

Curriculum Vitae

Kees van Deemter

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1. Education and employment

1975-1978: University of Leiden, The Netherlands. Philosophy and Theoretical Linguistics. *Kandidaatsexamen* (equivalent to B.A.) (*cum laude*).

1978-1984: University of Amsterdam, Institute for Language, Logic and Information. *Doctoraalexamen* (equivalent to M.A.) (*cum laude*). Published M.A. thesis on logical aspects of Generalised Quantifiers.

1981-1984: Teaching Assistant, University of Amsterdam, Institute for Language, Logic and Information.

1984-1992: Research scientist at Philips Electronics' *NatLab*, working at the Institute for Perception Research (IPO), an institute jointly governed between Philips and the University of Eindhoven. Based in the *Cognition and Communication* research group.

Sept.-Nov.1984: Full-time Software Development Course (CSO) at Philips Telecommunications, Hilversum.

1991: Ph.D., University of Amsterdam, *On the Composition of Meaning: Four Variations on the Theme of Compositionality in Natural Language Processing*. Thesis supervisor: Johan van Benthem.

1992-1993: Postdoctoral Fellow, Stanford University, Center for the Study of Language and Information (CSLI). Supported by a TALENT grant from the Netherlands Organization for Scientific Research (NWO).

1993-1997: Resumed work at Philips; first at IPO, then (from Jan. 1997) at the NatLab's *Networked Multimedia Applications* group.

1997 - 2004: Information Technology Research Institute (ITRI), University of Brighton, first as Senior Research Fellow (1997-1999), then as Principal Research Fellow (permanent position, equivalent to Reader).

2004 - present: Reader, Computing Science Department, University of Aberdeen.

2. Research interests (past and present)

I take a keen interest in the central questions of cognitive science and AI, with particular expertise in language generation and computational semantics. Recurring themes in my work are indeterminacy of meaning (e.g., ambiguity and vagueness) and the role of linguistic and situational context. One of the phenomena I have studied most deeply is reference, employing an interdisciplinary perspective that combines algorithms, Knowledge Representation and psycholinguistic experimentation. I enjoy communicating my work to a broad audience, for instance to postgraduate students abroad (e.g. organising the HIT summer school in China), and to people outside academia (e.g., with my book “Not Exactly: in Praise of Vagueness”).

• Natural Language Generation (NLG)

- Response generation and dialogue handling.
(SPICOS project, with J.de Vet and others, at Philips before 1990)
- Generation of help feedback for novice users of complex audio equipment.
(SPEACOP project, Philips, with J.Gerrissen and H.Kemp, 1990-1992)
- Wide-coverage generation algorithms
(TUNA and COGENT projects, Brighton and Aberdeen with S.Varges, A.Gatt, and I.van der Sluis, 2003-ongoing).
- Modelling human behaviour in the production of referring expressions
(PhD projects of A.Gatt, M.Mitchell, and R.Kutlak, 2003-ongoing).
- Optimising the utility of referring expressions
(with I.Paraboni and J.Masthoff; I.Khan and G.Ritchie; M.Green; 2002-ongoing)
- Connecting NLG and Knowledge Representation
(Aberdeen, with M.Croitoru, Y. Ren, and J.Pan, 2008-ongoing)

• Multimodality (speech and graphics)

- Concept-to-speech generation, e.g., algorithms for locating pitch accents.
(DYD project, Philips Electronics, w. J.Odijk and others; Stanford University; 1992-1996)
- Interactive authoring of text+pictures documents, based on a logical interlingua.
(ILLUSTRATE system, WYSIWYM project, Brighton, with R.Power, 1998-2003)
- Controlling the behaviour of embodied conversational agents.
(NECA project, Brighton and Aberdeen, with P.Piwiek, 2001-2005)

• Semantics of Natural Language

- Generalizations of anaphora in Discourse Representation Theory
(Amsterdam, Philips, with E.Krahmer; Stanford; 1989-1993)
- Logics for ambiguity and underspecification
(Amsterdam, with J.van Benthem; Philips, Stanford, with S.Peters; Brighton; 1989-1994)
- Formal models of vagueness
(Amsterdam, Stanford, 1989-93; Aberdeen. Psych. experiments w. M. Green, 2008-10)
- Computing coreference
Brighton, w. R.Power (WYSIWYM, 1997-98) and R.Kibble (GNOME, 1999-2000)

3. Teaching and supervision

i. Undergraduate teaching and supervision

- As a teaching assistant, University of Amsterdam: I taught
 - Montague Grammar (with Martin Stokhof).
 - Capita Selecta Philosophy of Language (with Renate Bartsch).
 - ‘The Concept of Analyticity’.
 - Research lecture series (4 lectures) on Generalized Quantifiers.
- At the University of Eindhoven: supervision of six graduation projects on Dialogue Systems.
- At the University of Brighton:
 - Over-all responsibility for teaching at ITRI (2000-2003).
 - Topics In Language Technology; module leader and lecturer (2001, 2002, 2004).
- At the University of Aberdeen:
 - CS4018, Models of Computing: section on Computability and Complexity (2004).
 - CS3511, Discrete Methods (2004-2008).
 - CS1012, Foundations of Computing I: section on Artificial Intelligence (2005, 2006).
 - CS1512, Foundations of Computing II: sections on Statistics and Logic (2006).
 - CS4026, Formal Models of Computation (2007,2008).
 - CS3518, Formal Languages and Computability (2009).
 - CS4025 Natural Language Processing (2009,2010)
 - CS5057 Natural Language Processing (2009,2010)
 - *Work placement coordinator* for Computing Science (Sept. 2006 - 2010).

ii. Postgraduate teaching and supervision

- Teaching and course development at University of Eindhoven’s Graduate School “Perception and Technology” (1994-1997):
 - Core curriculum (4 lectures) Logic and Formal Languages
 - Module (12 lectures) on Discourse Representation Theory
 - Module (12 lectures) on Formal Theories of Context.
- Teaching and course development at University of Brighton:
 - Pragmatics of Communication, co-taught with Paul Piwek in the MA Information and Communication Spring 2002, Spring 2003, Jan 2004 (intensive 1-week module).
 - Member of development team, MSc ‘Lexical Computing’.
 - Member of development team, MA ‘Information and Communication’.
- Teaching and development for international postgraduate summer/winter schools:
 - European Summer School Logic Language and Information, ESSLI-2002 Introductory-level course “Formal Aspects of Natural Language Generation”, with Matthew Stone (Rutgers University, USA) Summer 2002. (5 lectures)
 - ESSLI-2004 Foundational-level course ”Vagueness: facts, models and programs”. (5 lectures)
 - LOT Winter School, University of Tilburg. Course on ”Generation of Referring Expressions: the State of the Art”. (5 lectures, Jan. 2008). For details, see <http://www.csd.abdn.ac.uk/kvdeemte/LOT-2008/>.
 - HIT-MSRA Summer School, Harbin Institute for Technology (2008). Course on “Vagueness: a problem for AI”. For details, see <http://www.csd.abdn.ac.uk/kvdeemte/Harbin/>.
 - HIT-MSRA Summer School, Harbin Institute for Technology (2010). Course on “Generation of Referring Expressions”.
 - Sino-European winter school in Logic, Language and Computation (SELLC), Sun Yat-Sen University, Guangzhou, (2010), “Generation of referring expressions in natural language”.
 - HIT-MSRA Summer School, Harbin Institute for Technology (2011). Course on “Generation of Referring Expressions”.

