

# Curriculum Vitae (correct as of 9<sup>th</sup> September, 2011)

## Personal Information

Name: Patrick Sturt  
Current Position: Reader, School of Philosophy Psychology and Language Sciences, University of Edinburgh.  
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## Education

1988 Oxford University, BA Honours (class 2:1)  
1992 University College London, MA in Linguistics (distinction)  
1997 University of Edinburgh, PhD in Cognitive Science (including full-time attendance at MSc courses in cognitive science and natural language). PhD Thesis: *Syntactic reanalysis in human language processing*. Supported by ESRC studentship, 1993-1996.

## Academic Positions

1997-1998 Research Fellow, University of Edinburgh  
1998-2001 British Academy Postdoctoral Fellow, University of Glasgow  
2001-4 Lecturer, Department of Psychology, University of Glasgow  
2004-5 Senior Lecturer, Department of Psychology, University of Glasgow.  
2005- Reader, School of Philosophy, Psychology and Language Sciences, University of Edinburgh.

## Refereed Journal Papers

Sturt, P. and Crocker, M. W. (1996). Monotonic syntactic processing: a cross-linguistic study of attachment and reanalysis. *Language and Cognitive Processes*, 11(5):449–494.  
Sturt, P. and Crocker, M. W. (1997). Thematic monotonicity. *Journal of Psycholinguistic Research*, 26(3):297–322.  
Sturt, P., Pickering, M. J., and Crocker, M. W. (1999). Structural change and reanalysis difficulty in language comprehension. *Journal of Memory and Language*, 40(1):136–150.  
Sturt, P., Pickering, M. J., and Crocker, M. W. (2000). Search strategies in syntactic reanalysis. *Journal of Psycholinguistic Research*, 29(2):183–194.  
Sturt, P., Pickering, M. J., Scheepers, C., and Crocker, M. W. (2001). The preservation of structure in language comprehension: Is reanalysis the last resort? *Journal of Memory and Language*, 45:283–307.

- Sturt, P., Scheepers, C., and Pickering, M. J. (2002). Ambiguity resolution after initial misanalysis: The role of recency. *Journal of Memory and Language*, 46:371–390.
- Sanford, A. J. and Sturt, P. (2002). Depth of processing in language comprehension: Not noticing the evidence. *Trends in Cognitive Science*, 6(9):382–386.
- Sturt, P. (2003). The time-course of the application of binding constraints in reference resolution. *Journal of Memory and Language*, 48(3):542–562.
- Sturt, P. (2003). A new look at the syntax-discourse interface: The use of binding principles in sentence processing. *Journal of Psycholinguistic Research*, 32(2):125–139.
- Sturt, P., Costa, F., Lombardo, V., and Frasconi, P. (2003). Learning first-pass structural attachment preferences using dynamic grammars and recursive neural networks. *Cognition*, 88:133–169.
- Stewart, A. J., Pickering, M. J., and Sturt, P. (2004). Using eye movements during reading as an implicit measure of the acceptability of brand extensions. *Applied Cognitive Psychology*, 18:697–709.
- Moxey, L. M., Sanford, A. J., Sturt, P., and Morrow, L. I. (2004). Constraints on the formation of plural reference objects: The influence of role, conjunction, and type of description. *Journal of Memory and Language*, 51:346–364.
- Sturt, P., Sanford, A. J., Stewart, A., and Dawydiak, E. (2004). Linguistic focus and good-enough representations: an application of the change-detection paradigm. *Psychonomic Bulletin and Review*, 11:882–888.
- Sturt, P. and Lombardo, V. (2005). Processing coordinate structures: Incrementality and connectedness. *Cognitive Science*, 29:291–305.
- Costa, F., Frasconi, P., Lombardo, V., Sturt, P., and Soda, G. (2005). Ambiguity resolution analysis in incremental parsing of natural language. *IEEE Transactions on Neural Networks*, 16:959–971.
- Poesio, M., Sturt, P., Artstein, R., and Filik, R. (2006). Underspecification and anaphora: Theoretical issues and preliminary evidence. *Discourse Processes*, 42:157–175.
- Ward, P. and Sturt, P. (2007). Linguistic focus and memory: an eye-movement study. *Memory and Cognition*, 35:73–86.
- Beare, L., Sturt, P., Bruce, G., and Jones, B. T. (2007). Heroin-related attentional bias and monthly frequency of heroin use are positively associated in attenders of a harm reduction service. *Addictive Behaviors*, 43(4):784–792.
- Sturt, P. (2007). Semantic re-interpretation and garden path recovery. *Cognition*, 105:477–488.
- Mazzei, A., Lombardo, V., and Sturt, P. (2007). Dynamic TAG and lexical dependencies. *Research on Language and Computation*, 5:309–332.
- Kreiner, H., Sturt, P., and Garrod, S. (2008). Processing definitional and stereotypical gender in reference resolution: Evidence from eye-movements. *Journal of Memory and Language*, 58:239–261.
- Dubey, A., Keller, F., and Sturt, P. (2008). A probabilistic corpus-based model of syntactic parallelism. *Cognition*, 109:326–344.
- Betancort, M., Carreiras, M., and Sturt, P. (2009). The processing of subject and object relative clause in Spanish: An eye-tracking study. *Quarterly Journal of Experimental Psychology*, 62:1915–1929.
- Featherstone, C. and Sturt, P. (2010). Because there was cause for concern: an investigation into the word-specific prediction account of the implicit causality effect. *Quarterly Journal of Experimental Psychology*, 63:3–15.

