Translation: Philosophical and Linguistic Approaches*, ed. by F. Guenther and M. Guenther-Reutter, pp. 307-25, Duckworth and Co.
- 1978** (with Emmon Bach) The NP-S Analysis of Relative Clauses and Compositional Semantics, *Linguistics and Philosophy*, 2.1, pp. 145-150.
- 1979** Bach's Passive, Polysynthetic Languages, Temporal Adverbs and Free Deletions. In *Studies presented to Emmon Bach by his students*, ed. by E. Engdahl and M. Stein, pp. 64-75, University of Massachusetts at Amherst.

- 1979** Cooper, Robin (1979) The Interpretation of Pronouns. In *Selections from the Third Groningen Round Table: Syntax and Semantics, Vol. 10*, ed. by F. Heny and H. Schnelle, pp. 61-92, Academic Press.
- 1980** Montague's Syntax. In *Current Approaches to Syntax: Syntax and Semantics, Vol. 13*, ed. by E. Moravcsik and J. Wirth, Academic Press.
- 1981** Barwise, Jon and Robin Cooper (1981) Generalized Quantifiers and Natural Language, *Linguistics and Philosophy*, Vol. 4 No. 2, 159–219. Reprinted in *Philosophy, Language, and Artificial Intelligence* edited by J. Kulas, J. Fetzer and T. Rankin, Kluwer Academic Publishers, 1988. Reprinted in *Formal Semantics: The Essential Readings*, ed. by Paul Portner and Barbara Partee, Blackwell Publishers, 2002. . Reprinted in *Semantics: a Reader*, ed. by Steven Davis and Brendan S. Gillon, Oxford University Press, Oxford, 2004.
- 1982** Binding in Wholewheat* Syntax (*unenriched with inaudibilia). In *The Nature of Syntactic Representation*, ed. by P. Jacobson and G. Pullum, Reidel Publishing Company.
- 1982** (with Richard Larson) The Syntax and Semantics of When-Questions. *Linguistics and Philosophy*, 5.1, pp. 155-169.
- 1983** Review of *Formal Methods in the Study of Language: Parts 1 and 2*, ed. by J. A. G. Groenendijk, T. M. V. Janssen, and M. B. J. Stokhof, Amsterdam, Mathematisch Centrum, 1981, *Language*, Vol. 59, No. 2, pp. 396-402.
- 1984** Cooper, Robin (1984) Svenska nominalfraser och kontext-fri grammatik, *Nordic Journal of Linguistics*, Vol. 7 No. 2, pp. 115-144.
- 1984** Sentence Negation in Situation Semantics, *Papers from the Twentieth Regional Meeting of the Chicago Linguistic Society*, ed. by J. Drogo, V. Mishra and D. Testen, Chicago Linguistic Society.
- 1986** Tense and Discourse Location in Situation Semantics, in *Tense and Aspect in Discourse*, ed. by David Dowty, a special issue of *Linguistics and Philosophy*, Vol. 9, No. 1, pp. 17-36
- 1986** Swedish and the Head-Feature Convention, in *Topics in Scandinavian Syntax*, ed. by Lars Hellan and Kirsti Koch Christensen, Reidel Publishing Company, pp. 31-52
- 1986** Verb Second - Predication or Unification? *Nordic Journal of Linguistics*, Vol. 9, No. 2, pp. 163-180
- 1987** Preliminaries to the Treatment of Generalized Quantifiers in Situation Semantics, in *Generalized Quantifiers: Linguistic and Logical Approaches*, ed. by Peter Gärdenfors, Reidel Publishing Company, pp. 73-91

- 1987** Meaning Representation in Montague Grammar and Situation Semantics, *Computational Intelligence*, 3, pp. 35-44
- 1988** Facts in situation theory: representation, psychology or reality? in *Mental representations: The Interface between language and reality*, ed. by Ruth Kempson, Cambridge University Press, pp. 49-61
- 1990** Information in the early stages of language acquisition, in *Situation Theory and its Applications*, Vol. I, ed. by Robin Cooper, Kuniaki Mukai and John Perry, Center for the Study of Language and Information, pp. 343-354
- 1991** Three lectures on situation theoretic grammar, in *Natural Language Processing, EAIA 90, Proceedings* ed. by Miguel Filgueiras, Luis Damas, Nelma Moreira, Ana Paula Tomás, *Lecture Notes in Artificial Intelligence no 476*, Springer Verlag, Berlin, pp. 101-140.