- **Ph.D. supervision**

Ivandre Paraboni, “Reference in Hierarchical Domains” (graduated July 2003). (Principal supervisor)
Albert Gatt, “Generating Coherent References to Multiple Entities” (grad. July 2007). (1st supervisor)
Imtiaz Hussain Khan, “Managing ambiguity in NLG” (grad. April 2010). (1st supervisor)
Margaret Mitchell, “Natural reference to objects in visual scenes”, started Sept. 2009. (Principal supervisor)
Roman Kutlak, “Scaling up generation of referring expressions”, started Sept. 2009. (2nd supervisor.)
Yuan Ren, “Efficient pattern-based reasoning for expressive ontologies”, started Sept 2009. (2nd supervisor.)
Silvia Pareti, Univ. Edinburgh, “Attribution”. (SICSA supervisor, with Bonnie Webber.)

- **Postdoctoral supervision:**

Paul Piwek (2001-2004). Dialogue generation for Embodied Conversational Agents. (NECA Project, Brighton.)
Anja Belz (2003). Emotion detection in corpora. (NECA Project, Brighton.)
Sebastian Varges (2003-2004). Generation of referring expressions. (TUNA project, Brighton.)
Ielka van der Sluis (2004-2007). Generation of referring expressions. (TUNA, Aberdeen.)
Matt Green (2010-2012). Utility of vague expressions, a psycholinguistic study. (Platform Grant, Aberdeen.)
Bernadet Jager (2011-2012) Utility of vague expressions, a psycholinguistic study. (Platform Grant, Aberdeen.)

- **Ph.D. Examination:**

External Examiner (‘leescommissie’), Paul Piwek, “Logic, Information, and Conversation”, Univ. of Eindhoven, 1998.
External Examiner, Sergio Santana, “The Generation of Coordinated Natural Language and Graphics Explanations”, Univ. of Salford, UK, 1998.
External Examiner, Daqing He, “Reference to Graphical Objects in Interactive Multimodal Queries”, Univ. of Edinburgh, UK, August 2000.
External Examiner Mariët Theune, “From Data to Speech: Language Generation in Context”, University of Eindhoven, Dec. 2001.
Internal Examiner, Fernando Molina, “Reasoning with Extended Venn-Peirce Diagrammatic Systems”, Mathematics Department, Univ. of Brighton, May 2001.
External Examiner, Natalia Modjeska, “The resolution of ‘other’-anaphora”, School of Informatics, University of Edinburgh, Aug. 2003.
Internal Examiner, Gemma Stapleton, “Reasoning with Spider Diagrams”, Mathematics Department, Univ. of Brighton, Summer 2004.
Internal Examiner, Helmut Meisel, “Ontology Representation and Reasoning: a Conceptual Level Approach”, Computing Department, Univ. of Aberdeen, Feb. 2005.
Internal Examiner, Nir Oren, “An argumentation framework supporting evidential reasoning with applications to contract monitoring”, Computing Department, Aberdeen, Sept. 2007.
External Examiner, Johannes Flieger, “Gradable Adjectives and the Semantics of Locatives”, Informatics, University of Edinburgh, Jan 2009.
Internal Examiner, Ross Turner, “Geo-referenced data-to-text”. Computing Science, University of Aberdeen, Aug 2009.
Internal Examiner, Daniele Masato, “Incremental Activity and Plan Recognition for Human Teams”, Dec 2011.

4. Other professional activities.

- **(i) Membership of editorial boards**

Member, Editorial Board, *Computational Linguistics*: 1995-1997.

Member, Editorial Board, *Journal of Semantics*: 2001-2009.

Member, Editorial Board, *Semantics and Pragmatics*: 2007-present.

Member, Editorial Team, *Baltic International Yearbook of Cognition, Logic and Communication*: 2007-present.

Member, Editorial Board, *The Open Applied Linguistics Journal* 2007-present.

Associate Editor, *Topics in Cognitive Science* (TopiCS): 2009-present.

Member, Editorial Review Board, *Journal of Artificial Intelligence Research* (JAIR): Jan. 2012-present

- **(ii) Other reviewing activities**

Member, International Consultation Group, Frameworks for Computational Semantics (FraCaS, 1994-1995).

Member, ACL/SIGSEM Working Group on the Representation of Multimodal Semantic Representation (2003-present).

Panel member 'People and Interactivity', EPSRC, Nov. 2004.

Reviewer for the journals: *Artificial Intelligence*, *Cognitive Science*, *Linguistics and Philosophy*, *Computational Linguistics*, *Journal of Semantics*, *Journal of Language and Computation*, *Eurographics Computer Graphics Forum*, *Journal of Documentation*, *Journal of Artificial Intelligence Research*, *Research on Language and Computation*, *Journal of Philosophical Logic*.

Regular Reviewer for UK research councils (EPSRC, ESRC) and The Leverhulme Trust. Also for the Netherlands Organisation for Scientific Research (NWO) and the Icelandic Research Fund.

- **(iii) Memberships of Program Committees of Conferences**

North American Association for Computational Linguistics (NAACL-2001) conference, Carnegie Mellon University, Pittsburgh, June 2001.

Association for Computational Linguistics (ACL-2001) conference, Toulouse, 2001.

Tenth International Conference on Artificial Intelligence: Methodology, Systems, Applications (AIMSA2002, Varna, Bulgaria, Sept. 2002).

Association for Computational Linguistics (ACL-2003) conference, Sapporo, Japan, 2003.

Int. Joint Conference on Artificial Intelligence (IJCAI-2003) Acapulco, Mexico.

Third International Conference on Natural Language Generation (INLG-2004), Careys Manor, New Forest, UK.

Association for Computational Linguistics (ACL-2004) conference, Barcelona, 2004:
Area chair *Text and Document Generation*

Empirical Methods in Natural Language Processing (EMNLP-2006). Sydney, 2006.

Association for Computational Linguistics (ACL-2007) conference, Prague, 2007:
Area chair *Summarisation and Generation*

Human Language Technologies: Annual Conference of the North American Chapter of the Association for Computational Linguistics (NAACL-HLT 2007), Rochester, NY, 2007.

Fifth International Conference on Natural Language Generation (INLG-2008), Salt Fork, Ohio,

USA, June 2008.

Sixth International Conference on Natural Language Generation (INLG-2010), Dublin, Ireland, 2010.

13th Conference of the European Chapter of the Assoc. for Computational Linguistics. Avignon, France, 2012.