Sturt, P., Keller, F., and Dubey, A. (2010). Syntactic priming in comprehension: Parallelism effects with and without coordination. *Journal of Memory and Language*, 62:333–351.

Ilkin, Z. and Sturt, P. (2011). Active prediction of syntactic information during sentence processing. *Dialogue and Discourse*, 2:35–58.

Yoshida, M., Dickey, M., and Sturt, P. (in press). Predictive processing of syntactic structure: Sluicing and ellipsis in real-time sentence processing. *Language and Cognitive Processes*.

Cai, Z., Sturt, P., and Pickering, M. (in press). The effect of non-adopted analyses on sentence processing. *Language and Cognitive Processes*.

Scheepers, C., Sturt, P., Martin, C., Myachykov, A., Teevan, K., and Viskupova, I. (in press). Structural priming across cognitive domains: From simple arithmetic to relative clause attachment. *Psychological Science*. doi:10.1177/0956797611416997.

## Book Chapters

Lombardo, V. and Sturt, P. (2002). Incrementality and lexicalism: a treebank study. In Stevenson, S. and Merlo, P., editors, *The lexical basis of sentence processing: Formal, computational and experimental issues*, pages 137–155. John Benjamins.

Sturt, P. and Crocker, M. W. (1998). Generalized monotonicity for reanalysis models. In Fodor, J. D. and Ferreira, F., editors, *Reanalysis in Sentence Processing*, chapter 11, pages 365–398. Kluwer, Dordrecht, The Netherlands.

Sanford, A. J., Sturt, P., Moxey, L., Morrow, L., and Emmott, C. (2004). Production and comprehension measures in assessing plural object formation. In Carreiras, M. and Clifton, C. E., editors, *The on-line study of sentence comprehension: Eyetracking, ERP, and beyond*, pages 151–156. Psychology Press.

Mazzei, A., Lombardo, V., and Sturt, P. (2010). Constraining the form of supertags with the strong connectivity hypothesis. In Bangalore, S. and Joshi, A. K., editors, *Supertagging: Using Complex Lexical Descriptions in Natural Language Processing*, pages 345–363. MIT Press, Cambridge MA.

Sturt, P. (2011). The psycholinguistics of structural composition. In Kumar Misra, R. and Srinivasan, N., editors, *Language-cognition interface: State of the Art*, LINCOS studies in Theoretical Linguistics, pages 14–32. LINCOS Europa, München.

## Papers Published in Conference Proceedings

Sturt, P. (1995). Incorporating “unconscious reanalysis” into an incremental, monotonic parser. In *Proceedings of the Seventh Conference of the European Chapter of the Association for Computational Linguistics*, pages 291–296, Dublin, Ireland.

Luz, S. F. and Sturt, P. (1995). A labelled analytic theorem proving environment for categorial grammar. In *Proceedings of the Fourth International Workshop on Parsing Technologies*, pages 152–161, Prague and Karlovy Vary, Czech Republic.

Lombardo, V. and Sturt, P. (1997). Incremental processing and infinite local ambiguity. In *Proceedings of the 19th Annual Conference of the Cognitive Science Society*, pages 448–453, Stanford CA.

Lombardo, V. and Sturt, P. (1997). Towards a convergence between psycholinguistic theories of sentence processing and efficient large scale parsers: a treebank study. In *Proceedings of the Meeting of the AI\*IA Working Groups on Machine Learning and Natural Language Processing*, pages 79–82, Turin.

Sturt, P., Branigan, H. P., and Matsumoto-Sturt, Y. (1999). The effect of clausal and thematic domains on left branching attachment ambiguities. In *Proceedings of the 21st Annual Meeting of the Cognitive Science Society*, pages 718–723, Vancouver, Canada.

Costa, F., Frascioni, P., Lombardo, V., Sturt, P., and Soda, G. (2002). Enhancing first-pass attachment prediction. In *15<sup>th</sup> European conference on artificial intelligence*, pages 509–512, Lyons.

