

Curriculum Vitae of Mark Lee

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Personal details

Name: Dr. Mark Lee
Date of Birth: 29th March, 1971
Status: Married
Nationality: British

Positions

Sept. 2000- Present Lecturer at the School of Computer Science, University of Birmingham, UK
Sept. 1998- Sept. 2000 Research fellow in the School of Computer Science, University of Birmingham (EPSRC GR/M64208) "Understanding Metaphors in Mundane Texts"
March-June, 1998 Visiting Lecturer at the Department of Linguistics, Uppsala University
1997-1998 Research Facilitator at the Institute of Language, Speech and Hearing, University of Sheffield

Academic Qualifications

1993-1998 Ph.D. "Belief, Rationality, and Inference: A General Theory of Computational Pragmatics"
Dept. of Computer Science, University of Sheffield.
1992-1993 M.Sc in System Design (Artificial Intelligence), Dept. of Computer Science, University of Manchester.
1989-1992 B.A. Hons. in Computing and Artificial Intelligence, School of Computing and Cognitive Sciences, University of Sussex

I also hold a Postgraduate Certificate in Higher Learning and Teaching from the University of Birmingham which was awarded in 2005.

Computing Experience

I am fluent in the following computer languages: Prolog, Lisp, Pop-11, C, C++, Perl. I also have a good knowledge of WWW authoring and design using Perl and HTML and have extensive experience of both UNIX and Microsoft Windows. I am also familiar with SGML, XML & SQL.

Refereed Publications

1. M. Lee "Counterfactuals and Metaphor." (In press) A. Burkhardt & B. Nerlich (eds) *Reflections on Tropical Truth: Studies on the Epistemology of Metaphor*. Mouton de Gruyter.
2. R. Agerri, J. Barnden, M. Lee and A. Wallington (2008). Textual Entailment as an Evaluation Framework for Metaphor Resolution: A Proposal. In the *Proceedings of the Symposium on Semantics in Text Processing (STEP 2008)*, Venice, Italy, 22-24 September.
3. A. Wallington, R. Agerri, J. Barnden, M. Lee and T. Rumbell (2008). Affect Transfer by Metaphor for an Intelligent Conversational Agent. *Proceedings of the LREC 2008 Workshop on Sentiment Analysis: Emotion, Metaphor, Ontology and Terminology (EMOT 08)*, pages 102-108, Marrakech, Morocco, 27 May, 2008.
4. R. Agerri, J. Barnden, M. Lee and A. Wallington (2007). Metaphor, Inference and Domain Independent Mappings. In the *Proceedings of the Research Advances in Natural Language Processing Conference (RANLP-07)*, Borovets, Bulgaria, 27-29 September 2007
5. R. Agerri, J. Barnden, M. Lee and A. Wallington (2007). Default Inferences in Metaphor Interpretation. In B. Kokinov et al. (eds.): *CONTEXT 2007, Lecture Notes on Artificial Intelligence Series (LNAI) 4635*, Springer-Verlag, Heidelberg, pp. 1-14, 2007
6. R. Agerri, J. Barnden, M. Lee, and A. Wallington (2007). On the formalization of Invariant Mappings for Metaphor Interpretation. In the *Companion Proceedings of the Association of Computational Linguistics Conference (ACL-07)*, Prague, June 2007.
7. R. Agerri, J. Barnden, M. Lee and A. Wallington (2007). Invariant Mappings and Contexts in a Computational Approach to Metaphor Interpretation. In *Proceedings of the IJCAI-2007 Workshop on Modelling and Representation in Computational Semantics (MRCs-07)*, Hyderabad, India, 6-8 January 2007
8. R. Agerri, J. Barnden, M. Lee and A. Wallington (2007). View Neutral Mapping Adjuncts as Default Rules for Metaphor Interpretation. In J. Gertzen, E. Thijsse, H. Bunt and A. Schiffrin (eds.), *Proceedings of the Seventh International Workshop on Computational Semantics (IWCS-7)*, pp 283-286, Tilburg University, Department of Communication and Information Sciences, Tilburg, Netherlands, 10-12 January 2007.
9. C. Smith, T. Rumbell, J. Barnden, M. Lee, S. Glasbey, and A. Wallington, Affect and metaphor in an ICA: Further developments. (2007) *Proceedings of the 7th International Conference on Intelligent Virtual Agents*. Paris, pp 17-19.
10. C. Smith, T. Rumbell, J. Barnden, R. Hendley, M. Lee, A. Wallington, L. Zhang. (2007) Don't worry about metaphor: affect detection for conversational agents. In the *Proceedings of the Forty-Fifth Annual Meeting of the Association for Computational Linguistics, Companion Volume: Book II* pp.33-36
11. L. Zhang, M. Gillies, J. Barnden, R. Hendley, M. Lee, and A. Wallington (2007) Affect detection and an automated improvisational AI actor in e-drama. In *Lecture Notes in Artificial Intelligence*, 4451, Special Issue on AI in Human Computing. Springer.
12. A. Wallington, R. Agerri, J. Barnden, S. Glasbey and M. Lee (2006). Considerations on the nature of metaphorical meaning arising from a computational treatment of metaphor interpretation. In the *Proceedings of the International Workshop on Inference in Computational Semantics (ICoS-5)*.
13. M. Lee. (2006). On Counterfactual Metaphors and Paradox. In *The Baltic International Yearbook of Cognition, Logic and Communication*, **1**, J. Skilters (Editor), University of Latvia Press, 95-109.
14. A. Wallington, J. Barnden, S. Glasbey, M. Lee. (2006). Metaphorical reasoning with an economical set of mappings, *Documentacao de Estudos em Linguistica Teorica e Aplicada*, Special Issue, 22, 147-171.
15. A. Wallington, J. Barnden, S. Glasbey, M. Lee. (2005) Metaphorical reasoning with an economical set of mappings, *Delta (LAEL, Brazil)*, 22, 147-161.
16. A. Hossain and M. Lee (2005). Towards the Automatic Derivation of Lexical Prototypes. In *Proceedings of the 5th International Conference on Recent Advances in Natural Language Processing (RANLP'05)*, 21-23 September, Borovets, pp. 246-250.
17. A. Hossain and M. Lee (2005). A Corpus-based Approach to Deriving Cognitive Ontologies. In *Proceedings of the Poster Session of New Directions in Cognitive Linguistics (NDCL'05)*, 23-25 October, Brighton, p4.
18. A. Hossain and M. Lee (2005). A Cognitive Approach to Conceptual Ontologies. In the *Proceedings of the 8th Research Colloquium of the UK Special-Interest Group in Computational Linguistics (CLUK'05)*, 11 January, Manchester, pp. 32-37.