• **(iv) Memberships of other Program Committees:**

Symposium ‘Context in Knowledge Representation and Natural Language’, 1997 Fall Symposium of American Association for Artificial Intelligence (AAAI), Cambridge, Mass.

Workshop on Graphical Reasoning in Expert Systems, Mexico City, March 1998.

Student Session, Association for Computational Linguistics (ACL), Hong Kong Oct. 2000.

Workshop ‘Embodied conversational agents - let’s specify and evaluate them’, in conjunction with First Int. Joint Conf. on Autonomous Agents & Multi-Agent Systems (AAMAS-2002).

Student session, 14th European Summer School in Logic and Linguistics (ESSLI-2002), Trento, Italy, Aug. 2002 (*Area specialist for Language and Computation*).

TAL (Traitement Automatique des Langues), special issue on Linguistic Aspects of the Computational Treatment of Dialog (CFP Oct. 2001).

Fifth International Workshop on Computational Semantics (IWCS-5, Tilburg, The Netherlands), Jan. 2003.

Workshop ‘Embodied conversational characters as Individuals’, in conjunction with Second Int. Joint Conf. on Autonomous Agents & Multi-Agent Systems (AAMAS-2003).

Fourth International Workshop on Inference in Computational Semantics (ICoS-4), Nancy, September 2003.

Reviewer for ‘Sinn und Bedeutung 2004’ (SUB-9), Nijmegen, Nov. 2004

Workshop ‘Knowledge and Reasoning for Answering Questions’ (KRAQ-05, assoc. with IJCAI conference), Edinburgh 2005.

Sixth International Workshop on Computational Semantics (IWCS-6, Tilburg, The Netherlands), Jan. 2005.

Fifth International Workshop on Inference in Computational Semantics (ICoS-5), 2006.

Workshop ‘Ambiguity in Anaphora’, associated with ESSLI-2006, Malaga, Spain.

Workshop ‘Multimodal Output generation’ (MOG 2007); Aberdeen, 25, 26 January 2007.

Seventh International Workshop on Computational Semantics (IWCS-7, Tilburg, The Netherlands), Jan. 2007.

MT Summit XI, Workshop “Using Corpora for Natural Language Generation: Language Generation and Machine Translation”, 11 Sept. 2007, Copenhagen. (UCNLG+MT).

Eighth International Workshop on Computational Semantics (IWCS-8), Tilburg Jan 2009.

12th European Workshop on Natural Language Generation (ENLG 2009), Athens 30-31 March 2009.

International Workshop on Graph Structures for Knowledge Representation and Reasoning, at IJCAI 2009, July 2009, Pasadena, California.

3rd Workshop on Multimodal Output Generation (MOG-2010), Dublin 2010.

Student session, Sino-European winter school Logic, Language and Computation (SELLC), Sun Yat-Sen University, Guangzhou, Dec. 2010.

TEXTINFER 2011, Workshop on Textual Inference. Edinburgh July 2011.

13th European Workshop on Natural Language Generation (ENLG 2011), Nancy, Sept. 2011.

- **(v) Organisation of scientific events**

Workshop on Ambiguity and Underspecification, Stanford, Sept. 1993.

Weekly Semantics Workshop, Stanford University (1992-1993).

Weekly IPO Colloquium series (1994-1996). (With Robbert-Jan Beun)

7th ‘Computational Linguistics In the Netherlands’ meeting (CLIN-7), Eindhoven 1996.

Workshop ‘Generation of Nominal Expressions’, European Summer School in Logic and Linguistics (ESSLLI-1999), Utrecht 1999. (With Rodger Kibble)

Workshop ‘Coherence in Generated Multimedia’, associated with First International Conf. on Natural Language Generation (INLG-2000), Mitzpe Ramon, 2000. (With John Lee, Univ. of Edinburgh)

9th European Workshop on Natural Language Generation (EWNLG-2003), Budapest, April 2003 (associated with EACL-2003 conference; with Ehud Reiter and Helmut Horacek.)

Workshop ‘Computational Treatment of Anaphora’, associated with 11th Conference of the European Chapter of the ACL, (EACL-2003), Budapest, April 2003. (With Robert Dale and Ruslan Mitkov)

Workshop “Generation of Referring Expressions that are optimal for hearers”. Research workshop at The Old Townhouse, University of Aberdeen, 22 June 2007. (With Chris Mellish.)

Workshop “Production of Referring Expressions” (PRE), COGSCI conference, Amsterdam 2009. (With Emiel Krahmer, Albert Gatt, and Roger van Gompel.)

Workshop “Production of Referring Expressions” (PRE), COGSCI conference, Boston 2011. (With Emiel Krahmer, Albert Gatt, and Roger van Gompel.)

HIT-MSRA Summer School, Harbin Institute for Technology (2011) Co-chair (with Tiejun Zhao). I am also a member of the Advisory Committee of the summer school. HIT is the Harbin Institute of Technology. MSRA is Microsoft Research Asia (Beijing).

11th International Symposium on Cognition, Logic and Communication. University of Riga, Latvia, Spring 2015. (Invited Director)

- **(vi) Other**

Chair, IPO’s representative council (’91-’92, ’95-’96).

Organiser, General Colloquium, Philips *NatLab* (’93-’97).

Member, Brighton Faculty Board of Information Technology (1998-2002).

Member, Faculty Research Strategy Committee, Computing Science and Mathematics, University of Brighton, 1998-2002).

Advisor of Studies for Computing Science University of Aberdeen (2008 - present).

Industrial Placement Coordinator for Computing Science, University of Aberdeen (2008-2010).

Postgraduate Coordinator (i.e., PhD Tutor) for Computing Science, University of Aberdeen (2010-2011).

Staff Appraiser, Computing Science, University of Aberdeen (2007-2011).

5. Publications

(i) Books, collections, editorial work

(a) Monographs and PhD Thesis

- van Deemter (1991). *On the Composition of Meaning; Four Variations on the Theme of Compositionality in Natural Language Processing*. Ph.D. Thesis, University of Amsterdam. (iv + 153 pages)
- van Deemter (2010). *Not Exactly: in Praise of Vagueness*. Oxford University Press, Jan. 2010 (xvi + 341 pages). For reviews and background, see <http://www.csd.abdn.ac.uk/~kvdeemte/NotExactly>. Translations are on their way in Arabic (National Center for Translation, Cairo) and Complex Chinese (China Times Publishing Company, Taipei).
- van Deemter (submitted). *Reference: a Study in Computational Linguistics*. Book proposal submitted to MIT Press, June 2010.

(b) Edited collections (commercially published)

- van Deemter and Peters (1996). *Semantic Ambiguity and Underspecification*. (Edited collection of 10 papers.) CSLI Publications, Stanford, Ca. (xxiii + 272 pages).
- van Deemter and Kibble (2002). *Information Sharing: Reference and Presupposition in Language Generation and Interpretation*. (Edited collection of 13 papers) CSLI Publications, Stanford, Ca. (xiii + 414 pages).