Lombardo, V. and Sturt, P. (2002). Towards a dynamic version of TAG. In *Proceedings of the Sixth international workshop on tree adjoining grammar and related formalisms*, pages 101–110, Università di Venezia.

Lombardo, V., Mazzei, A., and Sturt, P. (2004). Competence and performance grammar in incremental processing. In Keller, F., Clark, S., Crocker, M., and Steedman, M., editors, *Proceedings of the ACL Workshop Incremental Parsing: Bringing Engineering and Cognition Together*, pages 1–8, Barcelona, Spain. Association for Computational Linguistics.

Sturt, P. (2004). Incrementality in syntactic processing: Computational models and experimental evidence. In Keller, F., Clark, S., Crocker, M., and Steedman, M., editors, *Proceedings of the ACL Workshop Incremental Parsing: Bringing Engineering and Cognition Together*, pages 66–66, Barcelona, Spain. Association for Computational Linguistics.

Dubey, A., Sturt, P., and Keller, F. (2005). Parallelism in coordination as an instance of syntactic priming: Evidence from corpus-based modeling. In *Proceedings of the Human Language Technology Conference and the Conference on Empirical Methods in Natural Language Processing*, pages 827–834, Vancouver, Canada.

Mazzei, A., Lombardo, V., and Sturt, P. (2005). Strong connectivity hypothesis and generative power in tag. In *Proceedings of the 10th conference on Formal Grammar and the 9th Meeting on Mathematics of Language*, pages 169–184, Edinburgh.

Mazzei, A., Lombardo, V., and Sturt, P. (2005). Dynamic tag and lexical dependencies. In Kempson, R. and Morrill, G., editors, *Proceedings of Foundations of Natural-Language Grammar, workshop at ESSLLI05*, pages 1–3, Edinburgh.

Dubey, A., Keller, F., and Sturt, P. Integrating syntactic priming into an incremental probabilistic parser, with an application to psycholinguistic modeling. In *Proceedings of COLING 2006*.

Dubey, A., Keller, F., and Sturt, P. (2007). The effect of phonological parallelism in coordination: Evidence from eye-tracking. In *Proceedings of EuroCogSci 2007*, pages XXX–XXX, Delphi, Greece.

Dubey, A., Keller, F., and Sturt, P. (2011). A model of discourse predictions in sentence processing. In *Proceedings of EMNLP 2011*, pages XXX–XXX, Edinburgh, UK.

## Book Review

Sturt, P. (1996). Review of “Japanese sentence processing”, R. Mazuka and N. Nagai, (eds)., Erlbaum. *Computational Linguistics*, 22:145–147.

## Miscellaneous Publications

Milward, D. and Sturt, P., editors (1995). *Incremental Interpretation*, volume 11 of *Edinburgh Working Papers in Cognitive Science*. Centre for Cognitive Science, The University of Edinburgh.

Sturt, P. and Crocker, M. W. (1995). Incrementality and monotonicity in syntactic parsing. In Milward, D. and Sturt, P., editors, *Incremental Interpretation*, Edinburgh Working Papers in Cognitive Science, volume 11, chapter 2, pages 23–66. Centre for Cognitive Science, The University of Edinburgh.

## Unpublished Conference Presentations

Sturt, P. and Crocker, M. W. (1995). Monotonic parsing and reanalysis. Paper presented at the 8th CUNY conference on human sentence processing, Tucson, AZ.

