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Education

King's College, London	London	Theoretical Linguistics	PhD, 2006-2010
King's College, London	London	Computational Linguistics	MSc, 2005-2006
Aristotle University	Thessaloniki	Philology/Linguistics	BA, 2000-2005

Research & Professional Experience

2018 – present	Associate Professor in Computational Linguistics, University of Gothenburg
2019 – present	Associate Director, Centre for Linguistic Theory and Studies in Probability
2019 – 2020	Head of Research, BasementAI
2016 – 2021	Research Coordinator, Centre for Linguistic Theory and Studies in Probability
2015 – 2016	Post-doc, University of Gothenburg
2014 – 2015	Post-doc, University of Montpellier, CNRS
2011 – 2014	Royal Holloway, University of London
2011 – 2014, 2015 – 2017	Adjunct Lecturer, Open University of Cyprus

Publications

Monographs

1. Chatzikyriakidis, S. and Luo, Z. 2020. *Formal Semantics in Modern Type Theories*. ISTE/Wiley Science.

Edited books/volumes

1. Bernardy, JP., Blanck, R., Chatzikyriakidis, S., Lappin, S. and Maskharashvili A. (eds.), *Probabilistic Approaches to Linguistic Theory*, CSLI publications. To appear in 2021.
2. Howes, C., Chatzikyriakidis, S., Ek, A. and Somashekarappa, V. 2020. *Proceedings of the Conference on Probability and Meaning (PAM 2020)*. ACL anthology.
3. Dobnik, S., Chatzikyriakidis, S., and Demberg, V. (eds), 2019. *Proceedings of the 3th International Conference on Computational Semantics*.
4. Chatzikyriakidis S. and Luo Z. (eds.), 2017. *Modern Perspectives in Type-Theoretical Semantics*. Studies in Linguistics and Philosophy, Springer.
5. Chatzikyriakidis S. Retoré C. and Pasquali F. (eds), 2017. Hilbert's Epsilon Calculus and Lexical Semantics. *Edited journal volume in the Journal of Logics and Their Applications*.

Journal papers

1. Xue, T., Luo, Z. and Chatzikyriakidis S. Propositional Forms of Judgemental Interpretations. Submitted.
2. Bernardy, J.P and Chatzikyriakidis S. and Maskharashvili A. 2020. A Computational Treatment of Anaphora and its Algorithmic Implementation. *Journal of Language, Logic and Information*
3. Chatzikyriakidis, S. Underspecification, Parsing Mismatches and Routinization: The Histor-

- ical Development of the clitic systems of Greek dialects. *Journal of Language, Logic and Information*, special issue on Dynamic Syntax.
4. Gregoromichelaki, E., Mills, G. Howes, C., Eshghi, A., Chatzikiyriakidis, S., Purver, M., Kempson R., Cann, R. and Healey, P. 2020. Completability vs (In)completeness. *Acta Linguistica Hafniensia* 52(2).
 5. Qwaider, C., Saad, M., Chatzikiyriakidis, S. and Dobnik S. 2018. A Lexical Distance Study of Arabic Dialects. *Procedia Computer Science* 142, 2-13.
 6. Chatzikiyriakidis, S. and Luo, Z. Identity Criteria of Common Nouns and Dot-types for Copredication. *Oslo Studies in Language* 10(2), 121-141.
 7. Chatzikiyriakidis, S. and Gibson H. 2017. The Bantu/Romance/Greek Connection Revisited: Processing Constraints in Auxiliary and Clitic Placement from a Cross-linguistic Perspective. *Glossa* 2(1), 1-39.
 8. Chatzikiyriakidis, S., Pasquali F. and Retoré C., 2017. From logical and linguistic generics to Hilbert's tau and epsilon quantifiers. *Journal of Logics and their Applications* 4 (2), 231-256.
 9. Chatzikiyriakidis, S., Lafourcade, M., Ramadier, L. and Zarrouk, M., 2017. Modern Type Theories and Lexical Networks: Using Serious Games as the Basis for Multi-Sorted Typed Systems. *Journal of Language Modelling*, 5(2), 229-272.
 10. Chatzikiyriakidis, S. and Luo, Z. 2017 Adjectival/adverbial modification: The view from modern type theories. *Journal of Logic, Language and Information* 26 (1), 45-88.
 11. Chatzikiyriakidis, S. 2016. Afterthoughts in Greek: Gender Mismatches Under a Dynamic Framework. *Journal of Linguistics* 53(2), 279-325.
 12. Kempson R., Ronnie, C., Gregoromichelaki, E. and Chatzikiyriakidis S. 2016. Languages as Mechanisms for Interaction. *Theoretical Linguistics* 42(3-4), 203-276.
 13. Kempson, R, Chatzikiyriakidis, S. and Cann R. 2015. Mechanisms for Interaction: Syntax as Procedures for Online Interactive Meaning Building. Commentary to Christiansen and Chater : Now-or-Never: A Fundamental Constraint on Language. *Behavioral and Brain Sciences*.
 14. Chatzikiyriakidis, S. and Luo Z., 2014. Natural Language Inference in Coq. *Journal of Logic, Language and Information* 23(4):441-480.
 15. Chatzikiyriakidis, S. 2012. A Dynamic Account of the Cypriot Greek Clitic Positioning system. *Lingua* 122(6), 642-672.
 16. Chatzikiyriakidis, S. and Kempson, R., 2011. Standard Modern and Pontic Greek Person Restrictions: A feature-free Dynamic Account. *Journal of Greek Linguistics* 11(2), 127-166.
 17. Chatzikiyriakidis, S., 2009. Clitics in Grecia Salentina Greek : A Dynamic account. *Lingua*, 119: 1939-1968. Elsevier Publishing.