(c) Proceedings and Special Issues edited

- Landsbergen, Odijk, van Deemter, and Veldhuijzen van Zanten (Eds.) (1996). *Computational Linguistics in the Netherlands; papers from the seventh CLIN Meeting*. University of Eindhoven. Also at <http://odur.let.rug.nl/vannoord/clin/clin.html>. (v + 224 pages)
- van Deemter and Kibble (Eds.) (1999). *The Generation of Nominal Expressions*. Proceedings of workshop associated with the 11th European Summer School in Logic, Language and Information (ESSLI-1999). University of Utrecht, The Netherlands.
- van Deemter and Lee (Eds.) (2000). *Coherence in Generated Multimedia*. Proceedings of workshop associated with 1st International Conf. on Natural Language Generation (INLG-2000, Mitzpe Ramon, Israel).
- Dale, van Deemter and Mitkov (Eds.) (2003). *Proceedings of the workshop on the Computational Treatment of Anaphora*, associated with EACL-2003 in Budapest. Association for Computational Linguistics, April 2003.
- Reiter, Horacek and van Deemter (Eds.) (2003). *Proceedings of the 9th European Workshop on Natural Language Generation (ENLG-2003)*, associated with EACL-2003 in Budapest. Association for Computational Linguistics, April 2003.
- van Deemter, Reiter and Horacek (Eds.) (2006). Special Issue of *Journal of Language and Computation*, on Formal Issues in Natural Language Generation.
- van Deemter, Gatt, van Gompel, and Krahmer (Eds.) (2009) “Bridging the Gap between Computational and Empirical approaches to Reference”. Proceedings of the 2009 CogSci workshop.
- van Deemter, Gatt, van Gompel, and Krahmer (Eds.) (forthcoming winter 2011-2012). TOPIC of the journal TOPICS in *Cognitive Science*, “Bridging the Gap between Computational and Empirical approaches to Reference”.
- van Deemter, Gatt, van Gompel, and Krahmer (Eds.) (2011) “Bridging the Gap between Computational, Empirical and Theoretical approaches to Reference”. Proceedings of the 2011 CogSci workshop.
- van Gompel, Gatt, Krahmer, and van Deemter (Eds.) Proposal for a Special Issue of the journal *Language and Cognitive Processes*, to focus on reference, has been approved by the journal. Call for Papers to be issued Autumn 2011.

(ii) Journal papers

- van Deemter (1990). “Forward References in Natural Language”. *Journal of Semantics* **7**, pp.281-300.
- van Deemter (1992). “Towards a Generalization of Anaphora”. *Journal of Semantics* **9**, pp.27-51.
- van Deemter (1993). “What’s New? A Semantic Perspective on Sentence Accent”. *Journal of Semantics* **11**, pp.1-31. Also appeared as CSLI Report 93-178, Center for the Study of Language and Information, Stanford.
- van Deemter and Odijk (1997). “Context Modeling and the Generation of Spoken Discourse”. *Speech Communication* **21**, pp.101-121.
- van Deemter (1998). “Domains of Discourse and the Semantics of Ambiguous Utterances: a Reply to Gauker”. *Mind* Vol.**107**, No.426, pp.433-446.
- van Deemter (1998). “A Blackboard theory of Accenting”. *Computer Speech and Language* **12** (3).
- van Deemter (1998). “Ambiguity and Idiosyncratic Interpretation”. *Journal of Semantics* Vol. **15** (1), pp.5-36.
- Krahmer and van Deemter (1998). “On the Interpretation of Anaphoric Noun Phrases: Towards a Full Understanding of Partial Matches”. *Journal of Semantics* Vol. **15** (2), pp. 355-392.
- van Deemter and Kibble (2000). “On Coreferring: Coreference in MUC and Related Annotation Schemes”. *Computational Linguistics* **26** (4), pp. 629-637.
- van Deemter (2002). “Generating Referring Expressions: Boolean Extensions of the Incremental Algorithm” *Computational Linguistics* **28** (1), pp.37-52. March 2002.
- van Deemter and Power (2003). “High-Level Authoring of Illustrated Documents”. *Natural Language Engineering* **9** (2), June 2003.
- van Deemter (2003). *Review* of Gibbon, Mertins, and Moore (Eds.) “Handbook of Multimodal and Spoken Dialogue Systems: Resources, Terminology, and Product Evaluation”. *Journal of Pragmatics*.
- van Deemter (2004). “Towards a Probabilistic Version of Bidirectional OT Syntax and Semantics” In *Journal of Semantics* 21 (3), summer 2004.
- van Deemter, Krahmer and Theune (2005). “Real vs. template-based NLG: a false opposition?” *Computational Linguistics* 31(1).
- Van Deemter (2006). “Generating Referring Expressions that involve gradable properties”. *Computational Linguistics* 32 (2), 2006.
- Van Deemter, Reiter, and Horacek (2006). “Formal Issues in Natural Language Generation.” *Research on Language and Computation* 2006 (Introduction to Special Issue on Natural Language Interpretation).
- Paraboni, Van Deemter and Masthoff (2007). “Generating Referring Expressions: Making Referents Easy to Identity”. In *Computational Linguistics* 33 (2).
- Piwek and Van Deemter (2007). “Generating under Global Constraints: the Case of Scripted Dialogue”. *Research on Language and Computation* **5**(2), pp. 237-263.
- Gatt, A., and Van Deemter, K. (2007). Lexical choice and conceptual perspective in the generation of plural referring expressions. *Journal of Logic, Language and Information* (JoLLI), 16(4): 423-443.
- Van Deemter, Krenn, Piwek, Klesen, Schroeder and Baumann (2008). “Fully Generated Scripted Dialogue for Embodied Agents”. *Artificial Intelligence Journal* 172/10, pp. 1219-1244.
- Van Deemter (2009) “Utility and language generation: the case of vagueness.” *Journal of Philosophical Logic* 38 (6).

- Van Deemter, Gatt, van der Sluis, and Power (to appear). “Generation of Referring Expressions: Assessing the Incremental Algorithm”. Accepted for publication in *Cognitive Science* (to appear winter 2011-2012).
- Khan, van Deemter and Ritchie (to appear) “Managing ambiguity in reference generation: the role of surface structure.” Accepted for publication in *Topics in Cognitive Science*, to appear winter 2011-2012.
- Van Deemter, Gatt, van Gompel, and Krahmer (to appear) “Towards a computational psycholinguistics of reference production”. Accepted for publication in *Topics in Cognitive Science*, to appear winter 2011-2012.
- Krahmer and van Deemter (to appear) “Computational Generation of Referring Expressions: a Survey”. To appear in *Computational Linguistics* **38** (1), Jan. 2012.
- Green, M. and van Deemter, K. (submitted) “Vagueness as Cost Reduction”. Submitted to *Language and Cognitive Processes*, Nov. 2011.