- Sturt, P. and Crocker, M. W. (1996). Flexible monotonicity: Command and construal in incremental sentence processing. Paper presented at the 9th CUNY conference on human sentence processing, New York, NY.
- Lombardo, V. and Sturt, P. (1998). Incremental processing and non-lexical structure building: a treebank study. Poster presented at the CUNY conference on Human Sentence Processing.
- Sturt, P., Pickering, M. J., and Crocker, M. W. (1998). Structural change and reanalysis difficulty. Paper presented at the 11th CUNY conference on human sentence processing, New Brunswick, NJ.
- Sturt, P., Pickering, M. J., Crocker, M. W., and Traxler, M. (1998). Type and token in reanalysis. Invited paper presented at the workshop on *Reanalysis in Sentence Processing: Current Issues and Future Trends*, New Brunswick, NJ.
- Sturt, P. and Lombardo, V. (1998). Incrementality and lexicalism: a treebank study. Paper presented at the *Architectures and Mechanisms for Language Processing* conference, Freiburg, Germany.
- Sturt, P., Pickering, M. J., and Crocker, M. W. (1999). Exploring the reanalysis as a last resort strategy. Paper presented at the 12th CUNY conference on human sentence processing, New York, NY.
- Sturt, P. and Lombardo, V. (1999). An assessment of incrementality in a wide-coverage, cross-linguistic setting. Poster presented at the *Architectures and Mechanisms for Language Processing* conference, Edinburgh, Scotland.
- Costa, F., Frascioni, P., Lombardo, V., and Sturt, P. (2000). An experience based model of incremental parsing using dynamic grammars and recursive neural networks. Paper presented at the *Architectures and Mechanisms for Language Processing*, Leiden, the Netherlands.
- Sturt, P., Scheepers, C., and Pickering, M. J. (2000). How and when do we change analysis? Poster presented at the 13th CUNY Sentence processing conference, San Diego, CA.
- Sturt, P., Scheepers, C., Pickering, M. J., and Crocker, M. W. (2000). Interaction of structure preservation and recency in first- and second-pass ambiguity resolution. Poster presented at the *Architectures and Mechanisms for Language Processing* conference, Leiden, Netherlands.
- Sturt, P. (2001). The time-course of binding constraints: an eyetracking study. Paper presented at the AMLaP conference, Saarbruecken, Germany.
- Poesio, M., Keller, F., Reyle, U., Stevenson, R., and Sturt, P. (2001). Some pronouns are more ambiguous than others. Poster presented at the 14th CUNY Sentence processing conference, Philadelphia, PA.
- Costa, F., Sturt, P., Lombardo, V., and Frascioni, P. (2001). The effect of experience on a hybrid model of human first-pass attachment preferences. Poster presented at the AMLaP conference, Saarbruecken, Germany.
- Costa, F., Frascioni, P., Sturt, P., and Lombardo, V. (2002). Exploring the effect of experience on a recursive neural network model of structural preferences. Paper presented at the *15th Annual CUNY Conference on Human Sentence Processing*, New York.
- Lombardo, V. and Sturt, P. (2002). A dynamic tree-adjointing grammar as the basis for the human parsing mechanism. Poster presented at the AMLaP conference, Tenerife, Spain.
- Morrow, L., Sturt, P., Sanford, A. J., and Moxey, L. (2002). Accessing singular and plural discourse entities during language processing. Poster presented at the CUNY sentence processing conference.
- Sanford, A. J., Stewart, A., Sturt, P., and Archambault, A. (2002). Text change detection. Poster presented at the fourteenth 15th Annual CUNY sentence-processing conference.

- Sturt, P. (2002). The early application of binding constraints in anaphor resolution. Paper presented at the 15th CUNY conference on human sentence processing, New York, NY.
- Sturt, P., Sanford, A. J., Morrow, L., and Moxey, L. (2002). The formation and interpretation of plural reference objects during language interpretation. Poster presented at the *Architectures and Mechanisms for Language Processing* conference, Tenerife, Spain.
- Sanford, A. J., Sturt, P., Dawydiak, E., and Stewart, A. (2002). Depth of processing, underspecification, and text change-blindness. Paper presented at the AMLaP conference, Tenerife, Spain.
- Sturt, P. (2003). Semantic inertia and re-interpretation. Poster presented at the 16th CUNY Sentence processing conference, MIT, Boston.
- Sturt, P. and Lombardo, V. (2003). Grammatical theory and incremental processing. Poster presented at the 16th CUNY Sentence processing conference, MIT, Boston.
- Knoeferle, P., Crocker, M. W., Scheepers, C., Pickering, M. J., and Sturt, P. (2003). Visual events, role (re-)assignments, and word-order ambiguity in German and English. Poster presented at the 16th CUNY Sentence processing conference, MIT, Boston.
- Sturt, P. (2003). Dynamic grammars as the basis for psycholinguistic modelling. Invited paper presented at the workshop on *Computational models of sentence processing*, Saarbrücken, Germany.
- Stewart, A., Sanford, A. J., Sturt, P., Dawydiak, E., and Niswander, E. (2003). Text change in reading: How people represent product related information. Paper presented at the Fifth Biennial Meeting of the Society for Applied Research in Memory and Cognition (SARMAC), Aberdeen.
- Stewart, A. J., Sturt, P., and Pickering, M. J. (2003). Using eye tracking as a reading time measure to determine the acceptability of brand extensions. Paper presented at the Fifth Biennial Meeting of the Society for Applied Research in Memory and Cognition (SARMAC), Aberdeen.
- Ward, P., Sturt, P., Sanford, A. J., and Dawydiak, E. (2003). The effects of linguistic focus and semantic distance on eye movements in a text-change detection task. Poster presented at the *Architectures and Mechanisms for Language Processing* conference, Glasgow, Scotland.
- Ward, P. and Sturt, P. (2004). Linguistic focus and discourse representation: Evidence from re-reading. Poster presented at the 17th annual CUNY Sentence Processing Conference, College Park, Maryland.
- Sanford, A. J., Sanford, A. J. S., and Sturt, P. (2004). Detecting changes in discourse: influences of focus and processing load on granularity and shallow processing. Paper presented at the conference of Society for Text and Discourse.
- Sturt, P. and Lombardo, V. (2004). The time-course of processing of coordinate sentences. Poster presented at the 17th annual CUNY Sentence Processing Conference, College Park, Maryland.
- Sturt, P., Lombardo, V., and Betancort, M. (2004). Evidence against (even mild) delay models of structure building. Paper presented at AMLaP (Architectures and Mechanisms for Language Processing) Aix-en-Provence.
- Filik, R., Sanford, A. J., Sturt, P., and Poesio, M. (2005). Underspecification in anaphoric reference to structured entities. Poster presented at 18th Annual CUNY Sentence Processing conference, Tucson, Arizona.
- Filik, R., Sanford, A. J., Sturt, P., and Poesio, M. (2005). Underspecification in anaphoric reference to structured entities. Poster presented at 13th European Conference on Eye Movements, Bern, Switzerland.
- Filik, R., Sanford, A. J., Sturt, P., and Poesio, M. (2005). Underspecification in anaphoric reference to structured entities. Paper presented at AMLaP 2005, Ghent, Belgium.