19. J. Barnden, S. Glasbey, M. Lee and A. Wallington (2004) "Varieties and Directions of Inter-Domain Influence in Metaphor." *Metaphor and Symbol* **19**(1) Lawrence Erlbaum Associates, Inc.
20. A. Witney, M. Lee and G. Kitas. (2003) "Computational linguistics to assess developing coping mechanisms in people with arthritis." *Rheumatology* **42** (S1). pp. 26-32 Oxford University Press.
21. M. Lee (2003) "The Ethics of Conversation". In the *Proceedings of the 15th International Conference on Systems Research, Informatics and Cybernetics*. Baden Baden. International Institute for Advanced Studies in Systems Research and Cybernetics.
22. J. Barnden, S. Glasbey, M. Lee & A. Wallington (2003). In the *Proceedings of the ACL workshop on The Lexicon and Figurative Language*. as part of 41st Annual Meeting of the Association for Computational Linguistics. Association for Computational Linguistics Press.
23. D. Brooks and M. Lee (2003) "Improving Grammar Learning Using Seed-sets." In the *Proceedings of the 6th National Colloquium for Computational Linguistics in the UK* (CLUK-6). University of Edinburgh Press.
24. J. Barnden and M. Lee (2002). "An artificial intelligence approach to metaphor understanding." *Theoria et Historia Scientiarum* **6**(1) pp. 399-412. NCU Press.
25. M. Lee. (2002) "Counterfactual Metaphors." In the *Proceedings of Conceptual Structure, Discourse and Language* 2002. Rice University, Houston.
26. M. Lee & J. Barnden (2001) "Reasoning About Mixed Metaphors Within an Implemented Artificial Intelligence System." *Metaphor and Symbol* **16**(1&2), pp. 29-42. Lawrence Erlbaum Associates, Inc.
27. D. Winchester & M. Lee (2002) "Cross-document Co-reference of Proper Names." In the *Proceedings of the 5th National Colloquium for Computational Linguistics in the UK* (CLUK-5) University of Leeds. Association for Computational Linguistics Press.
28. D. Winchester & M. Lee (2002) "Using Proper Names to Cluster Documents." In the *Proceedings of AAAI Spring Symposium on Acquiring (and Using) Linguistic (and World) Knowledge for Information Access*. Stanford, CA. AAAI Press.
29. D. Winchester & M. Lee (2001) "Clustering Documents Using Proper Names." In the *Proceedings of the 12th Meeting of Computational Linguistics in the Netherlands*, University of Twente.
30. M. Lee & J. Barnden (2001) "Blending, Analogy, and Counterfactuals." In the *Proceedings of SEMPRO-01 Cognitively Plausible Models of Semantic Processing*. University of Edinburgh Press.
31. M. Lee & J. Barnden (2001) "Reasoning About Mixed Metaphors Within an Implemented Artificial Intelligence System." *Metaphor and Symbol* **16**(1&2), pp. 29-42. Lawrence Erlbaum Associates, Inc.
32. M. Lee and J. Barnden (2000) "Counterfactuals, blending and analogy." In the *Proceedings of Conceptual Structure, Discourse and Language*. University of Santa Barbara, CA.
33. M. Lee. (2000) "The Ethics of Deception: why AI must study Selfish Behaviour." In the *Proceedings of the AISB '00 symposium on Artificial Intelligence, Ethics and (Quasi-) Human Rights*. Birmingham, UK.
34. J. Barnden and M. Lee. (1999) "An implemented context system that combines belief reasoning, metaphor-based reasoning and uncertainty handling." In the *Proceedings of the Second International and Interdisciplinary Conference on Modelling and Using Context* (Context'99), Trento, Italy.
35. M. Lee. (1999) "Implicit goals in indirect replies." In the *Proceedings of the ESCA Tutorial and Research Workshop on Interactive Dialogue in Multi-Modal Systems*, Kloster Irsee, Germany. Association for Computational Linguistics Press.
36. M. Lee and J. Barnden. (1999) "Mixing Metaphors." In the *Proceedings of the AISB'99 Symposium on Metaphor, Artificial Intelligence, and Cognition*, Edinburgh.
37. M. Lee. (1997) "Rationality, Cooperation and Conversational Implicature." In the *Proceedings of the Ninth Irish Conference on Artificial Intelligence* (AI-97).
38. M. Lee and Y. Wilks (1997) "Eliminating deceptions and mistaken belief to infer conversational implicature." In the *Proceedings of the IJCAI-97 workshop on Conflict, Cooperation and Collaboration in Dialogue Systems* as part of IJCAI97. Morgan Kaufman.
39. M. Lee. (1997) "Belief ascription in mixed initiative dialogue." In the *Proceedings of the AAAI Spring Symposium on Mixed Initiative Interaction*. AAAI Press
40. M. Lee and Y. Wilks. (1996) "Computation of speech acts on demand." In the *Proceedings of the fifth international conference of the International Pragmatics Association* (IPRA-96)