(iii) Refereed chapters in books

- van Deemter (1985). “Generalized Quantifiers: Finite or Infinite”. In Van Benthem and Ter Meulen (eds.), *Generalized Quantifiers in Natural Language*, Foris, Dordrecht/Cinnaminson, pp.147-162.
- van Deemter (1995). “The Sorites Fallacy and the Context-dependence of Vague Predicates”. In Kanazawa, Pinon and de Swart (eds.), *Quantifiers, Deduction, and Context*. CSLI Publications, Stanford, Ca., pp.59-86.
- van Deemter (1996). “Towards a Logic of Ambiguous Expressions”. In van Deemter and Peters (eds.), *Semantic Ambiguity and Underspecification*, CSLI Publications, Stanford, pp.203-237.
- van Deemter and Peters (1996). “Introduction”. In van Deemter and Peters (eds.), *Semantic Ambiguity and Underspecification*, CSLI Publications, pp.xv-xxiii.
- van Deemter (1999). “Contrastive stress, Contrariety, and Focus”. In Bosch and Van der Sandt (eds.), *Focus and Natural Language Processing*, Cambridge University Press.
- van Deemter and Odijk (2000). “Formal and Computational Models of Context for Natural Language Generation”. In P. Bonzon, M. Cavalvanti and R. Nossum (Eds.), *Formal Aspects in Context*, Kluwer, Applied Logic Series no. 20.
- Paraboni and van Deemter (2002). “Towards the Generation of Document-Deictic References”. In van Deemter and Kibble (2002).
- Piwek, Power, Scott, and van Deemter (2005). “Generating Multimedia Presentations: from Plain Text to Screenplay”, O. Stock and M. Zancanara (Eds.) In *Intelligent Multimodal Information Presentation*, Vol.27. Kluwer Publishing, Dordrecht.
- van Deemter and Krahmer (2007). “Graphs and Booleans: on the generation of referring expressions”. In H.Bunt and R.Muskens (Eds.) *Computing Meaning*, Volume 3, p.397-422, Springer, Studies in Linguistics and Philosophy.
- van Deemter (submitted). “The Two Cultures of Logic”. Invited chapter for *On Fuzziness. A Homage to Lotfi A. Zadeh*. Edited by R.Seising, E. Trillas, C. Moraga and S. Termini. Studies in Fuzziness and Soft Computing Vol. 216, Berlin, New York: Springer 2012.
- van Deemter (submitted). “Referability”. Chapter submitted for a book on Natural Language Generation in Interactive Systems, edited by Amanda Stent.

(iv) Patents

- “Architecture of Man-Machine Dialog System: SPICOS”. Patent D087296, prem. depot: 29 Oct. 1987. (Patent related to SPICOS project.)
- “Hard Keys of Soft Display in Multi-Module Device”. Patent N014124, prem. depot: 14 July 1992. (Patent related to SPEACOP project.)
- “Two-Tier Audio Signalization in Appliance”. Patent N014341, prem. depot: 7 Jan. 1993. (Patent related to SPEACOP project.)

(v) Miscellaneous

- Piwek and van Deemter (2000). “Communication with Computers”, *Natuur en Techniek* **68** (11), Nov. 2000. (Popular science.)
- van Deemter, Piwek and Masthoff (2004). Contribution on Human-Computer Interaction to *Natuur en Techniek* science calendar. (Popular science.)
- Piwek and Van Deemter (2006). “Constraint-based natural language generation: a survey.” Technical Report No.2006/03, The Open University, Dept. of Computing.

(vi) Papers in peer-reviewed conference & workshop proceedings

- van Deemter (1990). “Structured Meanings in Computational Linguistics”. In Karlgren (ed.), Proc. of Computational Linguistics (COLING-90) conference, Helsinki, Finland.
- van Deemter (1990). “The Ambiguous Logic of Ambiguity”. In Van der Wouden and Sijtsma (eds.), Proc. of first Computational Linguistics In the Netherlands (CLIN) meeting, Utrecht (pp.17-32).
- van Deemter (1993). “The Role of Ambiguity in the Sorites Fallacy”. In: Dekker and Stokhof (eds.), Proc. of 9th Amsterdam Colloquium (pp.209-227), Amsterdam.
- van Deemter (1994). “Contrastive stress, Contrariety, and Focus”. In Proc. of ‘*Journal of Semantics*’ conference on Focus. Bosch and Van der Sandt (eds.), *Focus and Natural Language Processing*. (pp.39-50).
- van Deemter et al. (1994). van Deemter, Landsbergen, Leermakers, and Odijk. “Generation of Spoken Monologues by means of Templates”. In Proc. 8th Twente Workshop on Language Technology, Enschede.
- van Deemter (1995). “Semantic Vagueness and Context-Dependence”. In Working Notes of the workshop “Formalizing Context”, 1995 Fall Symposium of the American Association for Artificial Intelligence (AAAI-95).
- van Deemter (1996). “Ambiguity and Underspecification: An Overview”. In Proc. of Cognitive Science and Natural Language Processing (CSNLP-96), Dublin, Ireland.
- van Deemter et al. (1996). van Deemter, Landsbergen, Leermakers, and Odijk. “Language and Speech Generation in the DYD system”. In Proc. of SPEAK! workshop, GMD Studies, Darmstadt, Germany.
- van Deemter and Odijk (1997). “Context Modeling for Language and Speech Generation”. In Proc. of International and Interdisciplinary Conference on Modeling and Using Context (CONTEXT-97), Rio de Janeiro, Brazil, pp.75-87.
- van Deemter (1997). “Context Modeling for Speech Generation”. In Proc. of ‘Prospects for Spoken Language Technology’, Colloquium of the Institution of Electrical Engineers (IEE), Savoy Place, London, pp.2/1-2/4.
- van Deemter (1997). “Context Modeling for Language and Speech Generation”, In Proc. of workshop on Interactive Spoken Dialog Systems, ACL 1997, pp.48-52. Madrid.