- 1991** (with Hans Kamp), Negation in Situation Semantics and Discourse Representation Theory, in *Situation Theory and its Applications, Vol. II*, ed. by Jon Barwise, Mark Gawron, Gordon Plotkin and Syun Tutiya, Center for the Study of Language and Information, Stanford, Cal. pp. 311-333
- 1992** A working person's guide to situation theory, in *Semantic Representation and Interpretation* edited by Steffen Leo Hansen and Finn Sørensen, Frederiksberg: Samfundslitteratur.
- 1993** Integrating different information sources in linguistic interpretation, *Proceedings of the 1st International Conference on Linguistics at Chosun University, November 26, 1993*, Foreign Culture Research Institute, Chosun University, Kwangju, Korea
- 1993** Generalized quantifiers and resource situations, in *Situation Theory and its Applications, Vol. 3*, ed. by Peter Aczel, David Israel, Yasuhiro Katagiri and Stanley Peters, Stanford: CSLI
- 1993** (with Jon Barwise) Extended Kamp Notation: a Graphical Notation for Situation Theory, in *Situation Theory and its Applications, Vol. 3*, ed. by Peter Aczel, David Israel, Yasuhiro Katagiri and Stanley Peters, Stanford: CSLI
- 1994** (with David Milward) Incremental Interpretation: Applications, Theory and Relationship to Dynamic Semantics. In *Proceedings of COLING 94*, Kyoto, Japan, 748-754.
- 1996** The Attitudes in Discourse Representation Theory and Situation Semantics, in *Logic, Language and Computation: Vol. 1*, ed. by Jerry Seligman and Dag Westerståhl, CSLI Publications, Stanford, pp. 137-150

- 1996** (with Jonathan Ginzburg) A Compositional Situation Semantics for Attitude Reports, in *Logic, Language and Computation: Vol. 1*, ed. by Jerry Seligman and Dag Westerståhl, CSLI Publications, Stanford, pp. 151–166
- 1996** Cooper, Robin (1996) The Role of Situations in Generalized Quantifiers, in *Handbook of Contemporary Semantic Theory*, ed. by S. Lappin, Blackwell, pp. 65–86.
- 1997** Cooper, Robin (1997) Austinian propositions, Davidsonian events and perception complements, in Ginzburg, Khasidashvili, Levy and Vallduvi (eds.) *The Tbilisi Symposium on Language, Logic and Computation: selected papers*, CSLI Publications, pp. 19–34.
- 1997** Cooper, Robin (1997) Using situations to reason about the interpretation of speech events, in *Proceedings of the Second International Workshop on Computational Semantics*, ed. by H. Bunt, L. Kievit, R. Muskens, M. Verlinden, Department of Computational Linguistics, Tilburg University, pp. 26–38
- 1998** Cooper, Robin (1998) Integrating diverse information resources into dialogue updates, *Proceedings of the Second International Conference on Cooperative Multimodal Communication*, ed. by H. Bunt, R.-J. Beun, T. Borghuis, L. Kievit and M. Verlinden, Tilburg University, pp. 70–82.
- 1998** Cooper, Robin (1998) Mixing Situation Theory and Type Theory to Formalize Information States in Dialogue Exchanges. In *Proceedings of TWLT 13/Twendial '98: Formal Semantics and Pragmatics of Dialogue*, pp. 77–88.
- 1998** Information States, Attitudes and Dialogue, in *Proceedings of the Second Tbilisi Symposium on Language, Logic and Computation*, ed. by R. Cooper and T. Gamkrelidze. Tbilisi University.