- Kreiner, H., Sturt, P., and Garrod, S. (2005). The timecourse of the application of binding constraints in pronoun resolution: Evidence from eye-movements. Poster presented at 13th European Conference on Eye Movements, Bern, Switzerland.
- Kreiner, H., Sturt, P., and Garrod, S. (2005). The effect of lexical vs. stereotypical gender on the time-course of reference resolution:. Poster presented at AMLaP 2005, Ghent, Belgium.
- Kreiner, H., Sturt, P., and Garrod, S. (2006). The timecourse of lexical vs. stereotypical gender processing in reference resolution: Evidence from eye-movements. Paper presented at the 19th Annual CUNY conference on human sentence processing, New York.
- Ward, P. and Sturt, P. (2006). The influence of memory load on heuristic interpretation processes. Poster presented at the 19th annual CUNY Sentence Processing Conference, New York.
- Kreiner, H., Garrod, S., and Sturt, P. (2006). Grammatical and conceptual factors in the processing of number agreement: Evidence from eye-movements. Paper presented at AMLaP 2006, Nijmegen, Netherlands.
- A. Dubey, F. K. and Sturt, P. (2006). A probabilistic, corpus based model of syntactic parallelism. Paper presented at AMLaP 2006, Nijmegen, Netherlands.
- Kreiner, H., Sturt, P., Hand, C., and Garrod, S. (2007). Using eyetracking to explore the processing difference between principle a and principle b of binding theory. Paper presented at AMLaP 2007, Turku, Finland.
- Sturt, P., Keller, F., and Dubey, A. (2007). Evidence for parallelism as priming. Poster presented at AMLaP 2007, Turku, Finland.
- Kreiner, H., Garrod, S., and Sturt, P. (2007). Number agreement in reading comprehension: Grammatical and conceptual factors in pronoun vs. verb agreement. Poster presented at CUNY 2007, San Diego, CA.
- Sturt, P., Kreiner, H., and Garrod, S. (2007). The interplay between gender matching and binding constraints in anaphora resolution: Evidence from eye-movements. Poster presented at CUNY 2007, San Diego, CA.
- Dubey, A., Sturt, P., and Keller, F. (2008). A probabilistic, ACT-R inspired model of parallelism and priming in sentence processing. Paper presented at CUNY 2008, Chapel Hill, NC.
- Ilkin, Z. and Sturt, P. (2008). Preference for local scrambling: An on-line study of dependency formation in Turkish. Poster presented at CUNY 2008, San Diego, CA.
- Ilkin, Z. and Sturt, P. (2008). Preference for local scrambling: An on-line study of dependency formation in Turkish. Paper presented at the Workshop on Formal Altaic Linguistics (WAFL5), SOAS, London.
- Sturt, P., Keller, F., and Dubey, A. (2008). Syntactic priming in comprehension without lexical repetition. Paper presented at AMLaP 2008, Cambridge, UK.
- Yoshida, M., Walsh-Dickey, M., and Sturt, P. (2008). Sluicing and syntactic prediction in online sentence processing. Paper presented at AMLaP 2008, Cambridge, UK.
- Sturt, P. and Yoshida, M. (2008). The speed of relative clause attachment. Poster presented at AMLaP 2008, Cambridge, UK.
- Dubey, A., Sturt, P., and Keller, F. (2008). Delays in the use of discourse information in syntactic ambiguity resolution. Poster presented at AMLaP 2008, Cambridge, UK.
- Cai, Z., Pickering, M., and Sturt, P. (2008). The filler may be a gentleman: local coherence effect in long-distance dependency processing. Poster presented at AMLaP 2008, Cambridge, UK.
- Ilkin, Z. and Sturt, P. (2008). Negation reveals preferences in long distance dependency formation. Poster presented at AMLaP 2008, Cambridge, UK.