- Krahmer and van Deemter (1996). “Presuppositions as Anaphors Revisited”. In J. Landsbergen, J. Odijk, K. van Deemter, and G. Veldhuijzen van Zanten (eds.), *Computational Linguistics in the Netherlands 1996*; papers from the seventh CLIN Meeting, pp.85-100.
- Krahmer and van Deemter (1997). “Presuppositions as anaphors: Towards a full understanding of partial matches”. In P. Dekker, J. van der Does, and H. de Hoop (eds.), *De Dag*; Proc. of the Workshop on Definites, pp.81-112.
- van Deemter (1997). “Ambiguity and the principle of idiosyncratic interpretation”. In R. v.d.Sandt, R. Blutner, and M. Bierwisch (eds.) ”From Underspecification to Interpretation”, *Papers from the ASG Workshop, Berlin Oct.31-Nov.2 1996*. Working Papers of the Institute for Logic and Linguistics, IBM Germany, pp.91-111.
- Krahmer and van Deemter (1997). “Partial Matches and the Interpretation of Anaphoric Noun Phrases”. In P. Dekker, M. Stokhof, and Y. Venema (eds.), *Proc. of 11th Amsterdam Colloquium, ILLC, University of Amsterdam*, pp.205-210.
- van Deemter (1998). “Representations for Multimedia Coreference”. In *Proc. of Workshop on Linguistic Coreference*, held in conjunction with the First International Conf. on Language Resources and Evaluation. Granada.
- van Deemter and Power (1998). “Coreference in Knowledge Editing”. In *Proc. of Workshop on The Computational Treatment of Nominals*, held in conjunction with Coling/ACL, Montreal, pp.56-60.
- van Deemter (1998). “Representations for Multimedia Coreference”. In *Proc. of Workshop on Combining AI and Graphics for the Interface of the Future*, held in conjunction with ECAI’98, Brighton, UK, pp.1-9.
- van Deemter (1998). “Retrieving Pictures for Document Generation”. In *Proc. of Fourteenth Workshop on Language Technology (TWLT 14)*, University of Twente, pp.117-128.
- Kibble et al. (1999). Kibble, Power, and van Deemter. “Editing Logically Complex Discourse Meanings”. In *Proc. of Third International Workshop on Computational Semantics (IWCS-99)*, Jan. 1999, Tilburg, The Netherlands, pp.147-162.
- van Deemter (1999). “Document Generation and Picture Retrieval”. In *Proc. of Third International Conference on Visual Information Systems (VISUAL99)*, Amsterdam.
- Paraboni and van Deemter (1999). “Issues for the Generation of Document Deixis”. In E.André et al. (Ed.), *Deixis, Demonstration and Deictic Belief in Multimedia Contexts*, Procs. of workshop associated with the 11th European Summer School in Logic, Language and Information (ESSLI), Utrecht.
- van Deemter and Kibble (1999). “What is coreference, and what should coreference annotation be?”, *ACL workshop on Coreference and its applications*, University of Maryland.
- Poesio et al (1999). Poesio, Henschel, Hitzeman, Kibble, Montague, and van Deemter. “Towards An Annotation Scheme For Noun Phrase Generation”, *Proc. of the EACL Workshop on Linguistically Interpreted Corpora*. Bergen.
- van Deemter and Power (1999). “Inclusion of Picture Sequences in Generated Documents”, in P.Barahona and J.J.Alferes (Eds.), *Procs. of 9th Portuguese Conference on Artificial Intelligence, Évora*. Springer Lecture Notes in Artificial Intelligence.
- van Deemter et al. (1999). van Deemter, Krahmer, and Theune. “Plan-based *vs.* template-based NLG: a false opposition?”, in *Procs. of May I Speak Freely?*, workshop associated with 23rd German Conference on Artificial Intelligence, Bonn.
- Kibble and van Deemter (2000). “Coreference Annotation: Whither?”, in Maria Gavrilidou et al. (Eds), *Procs. of 2nd International Conf. on Language Resources and Evaluation*, Athens.
- van Deemter and Power (2000). “Authoring Multimedia Documents using WYSIWYM Editing”, in *Procs. of COLING-2000 conference*, pp. 222-228.
- van Deemter (2000). “Generating Vague Descriptions”, in *Procs. of First International Conf. on Natural Language Generation (INLG-2000)*, Mitzpe Ramon, Israel.

- van Deemter and Power (2000). “Multimedia Document Authoring using WYSIWYM Editing”, in Procs. of workshop Coherence in Generated Multimedia, associated with First International Conf. on Natural Language Generation (INLG-2000), Mitzpe Ramon.
- van Deemter (2001). “Generating Referring Expressions: Beyond the Incremental Algorithm”, in Procs. of 4th International Conf. on Computational Semantics (IWCS-4), Tilburg.
- van Deemter and Halldórsson (2001). “Logical Form Equivalence: the Case of Referring Expressions Generation”. In Procs. of 8th European Workshop on Natural Language Generation (EWNLG-2001), associated with ACL-2001, Toulouse.
- Cahill et al. (2001). Cahill, Carroll, Evans, Paiva, Power, Scott, and van Deemter. “From RAGS to RICHES: exploiting the potential of a flexible generation architecture”. In Procs. of ACL-2001, Toulouse.
- Paraboni and van Deemter (2002). “Generating Easy References: the Case of Document Deixis”. In Proceedings of Second International Conference on Natural Language Generation (INLG-2002), New York, July 2002.
- Krenn et al. (2002). Krenn B., Grice M., Piwek P., Schroeder, Klesen M., Baumann S., Pirker H., van Deemter K., Gstrein E.: “Generation of Multi-modal Dialogue for Net Environment”, In Proceedings of KONVENS-02, 30 September - 2 October 2002, Saarbrücken, Germany.
- Piwek, P. and K. van Deemter (2002). “Towards Automated Generation of Scripted Dialogue: Some Time-Honoured Strategies.” In: Bos, J., M. Foster and C. Matheson, Proceedings of EDILOG: 6th workshop on the semantics and pragmatics of dialogue, Edinburgh, September 4-6, 2002.
- van Deemter (2003) “OT for NLP: Towards a computationally useful notion of superoptimality”. In Proceedings of 5th Int. Workshop on Computational Semantics. Tilburg, The Netherlands, 15-17 Jan 2003.
- Piwek, P. and K. van Deemter (2003). “Dialogue as Discourse: Controlling Global Properties of Scripted Dialogue”. In proceedings of AAAI Spring Symposium on Natural Language Generation in Spoken and Written Dialogue. Stanford, California. (April 2003)
- Masthoff, J. and K. van Deemter (2003). “User Modeling as a Goal in itself: an Artificial Companion for the Elderly”. Accepted for 3rd Workshop on Personalization in Future TV, associated with 9th Int. Conf. on User Modeling (UM-2003).
- K. van Deemter (2004). “Finetuning an NLG system through experiments with human subjects: the case of vague descriptions”. In Procs. of 3rd International Conference on Natural Language Generation (INLG-04).
- Evans, R., K. van Deemter, A. Belz, J. Teeple, D. Weir, J. Carroll, D. Paiva, E. E. Ferrer (2004). “Controlling wide-coverage generation – The COGENT Project”. Poster and extended abstract, INLG-04, also published as Technical Report ITRI-04-01, University of Brighton.
- S. Varges and K. van Deemter (2005). “Generating referring expressions containing quantifiers” In Procs. of Sixth Int. Workshop on Computational Semantics (IWCS-2005), Tilburg.
- A. Gatt and K. van Deemter (2005). “Semantic similarity and the generation of referring expressions: a first report.” In Procs. of Sixth Int. Workshop on Computational Semantics (IWCS-2005), Tilburg.
- I. Paraboni and K. van Deemter (2006). “Referring via document parts”. In Procs. of Seventh International Conference on Intelligent Text Processing and Computational Linguistics (CICLING-2006). Mexico City, Mexico.
- I. H. Khan, G. Ritchie and K. van Deemter (2006). “The Clarity-Brevity Trade-off in Generating Referring Expressions”. In Procs. of 4th International Natural Language Generation Conference (INLG-2006), Sydney, Australia.
- I. Paraboni, J. Masthoff and K. van Deemter (2006). “Overspecified Reference in Hierarchical Domains: Measuring the Benefits for Readers”. In Procs. of 4th International Natural Language Generation Conference (INLG-2006), Sydney, Australia.
- K. van Deemter, I. van der Sluis and A. Gatt (2006). “Building a Semantically Transparent Corpus for the Generation of Referring Expressions”. In Procs. of Special Session on Sharing Data

and Comparative Evaluation session on Sharing Resources, associated with 4th International Natural Language Generation Conference (INLG-2006), Sydney, Australia.