- 1998** Information States, Attitudes and Dependent Record Types, in *Proceedings of ITALLC98 (Information theoretic approaches to Logic, Language and Computation)*
- 1999** (with Staffan Larsson) Dialogue Moves and Information States in *Proceedings of the Third International Workshop on Computational Semantics (IWCS-3)*, ed. by H.C. Bunt and E.G.C. Thijsse, Computational Linguistics, Tilburg University, pp.398–400.
- 1999** (with Peter Bohlin, Elisabet Engdahl and Staffan Larsson) Information States and Dialogue Move Engines (9th August, 1999). In Jan Alexandersson (ed.) (1999): *IJCAI-99 Workshop on Knowledge and Reasoning in Practical Dialogue Systems*.

- 1999** Using Situations to Reason about the Interpretation of Speech Events, in *Computing Meaning, Vol. 1*, ed. by Harry Bunt and Reinhard Muskens, Kluwer Academic Publishers, Dordrecht, pp 167–184
- 2000** (with Staffan Larsson, Peter Ljungloef, Elisabet Engdahl and Stina Ericsson) GoDiS – An Accommodating Dialogue System, *Proceedings of Conversational Systems Workshop, ANLP/NAACL 2000*, Association for Computational Linguistics, pp. 7–10.
- 2000** (with Elisabet Engdahl, Staffan Larsson and Stina Ericsson) Accommodating questions and the nature of QUD. In Proceedings of Goetalog2000, ed. by Massimo Poesio and David Traum, pp 57–62
- 2000** Information States, Attitudes and Dependent Record Types, in *Logic, Language and Computation, Volume 3*), ed. by Lawrence Cavedon, Patrick Blackburn, Nick Braisby, and Atsushi Shimojima, CSLI Publications, pp. 85–106
- 2000** (with Staffan Larsson and Elisabet Engdahl) Question Accommodation and Information States in Dialogue, *Proceedings of the Third Workshop in Human-Computer Conversation, Bellagio*, pp. 93–98
- 2000** (with Staffan Larsson) An Information State Approach to Natural Interactive Dialogue, *Proceedings of LREC-2000 workshop on Natural Interactive Dialogue, Athens*, pp. 8–12
- 2001** (with Aarne Ranta) Dialogue Systems as Proof Editors, Proceedings of IJCAR/ICoS-3, Siena, 16pp,
- 2001** Staffan Larsson, Robin Cooper and Stina Ericsson (2001) GoDiS: flexible dialogue in multiple domains, In *Proceedings of the 5th Workshop on Formal Semantics and Pragmatics of Dialogue*, ed. by P. Kühnlein, H. Rieser and H. Zeevat, pp. 263–269
- 2001** Larsson, Staffan, Robin Cooper and Stina Ericsson (2001) menu2dialog *Proceedings of Second Workshop on Knowledge and Reasoning in Practical Dialogue Systems* , Seventeenth International Joint Conference on Artificial Intelligence, ed. by Kristiina Jokinen, pp 41–45.
- 2001** Robin Cooper, Stina Ericsson, Staffan Larsson, Ian Lewin (2001): An information state update approach to collaborative negotiation. In *Proceedings of the 5th Workshop on Formal Semantics and Pragmatics of Dialogue*, ed. by P. Kühnlein, H. Rieser and H. Zeevat, pp. 270–279
- 2001** Ginzburg, Jonathan and Robin Cooper (2001) Resolving Ellipsis in Clarification, *Proceedings of the 39th Annual Meeting of the Association for Computational Linguistics, Toulouse*, pp. 236–243
- 2002** Cooper, Robin and Jonathan Ginzburg (2002) Using dependent record types in clarification ellipsis, *Proceedings of the sixth workshop on the*

- semantics and pragmatics of dialogue*, ed. by Johan Bos, Mary Ellen Foster and Colin Matheson, Edinburgh University, pp 45–52
- 2003** Cooper, Robin (2003) Afterword, *Journal of Logic, Language and Information*, Vol 12, No 3: *Special Issue on Discourse and Information Structure*, pp. 369–74.