41. M. Lee and Y. Wilks. (1996) "An ascription based account of speech acts." In the *Proceedings of 16th International Conference on Computational Linguistics (COLING-96)*. Morgan Kaufmann
42. M. Lee. (1996) Planning Ironic Utterances. In the *Proceedings of the 15th annual meeting of the Special Interest group on Planning and Scheduling in the U.K. (SIGPLAN-96)*

Edited Journals and Proceedings

- 1) M. Lee (2004) *Proceedings of the 7th UK Annual Research Colloquium on Computational Linguistics*. University of Birmingham Press.
- 2) J. Barnden, M. Lee & K. Markert. (2003) *Special issue on Corpus Approaches to Figurative Language. Metaphor and Symbol* 18(3). Lawrence Erlbaum Associates, Inc.
- 3) J. Barnden, S. Glasbey, M. Lee & A. Wallington (2003) *Proceedings of the ACL workshop on The Lexicon and Figurative Language*. as part of 41st Annual Meeting of the Association for Computational Linguistics. Association for Computational Linguistics Press.
- 4) J. Barnden, S. Glasbey, M. Lee & A. Wallington (2003) *Proceedings of the workshop on Corpus Approaches to Figurative Language* as part of Corpus Linguistics, 2003. University of Lancaster.
- 5) J. Barnden, M. Lee & K. Markert (2001) *Proceedings of the workshop on Corpus-Based and Processing Approaches to Figurative Language as part of Corpus Linguistics*. Technical Papers Vol. 14. University Centre for Computer Corpus Research on Language, Lancaster University.

Research Activities

- 1996 Reviewer for the 16th International Conference on Computational Linguistics COLING'96
- 1999 Member of the Programme Committee AISB'99 workshop on Metaphor, Artificial Intelligence & Cognition, University of Edinburgh.
- 2000 Convention Co-Chair (with J. Barnden) AISB Convention, University of Birmingham
- 2001 Workshop Chair (with J. Barnden and K. Markert) "Corpus-based and Processing Approaches to Figurative Language" workshop at Corpus Linguistics 2001, University of Lancaster.
- 2003 Workshop Chair (with J. Barnden, S. Glasbey, K. Markert, and A. Wallington) "Corpus-based and Processing Approaches to Figurative Language" workshop at Corpus Linguistics 2003, University of Lancaster.
- 2003 Workshop Chair (with J. Barnden, S. Glasbey, and A. Wallington) "The Lexicon and Figurative Language" ACL Workshop. Sapporo, Japan.
- 2004 Colloquium Organizer. The 7th Annual CLUK Research Colloquium. University of Birmingham
- 2007 Member of the Programme Committee for 13th Portuguese Conference on Artificial Intelligence (EPIA 2007)
- 2007 Member of the Programme Committee for Workshop on Computational Approaches to Figurative Language held as part of Human Language Technologies: The Annual Conference of the North American Chapter of the Association for Computational Linguistics (NAACL-HLT 2007)

I am also a committee member of the UK Special Interest Group on Computational Linguistics

References

Available upon request.