- Ilkin, Z. and Sturt, P. (2009). Active search in English unbounded dependencies: Pre-verb formation of dependencies. Poster presented at CUNY 2009, Davis, CA.
- Yoshida, M. and Sturt, P. (2008). Predicting OR. Poster presented at CUNY 2009, Davis, CA.
- Scheepers, C., Sturt, P., Teevan, K., and Myachykov, A. (2009). Cross-domain structural priming: from simple algebra to relative clause attachment. Paper presented at the *Architectures and Mechanisms for Language Processing* conference, Barcelona.
- Ilkin, Z. and Sturt, P. (2009). Syntactic prediction and parafoveal processing of inflectional morphology in reading: evidence from eye movements. Poster presented at the *Architectures and Mechanisms for Language Processing* conference, Barcelona.
- Ilkin, Z. and Sturt, P. (2009). Prediction and eye-movement control in reading: Prefoveal processing benefit from projected information from previously processed structures. Paper presented at the European conference on Eye Movements, Southampton.
- Yoshida, M., Kazanina, N., Pablos, L., and Sturt, P. (2010). Island constraints and on-line dependency formation processes. Paper presented at The 41st North Eastern Linguistics Society (NELS 41), University of Pennsylvania, October 2010.
- Kazanina, N., Pablos, L., Sturt, P., and Yoshida, M. (2010). All long-distance dependencies are created equal but . . . . Poster presented at 23rd Annual CUNY Sentence Processing Conference. New York University. New York, NY. March 2010.
- Ferreira, F., Sturt, P., and Yoshida, M. (2010). Structural sensitivity following garden path recovery. Poster presented at 23rd Annual CUNY Sentence Processing Conference. New York University. New York, NY.
- Dubey, A., Sturt, P., and Keller, F. (2010). The effect of discourse inferences on syntactic ambiguity resolution. Poster presented at 23rd Annual CUNY Sentence Processing Conference. New York University. New York, NY.
- Yoshida, M., Kazanina, N., Pablos, L., and Sturt, P. (2010). On the origin of islands. Talk presented at the AMLaP conference, York, UK.
- Çokal Karadaş, D., Sturt, P., Ruhi, S., and Ferreira, F. (2010). this and that: Deixis in written discourse. Poster presented at the AMLaP conference, York, UK.
- Cai, Z., Pickering, M., and Sturt, P. (2010). Processing verb-phrase ellipsis in Chinese: Evidence against syntactic reconstruction. Poster presented at the AMLaP conference, York, UK.
- Kreiner, H., Garrod, S., and Sturt, P. (2010). Different time-course for grammatical and conceptual processes involved in processing number agreement. Poster presented at the AMLaP conference, York, UK.
- Kwon, N. and Sturt, P. (2010). Active gap strategy in a cataphoric dependency: evidence from an eyetracking study. Poster presented at the AMLaP conference, York, UK.
- Dubey, A., Keller, F., and Sturt, P. (2011). A probabilistic model of discourse effects on sentence processing. Paper presented at the CUNY conference, on sentence processing, Stanford, CA.
- Çokal Karadaş, D., Sturt, P., Ruhi, S., and Ferreira, F. (2011). Anaphora processing in written discourse: this and that. Poster presented at the CUNY conference, on sentence processing, Stanford, CA.
- Sturt, P., Ward, P., Graham, K., and Robb, L. (2011). The causes of misinterpretation. Poster presented at the CUNY conference, on sentence processing, Stanford, CA.
- Kwon, N. and Sturt, P. (2011). Pre-verbal syntactic processing in Korean. Poster presented at the CUNY conference, on sentence processing, Stanford, CA.

Kwon, N. and Sturt, P. (2011). When lexical information could disambiguate structural ambiguity: Reading time study with early bilinguals. Paper presented at the 8th International Symposium on Bilingualism, Oslo, Norway.

Kwon, N. and Sturt, P. (2011). Poster presented at the 17th meeting of the European Society for Cognitive Psychology, Donostia, San Sebastián.

Kwon, N. and Sturt, P. (2011). Structural ambiguity resolution in nominal control construction: Eye-tracking studies with mono- and bilinguals. Poster presented at the 17th meeting of the European Society for Cognitive Psychology, Donostia, San Sebastián.

Çokal Karadaş, D., Sturt, P., Ruhi, S., and Ferreira, F. (2011). Anaphora processing: Foci of it' and 'this. Poster presented at the AMLaP conference, Paris, France.

Demiral, B. and Sturt, P. (2011). Structural change revisited: An ERP comparison of reanalysis difficulty in two locally ambiguous constructions. Poster presented at the AMLaP conference, Paris, France.