- 2003** Cooper, Robin, Stina Ericsson, Staffan Larsson and Ian Lewin (2003) An information state update approach to collaborative negotiation, in *Perspectives on Dialogue in the New Millennium*, ed. by Peter Kühnlein, Hannes Rieser, and Henk Zeevat, John Benjamins, 2003, pp. 271–286.
- 2004** Ginzburg, Jonathan and Robin Cooper (2004) Clarification, Ellipsis, and the Nature of Contextual Updates in Dialogue, *Linguistics and Philosophy*, Vol. 27, No. 3, pp. 297–365.
- 2004** Ranta, Aarne and Robin Cooper (2004) Dialogue Systems as Proof Editors, *Journal of Logic, Language and Information*, Vol. 13, No 2, pp. 225–240.
- 2004** Cooper, Robin (2004) Dynamic generalised quantifiers and hypothetical contexts, In *Ursus Philosophicus*, a festschrift for Björn Haglund, Department of Philosophy, Göteborg University.
- 2005** Cooper, Robin (2005) Records and Record Types in Semantic Theory, *Journal of Logic and Computation*, Vol. 15 No. 2, pp. 99–112.
- 2005** Bringert, Björn, Peter Ljunglöf, Aarne Ranta and Robin Cooper (2005) Multimodal Dialogue System Grammars, *Proceedings of DI-ALOR'05, Ninth Workshop on the Semantics and Pragmatics of Dialogue*.
- 2006** Cooper, Robin (2005) Austinian truth, attitudes and type theory, *Research on Language and Computation*, Vol. 3, pp. 333–362.
- 2006** Cooper, Robin (2006) A record type theoretic account of copredication and dynamic generalized quantification, in *Kvantifikator för en Dag, Essays dedicated to Dag Westerståhl on his sixtieth birthday*, <http://www.phil.gu.se/posters/festskrift3/>.
- 2007** Cooper, Robin (2007) Copredication, dynamic generalized quantification and lexical innovation by coercion, invited talk, *Proceedings of GL2007, Fourth International Workshop on Generative Approaches to the Lexicon*. Available on <http://www.ling.gu.se/~cooper/records/copredinnov.pdf>
- 2008** Cooper, Robin (2008) Type Theory with Records and Unification-based Grammar, in *Logics for Linguistic Structures*, ed. by Hamm, Fritz and Kepser, Stephan, Mouton de Gruyter, Berlin, New York, pp. 9–34

- 2008** Cooper, R. (2008). The Abstract-Concrete Syntax Distinction and Unification in Multilingual Grammar, in *Resourceful Language Technology: Festschrift in Honor of Anna Sågvall Hein*, ed. by Joakim Nivre, Joakim and Mats Dahllöf and Beáta Megyesi, pp. 49–60. Uppsala: Uppsala University
- 2008** Cooper, Robin and Aarne Ranta (2008). Natural Languages as Collections of Resources, in *Language in flux : dialogue coordination, language variation, change and evolution (Communication, Mind, and Language ; 1)* ed. by Robin Cooper and Ruth Kempson, pp. 109–120.
- 2009** Larsson, Staffan and Robin Cooper (2009) Towards a formal view of corrective feedback, in *Proceedings of the Workshop on Cognitive Aspects of Computational Language Acquisition*, EACL.
- 2009** Cooper, Robin and Staffan Larsson (2009). Compositional and ontological semantics in learning from corrective feedback and explicit definition. Edlund et. al. (eds): *Proceedings of DiaHolmia, 2009 Workshop on the Semantics and Pragmatics of Dialogue*.
- 2010** Cooper, Robin and Staffan Larsson (2010) Accommodation and reaccommodation in dialogue, In *Presuppositions and Discourse* ed. by Rainer Bäuerle, Uwe Reyle and Thomas Ede Zimmermann, Emerald Group Publishing, pp. 101–124.
- 2010** Cooper, Robin (2010) Frames in formal semantics, in *IceTAL 2010*, ed. by H. Loftsson, E. Rögnvaldsson and S. Helgadóttir, Springer Verlag.