– A.Gatt and Kees van Deemter (2006). “Conceptual Coherence in the Generation of Referring Expressions”. In *Procs. of ACL-2006*, Sydney, Australia. (8-p. paper to go with a poster.) (Short version also in *Procs. of workshop ‘Modelling Coherence for Generation and Dialogue Systems’*, associated with ESSLI-2006, Malaga, Spain.)

– Paraboni, Ivandre, Kees van Deemter and Judith Masthoff (2006). *Gerando Expressoes de Referencia com a ‘Quantidade Certa’ de Informacao*. 4th Workshop on Information and Human Language Technology (TIL 2006). Ribeirao Preto, Brazil, October 23-27 2006. Springer.

– M.Croitoru and K.van Deemter (2007). A conceptual-graph approach to the generation of referring expressions. In *procs. of IJCAI-2007*, Hyderabad, India.

– Gatt, A., van der Sluis, I., and van Deemter, K. (2007b). Evaluating algorithms for the generation of referring expressions using a balanced corpus. In *Proceedings of the 11th European Workshop on Natural Language Generation, ENLG-07*.

– Kees van Deemter, Albert Gatt. Content determination in GRE: evaluating the evaluator, Using Corpora for Natural Language Generation: Language Generation and Machine Translation (UCNLG+MT), (MT Summit XI).

– Gatt, A. and van Deemter, K. Incremental generation of plural descriptions: Similarity and partitioning, *Proceedings of the Conference on Empirical Methods in Natural Language Processing, EMNLP-CoNLL* (Prague).

– A.Gatt, I.van der Sluis and K.van Deemter (2007). Corpus-based evaluation of Referring Expression Generation. In *procs. of Workshop on Shared Tasks and Comparative Evaluation in Natural Language Generation*. Arlington, Virginia, USA, April 2007.

– Madalina Croitoru and Kees van Deemter (2007). Conceptual Graphs for Generating Referring Expressions. 15th Int. Conf. on Conceptual Structures. Sheffield, July 2007.

– Kees van Deemter and Albert Gatt (2007). Content Determination in GRE: Evaluating the Evaluator. In *Proc. of MT Summit XI, Workshop “Using Corpora for Natural Language Generation: Language Generation and Machine Translation” (UCNLG+MT)*, 11 Sept. 2007, Copenhagen.

– Van der Sluis, Gatt and van Deemter (2007) Evaluating the Generation of Referring Expressions: Going beyond toy domains. In *proceedings of Recent Advances in Natural Language Processing (RANLP 2007)*, Borovets, Bulgaria, 27-29 Sept. 2007.

– Imtiaz Hussain Khan, Kees van Deemter, Graeme Ritchie (2008). Generation of Referring Expressions: Managing Structural Ambiguities, 22nd International Conference on Computational Linguistics (COLING-8) (Manchester, 18-22 August 2008): pages 433-440.

– Imtiaz Hussain Khan, Kees van Deemter, Graeme Ritchie, Albert Gatt, Alexandra Cleland (2009). A hearer-oriented evaluation of referring expression generation. *Proc. of 12th European Workshop on Natural Language Generation (ENLG-2009)*, Athens, Greece.

– Kees van Deemter (2009) What Game Theory can do for NLG: the case of vague language. Keynote paper, 12th European Workshop on Natural Language Generation (ENLG-2009), Athens, Greece.

– Albert Gatt and Kees van Deemter (2009) Generating plural NPs in discourse: Evidence from the GNOME corpus. In *Procs. of COGSCI workshop “Production of Referring Expressions”*, Amsterdam, July 2009.

– Kees van Deemter and Albert Gatt (2009) Beyond DICE: measuring the quality of a referring expression. In *Procs. of COGSCI workshop “Production of Referring Expressions”*, Amsterdam, July 2009.

– Kees van Deemter (2010). Vagueness Facilitates Search. To appear in *Proceedings of the 17th Amsterdam Colloquium*, Amsterdam, December 2009. Springer Lecture Notes.

– Yuan Ren, Kees van Deemter, and Jeff Pan (2010) Generating Referring Expressions with OWL2. To appear in *Proc. of 23rd Workshop on Description Logics*. May 2010, Waterloo, Canada.

- Margaret Mitchell, Kees van Deemter and Ehud Reiter (2010) Natural Reference to Objects in a Visual Domain. In Proc. of 6th International Conference on Natural Language Generation, Dublin, Ireland.
- Yuan Ren, Kees van Deemter, and Jeff Pan (2010) Charting the Potential of Description Logic for the Generation of Referring Expressions. In Proc. of 6th International Conference on Natural Language Generation, Dublin, Ireland.
- Roman Kutlak, Kees van Deemter, and Chris Mellish (2011) Audience design in the generation of references to famous people. In L. Carlson, C. Hoelscher and T. Shipley (Eds.), Proceedings of the 33th CogSci conference, Boston, July 2011.
- Margaret Mitchell, Kees van Deemter, and Ehud Reiter (2011) On the Use of Size Modifiers When Referring to Visible Objects. In L. Carlson, C. Hoelscher and T. Shipley (Eds.), Proceedings of the 33th CogSci conference, Boston, July 2011.
- Margaret Mitchell, Kees van Deemter, and Ehud Reiter (2011). Applying machine learning to the choice of size modifiers. In Proc. of CogSci workshop “Production of Referring Expressions”, Boston, July 2011.
- Albert Gatt, Roger van Gompel, Emiel Krahmer and Kees van Deemter (2011). Non-deterministic attribute selection in reference production. In Proc. of CogSci workshop “Production of Referring Expressions”, Boston, July 2011.
- Matthew Green and Kees van Deemter (2011). Vagueness as cost reduction: an empirical test. In Proc. of CogSci workshop “Production of Referring Expressions”, Boston, July 2011.
- Bob Duncan and Kees van Deemter (2011). “Direction Giving: an Attempt to Increase User Engagement.” (Generation Challenges contribution.) In Proceedings of 13th European Workshop on Natural Language Generation. Nancy, Sept. 2011.
- Mitchell, M., van Deemter, K., and Reiter, E. (2011). Two Approaches for Generating Size Modifiers. Proceedings of ENLG 2011.
- A. Gatt, R. van Gompel, E. Krahmer and K. van Deemter (submitted). Does domain size impact search time during reference production? Submitted to the CogSci conference (Sapporo, Aug. 2012).
- R. Kutlak, K. van Deemter and C. Mellish (submitted). Corpus-based metrics for assessing communal common ground. Submitted to the CogSci conference (Sapporo, Aug. 2012).