Cummings, I. and Sturt, P. (2011). Co-argumenthood and the processing of reflexives. Poster presented at the AMLaP conference, Paris, France.

Stewart, O., Sturt, P., and Dubey, A. (2011). Fast contextual integration based on parafoveal information. Poster presented at the AMLaP conference, Paris, France.

Cummings, I. and Sturt, P. (2011). Co-argumenthood and the processing of reflexives. Paper presented at the LAGB meeting, Manchester, UK.

## Invited talks

Sturt, P., Pickering, M. J., Crocker, M. W., and Traxler, M. (1998). Type and token in reanalysis. Invited paper presented at the workshop on *Reanalysis in Sentence Processing: Current Issues and Future Trends*, New Brunswick, NJ.

Sturt, P. (2003). Dynamic grammars as the basis for psycholinguistic modelling. Invited paper presented at the workshop on *Computational models of sentence processing*, Saarbrücken, Germany.

Sturt, P. (2004). Incrementality in syntactic processing: Computational models and experimental evidence. In Keller, F., Clark, S., Crocker, M., and Steedman, M., editors, *Proceedings of the ACL Workshop Incremental Parsing: Bringing Engineering and Cognition Together*, pages 66–66, Barcelona, Spain. Association for Computational Linguistics.

Sturt, P. (2009). The dynamics of long distance dependency formation: pre-verb structural integration in a head-initial language. Invited paper presented at the workshop on *Incrementality and Verbal Interaction*, ZiF, University of Bielefeld.

Sturt, P. (2009). Investigating the time-course of linguistic dependency formation: The psycholinguistics of structural composition. Invited paper presented at the international conference on *Language-cognition interface: state of the art*, University of Allahabad, India.

## Departmental Seminars/Colloquia

1996	Centre for Cognitive Science, University of Freiburg, Germany
1997	Department of Psychology, University of Exeter
1998	Department of Psychology, University of Dundee Department of Linguistics, University College London
1999	Human Communication Research Centre, University of Edinburgh
2000	Department of Psychology University of Glasgow Department of Computational Linguistics, University of Saarland, Germany

2001	Department of Linguistics, Graduate Center, City University New York
2002	Department of Computer Science, University of Florence, Italy
2003	Department of Informatics, University of Turin, Italy Department of Linguistics, University of Essex Department of Psychology, University of Manchester
2004	School of Computing, Dublin City University (Dublin Computational Linguistics Research Seminar Series) Department of Psychology, University of Dundee Department of Cognitive Psychology, University of La Laguna, Spain
2005	Department of Psychology, New York University Department of Linguistics, City University of New York Graduate Center Institute for Research in Cognitive, University of Pennsylvania Science Department of Linguistics, University of Maryland
2007	Department of Philosophy, King's College London

## Grants

1998-2001	British Academy Postdoctoral Fellowship, University of Glasgow [Role: PI]
1998-1999	British Council/CNR Scientific Co-operation Programme, Italy: Travel and maintenance grants for two research visits, June-July 1998 and January 1999 [Role: Co-PI with Vincenzo Lombardo, University of Turin.]
1999	<i>On-line studies of representational change in language comprehension</i> British Academy Research Grant, (3 months: £4,836) [Role: PI]
2001-2002 (a)	<i>Representation of Plural entities in Language comprehension</i> ESRC (£40,000) [Role: Co-PI; PI Prof. A.J. Sanford; Co-PI, Dr. L. Moxey]
2001-2002 (b)	<i>Applying change blindness to language processing</i> ESRC (£40,000) [Role: Co-PI; PI Prof. A.J. Sanford]
2002-2003	<i>Modelling incremental language processing in a large-scale setting.</i> Royal Society, £7,200. [Role: PI; Co-PI Dr. V. Lombardo, Turin]
2002-2004	<i>Variable semantic processing in reading</i> ESRC (£80,000) [Role: Co-PI; PI Prof. A.J. Sanford; Co-PI Dr. E. Dawydiak]
2003	<i>Architectures and Mechanisms in Language Processing</i> British Academy conference support grant (£2,000) [Role: PI]
2004-2007	<i>Anaphora Resolution and Underspecification (ARRAU).</i> EPSRC (c.£224,000; University of Glasgow portion c.£83,000). [Role: Co-PI; PI Dr. M. Poesio, University of Essex; Co-PI Prof. A.J. Sanford]
2004-2006	<i>Linguistic Interfaces in Pronoun Resolution,</i> ESRC (£93,000) [Role: PI; Co-PI Prof. S. Garrod]
2004-2007	<i>The role of syntactic parallelism in the processing of coordinate structures.</i> Leverhulme Trust (£99,632) [Role: Co-PI; PI Dr Frank Keller]
2007-2008	<i>A cross-linguistic study of sentence comprehension,</i> ESRC Postdoctoral Fellowship [Role: Mentor; PI Dr Masaya Yoshida]
2009-2011	<i>Modeling Integration Effects in Language with Probabilistic Logic.</i> ESRC (approx £380,000, FEC) [Role: Co-PI; PI Dr Amit Dubey; Co-PI Dr Frank Keller; Co-PI Dr Alex Lascarides]