- 2010** Cooper, Robin (2010) Generalized quantifiers and clarification content, in *Aspects of Semantics and Pragmatics of Dialogue. SemDial 2010, 14th Workshop on the Semantics and Pragmatics of Dialogue*, ed. by P. Łupkowski and M. Purver, Polish Society for Cognitive Science.
- 2011** Cooper, Robin (2011) Copredication, Quantification and Frames, in *Logical Aspects of Computational Linguistics: 6th International Conference, LACL 2011*, ed. by Sylvain Pogodalla and Jean-Philippe Prost, Lecture Notes in Artificial Intelligence, No. 6736, Springer.
- 2011** Breitholtz, Ellen and Robin Cooper (2011) Enthymemes as Rhetorical Resources, in *SemDial 2011 (Los Angeles): Proceedings of the 15th Workshop on the Semantics and Pragmatics of Dialogue*, ed. by Ron Artstein, Mark Core, David DeVault, Kallirroi Georgila, Elsi Kaiser and Amanda Stent, Institute for Creative Technologies, University of Southern California.

- 2011** Dobnik, Simon, Staffan Larsson and Robin Cooper (2011). From situated descriptions of spatial scenes to situated dialogue, *Proceedings of V&L NET workshop on vision and language*.
- 2011** Dobnik, Simon, Staffan Larsson and Robin Cooper (2011). Toward perceptually grounded formal semantics, *Workshop on Integrating Language and Vision on 16 December 2011 at NIPS 2011 (Neural Information Processing Systems)*, Sierra Nevada, Spain.
- 2011** Fernández, Raquel, Staffan Larsson, Robin Cooper, Jonathan Ginzburg and David Schlangen (2011) Reciprocal Learning via Dialogue Interaction: Challenges and Prospects, *Proceedings of the IJCAI 2011 Workshop on Agents Learning Interactively from Human Teachers (AL-IHT)*, Barcelona, Catalonia, Spain.
- 2011** Cooper, Robin and Jonathan Ginzburg (2011) Negation in Dialogue, in *SemDial 2011 (Los Angeles): Proceedings of the 15th Workshop on the Semantics and Pragmatics of Dialogue*, ed. by Ron Artstein, Mark Core, David DeVault, Kallirroi Georgila, Elsi Kaiser and Amanda Stent, Institute for Creative Technologies, University of Southern California.
- 2011** Cooper, Robin and Jonathan Ginzburg (2011) Negative inquisitiveness and alternatives-based negation, *Pre-proceedings of the Amsterdam Colloquium*.
- 2012** Cooper, Robin (2012) Review of *Computational Semantics with Functional Programming* by Jan van Eijck and Christina Unger, *Computational Linguistics*, Vol. 38, No. 2.
- 2012** Cooper, Robin (2012) Type Theory and Semantics in Flux, in *Handbook of Philosophy of Science, Volume 14, Philosophy of Linguistics*, ed. by Ruth Kempson, Tim Fernando and Nicholas Asher, Elsevier.
- 2012** Cooper, Robin and Jonathan Ginzburg (2012) Negative inquisitiveness and alternatives-based negation, *Logic, Language and Meaning: 18th Amsterdam Colloquium, Amsterdam, The Netherlands, December 19-21, 2011, Revised Selected Papers*, ed. by Maria Aloni, Vadim Kimmelman, Floris Roelofsen, Galit W. Sassoon, Katrin Schulz and Matthijs Westera, Lecture Notes in Computer Science, Volume 7218, Springer, pp 32–41
- 2012** Cooper, Robin (2012) Intensional quantifiers, in *Theories of Everything: In Honor of Ed Keenan*, ed. by Thomas Graf, Denis Paperno, Anna Szabolcsi and Jos Tellings, UCLA Working Papers in Linguistics, Vol. 17, pp. 69–71
- 2013** Cooper, Robin (2013) Clarification and Generalized Quantifiers, *Dialogue and Discourse*, Vol. 4, No. 1, pp. 1–25, doi: 10.5087/dad.2013.101