6. Invited presentations (selection)

Invited departmental research seminars in the US (including Carnegie Mellon University, Ohio State University at Columbus, Stanford University, University of Arizona at Tucson), UK (including the Universities of Aberdeen, Brighton, and Edinburgh, the University of London (Goldsmiths College), Open University), and The Netherlands (Universities of Amsterdam, Groningen, Tilburg).

“A Semantic Perspective on Sentence Accenting”. Invited talk for Conference on Logic, Language, and Information, organized by European Research Council, Espinho, Portugal, 11-16 Dec. 1994.

“A Six-point Program for dealing with Ambiguity”, panel discussion, International Workshop on Computational Semantics (IWCS-95), Tilburg University, 20 Dec. 1994.

“What is Anaphora?”. Invited talk for Workshop of the European Linguistic Research and Engineering (LRE) Program ‘Computational Discourse’. Berg en Dal, The Netherlands, 23 Jan. 1995.

“Context Modeling for Natural Language Generation”. Address to final Review Meeting of the FraCaS project, Univ. of Edinburgh, 23 Feb. 1996.

“Semantic Representations for Pictures and Text”. Opening address to the Third International Workshop on Computational Semantics (IWCS-99), Tilburg University, 13 Jan. 1999.

“Generators of Referring Expressions: Virtues and Vices”. ‘International Workshop on Reference and Coherence in discourse: Formal, Functional and Cognitive approaches’, Utrecht, January 10-12, 2001.

“RRL: a Rich Representation Language for the Generation of Multimodal Presentations” (co-authored with P.Piwek). Invited talk for international working group on multimodality, organised by ACL’s special interest group on Computational Semantics (SIGSEM). Tilburg, 14 Jan 2003.

“Computational Generation of Referring Expressions”, Symposium on Natural Language Production, Hamburg, Germany, 11-13 June 2003.

Invited commentator, workshop on Presupposition Accommodation, Ohio State University, Columbus, Ohio, Oct. 2006.

Invited commentator for the ACL-SIGSEM/ISO-TDG workshop on Multimodal Information, Tilburg University, Jan. 2005. Keynote speaker at 12th European Workshop on Natural Language Generation, Athens, Greece, March 2009. (See conference publications.)

Invited addresses on Vagueness at the Stockholm School of Economics, organised by the Center for Cognitive Sciences and Semantics, Riga, Latvia, January 2010.

Invited speaker, Symposium “Knowledge and Discourse”, Pompeu Fabra University, Barcelona, April 2012.

“Not Exactly: Vagueness as Original Sin”. Invited talks about vagueness for a wide audience were presented at

- The KIM Contemporary Art museum, Riga, Jan 2010,
- WORD, the 10th University of Aberdeen Writers Festival, May 2010,
- Harbin Institute of Technology (HIT), Harbin, China, Aug 2010,
- SELLC conference banquet, Sun-Yat-Sen University, Guangzhou, China, Dec 2010,
- European Molecular Biology Lab (EMBL), Science and Society seminar, Heidelberg, Germany, Dec 2010.

7. Grant income

(1989-1996) Funding from Philips Electronics for various research projects, including the “President’s Project” SPEACOP (Self-Promoting and -Explanatory Audio COntrol Panel) (1989-1991), focusing on the usability of complex consumer electronics.

(1992-1993) NWO Talent research grant, Sept. 1992-Oct. 1993. Grant from the Netherlands Organization for Scientific Research (NWO) for postdoctoral fellowship at CSLI, Stanford (21,000 US Dollar).

(2001-2004) EC project NECA. Principal Investigator of ‘A Net Environment for Embodied Emotional Conversational Agents’. European IST project, led by the University of Vienna. ITRI’s share was 250,284 Euros. (Proposal no. IST-2000-28580). See <http://www.itri.bton.ac.uk/projects/neca/>.

(2003-2006) EPSRC project TUNA. Principal Investigator on the (220,000 pounds) project ‘Towards a UNified Algorithm for the generation of referring expressions’ (TUNA. Project funded by the Engineering and Physical Sciences Research Council (EPSRC, Proposal no. GR/S13330/01). Research quality rated by EPSRC as *internationally leading*. For more information, <http://www.itri.brighton.ac.uk/~Kees.van.Deemter/TUNA-index.html>.

(2003-2006) EPSRC project COGENT Co-Investigator on the project ‘COntrolled Generation of Text’ (COGENT, Autumn 2003–Autumn 2006). Jointly held between University of Brighton (210,000 pounds) and University of Sussex (210,000 pounds). Research quality rated by EPSRC as *tending to internationally leading*.

(2007-2012) EPSRC Platform project “Affecting People with Natural Language”. Co-Investigator. Project awarded to the Aberdeen Natural Language Generation group. (650,000

pounds). The grant supports the work of the group, allowing us to link up with other disciplines, and to bridge group members on temporary funding. (As part of the Platform Grant, I supervise Matt Green's and Bernadet Jager's work on the utility of vagueness.)

(2009-2012) SICSA funding for two PhD students working on the generation of referring expressions. SICSA is the Scottish Informatics and Computer Science Alliance. Funding offered in response to my application for two SICSA PhD Prize Studentships, for Margaret (Meg) Mitchell and Roman Kutlak. Additional ORSAS funding was obtained to pay for Meg Mitchell's fees.

(2011-2012) ESF XPRAG (experimental pragmatics) project "Common Ground and Granularity of Referring Expressions", from the European Science Foundation. Grant held with Raquel Fernandez (University of Amsterdam) and Dale Barr (University of Glasgow). (4,000 pounds.)

(2011) Funding obtained for the HIT-MSRA Summer School "Human Language Technology", Harbin, China. RMB 100,000 (approx. 10,000 pounds) from Microsoft. (With Tiejun Zhao, HIT, Harbin.)

(submitted 4 Aug 2011) Proposal Scrutable Autonomous Systems, with W.Vasconcelos, J.Masthoff, and N.Oren. Finding bid for EPSRC (approx. 1 million pounds).

(submitted Nov 2011) Proposal "RefNet", with Ellen Bard (University of Edinburgh). Funding bid for an EPSRC Research Network to let psycholinguists and computational linguists collaborate on the study of reference (approx. 130,000 pounds, of which 70,000 pounds to Aberdeen).

(submitted Jan 2012) Proposal "Determinants of overspecification in reference: Dimensional variation and domain size". Funding bid for ESF XPRAG (experimental pragmatics), from the European Science Foundation. (3,000 pounds)

Kees van Deemter, Jan. 2012.