2011 *ERP studies of sentence processing*. PPLS internal EEG grant (with Dr. N. Kwon, Nanyang Technological University, and Dr. B. Demiral, University of Edinburgh)

### Grant consultancy

2008-2013 Nominated consultant for *Biological and Computational Foundations of Language Diversity*, IGERT Interdisciplinary Graduate Training Program (PI Prof Colin Phillips, University of Maryland; c. \$3 million).

### Prizes and Awards

St Cyres scholarship, Christ Church, Oxford, 1985-1988

James Thorne prize for best summer project, Centre for Cognitive Science, University of Edinburgh, 1994

### Editorial and Reviewing Activities

Associate Editor: *Language and Cognitive Processes*, 2009-

Member of Editorial Board: *Linguistics and Language Compass*, 2006-

Member of Editorial Board: *Journal of Memory and Language*, 2007-

Member of Editorial Board: *Language and Cognitive Processes*, 2008-9

*Ad-hoc* reviewer for *Journal of Psycholinguistic Research*, *Quarterly Journal of Experimental Psychology*, *Journal of Memory and Language*, *Journal of Experimental Psychology: Learning, Memory and Cognition*, *Psychonomic Bulletin and Review*, *Cognitive Science*, *Computational Linguistics*, ESRC, EPSRC, and many others.

Regularly on programme committees for international conferences, including AMLaP, CUNY sentence processing conference, Cognitive Science conference.

### University Level Teaching Experience

I have taught all or part of the following courses:

- Computational Linguistics I (MSc, University of Edinburgh), 1997
- Psycholinguistics and Cognitive Science (4th year undergraduate, University of Glasgow), 2000-2002
- Language and Communication (4th year undergraduate, University of Glasgow), 2003-2005
- Psychology of Reading and Understanding (4th year undergraduate, University of Glasgow), 2003-2005
- Research Methods II (MSc, University of Glasgow), 2003-2005
- Psychology of Thinking and Language (3rd year undergraduate, University of Edinburgh), 2006-2009
- Discourse Processing (MSc, University of Edinburgh; Course Organizer), 2005-2009
- Sentence Processing and Psycholinguistics (4th year undergraduate, University of Edinburgh; Course Organizer), 2006-2009

I have supervised a large number of group and individual undergraduate projects at Glasgow and Edinburgh.

I successfully completed the University of Glasgow *New Lecturer Programme* in 2003.

## Postgraduate Students

Peter Ward (1 + 3 ESRC studentship, matriculated Oct 2003, University of Glasgow); graduated 2008. Thesis title: *The time course of sentence interpretation*

Zeynep Ilkin (matriculated May 2006, University of Edinburgh).

Zhenguang Cai (matriculated 2007, University of Edinburgh); graduated 2011 [2nd supervisor]

Giorgos Argyropoulos (matriculated 2006, University of Edinburgh; graduated 2011) [2nd supervisor]

Oliver Stewart (ESRC +3 grant related studentship, matriculated 2009, University of Edinburgh)

Gloria Chamorro Galan (matriculated 2009, University of Edinburgh) [2nd supervisor]

I have also supervised numerous MSc dissertations

## Administration

2001-2002	Organizer, Departmental Seminar Series, Department of Psychology, University of Glasgow
2003	Main Conference Organizer, <i>Architectures and Mechanisms for Language Processing</i> (AMLaP 2003), August 25-27, Glasgow.
2003-	Member of AMLaP board.
2003-5	Posgraduate Convener, Department of Psychology, University of Glasgow
2003-5	Member of Management Group: Department of Psychology, University of Glasgow
2003-5	Member of Graduate School Committee: Faculty of Information and Mathematical Sciences, University of Glasgow
2005-	Director of Studies (undergraduate advisor), University of Edinburgh
2007-09	Member of Teaching Committee, Psychology, University of Edinburgh
2009-11	Member of Undergraduate Studies Committee, PPLS, University of Edinburgh
2008-11	Course organiser of Final Honours undergraduate year, Psychology, University of Edinburgh

## External PhD Examining

External committee member, University of Maryland, 2005

External examiner, University of Cambridge, 2006

External examiner, University of Exeter, 2007

External examiner, University of Strathclyde, 2007

Member of PhD committee, University of Amsterdam, 2011

## Miscellaneous

Erdős number: 4