Book chapters, Conference Proceedings

1. Grove, J., Bernardy, JP. and Chatzikiyriakidis S., 2021. From Compositional Semantics to Bayesian Pragmatics via Logical Inference. *Proceedings of the workshop on Natural Logic and Machine Learning, IWCS 2021*. Bernardy, JP. and Chatzikiyriakidis S., 2021. Applied Temporal Analysis: A Complete Run of the FraCaS test suite. *Proceedings of the 14th International Conference of Computational Semantics, IWCS 2021*.
2. Talman, A., Apidianaki, M., Chatzikiyriakidis, S. and Tiedemann, J., 2021. NLI Data Sanity Check: Assessing the Effect of Data Corruption on Model Performance. *Proceedings of the*

- 23rd Nordic Conference on Computational Linguistics (NoDaLiDa 22).
3. Chatzikiyriakidis, S. and Luo, Z., 2021. Gradability in MTT-semantics. *Postproceedings of the Thirteenth International Tbilisi Symposium on Language, Logic and Computation*. Lecture Notes in Computer Science, Springer.
 4. Bernardy, JP., Blanck, R., Chatzikiyriakidis, S., Lappin, S. and Maskharashvili A. Bayesian Inference Semantics for Natural Language. To appear at *Probabilistic Approaches to Linguistic Theory*, CSLI publications.
 5. Chatzikiyriakidis S. 2020. Dialogue Informing Syntax/Semantics: The Case of Afterthoughts. *Proceedings of the 24th Workshop on the Semantics and Pragmatics of Dialogue (WatchDial2020)*.
 6. Gregoromichelaki, E., Chatzikiyriakidis, S., Eshghi, A., Hough, J., Howes, C., Kempson, R., Kiaer, J., Purver, M., Sadrzadeh, M. and White, G. 2020. Affordance Competition in Dialogue: The Case of Syntactic Universals. *Proceedings of the 24th Workshop on the Semantics and Pragmatics of Dialogue (WatchDial2020)*.
 7. Ek, E., Bernardy, JP and Chatzikiyriakidis S. 2020. How does Punctuation Affect Neural Models in Natural Language Inference. *Proceedings of the Conference on Probability and Meaning (PAM 2020)*, ACL anthology.
 8. Qwaider, C., Saad, M., Chatzikiyriakidis, S. and Dobnik S. and Johansson. R., 2020 An Arabic Tweets Sentiment Analysis Dataset (ATSAD) using Distant Supervision and Self Training. *Proceedings of the 4th Workshop on Open-Source Arabic Corpora and Processing Tools, LREC2020*.
 9. Bernardy, JP. and Chatzikiyriakidis S., 2020. Improving the Precision of Natural Textual Entailment Problems. *Proceedings of the 12th Conference on Language Resources and Evaluation*, Marseille, France.
 10. Qwaider, C., Saad, M., Chatzikiyriakidis, S. and Dobnik S., 2019 LSTM-CNN Deep Learning Model for Sentiment Analysis of Dialectal Arabic. *Proceedings of The International Conference on Arabic Language Processing 2019 (CITALA)*.
 11. Qwaider, C, Chatzikiyriakidis,
 12. S. and Dobnik S., 2019. Can Modern Standard Arabic Approaches be Used for Arabic Dialects? Sentiment Analysis as a Case Study. *Proceedings of the 3rd Workshop on Arabic Corpus Linguistics (WACL-3)*, Cardiff, UK.
 13. Bernardy, JP., Blanck, R., Chatzikiyriakidis, S., Lappin, S. and Maskharashvili A. 2019. Predicates as Boxes in Bayesian Semantics for Natural Language. *Proceedings of the 22nd Nordic Conference on Computational Linguistics (NoDaLiDa 21)*, Turku, Finland.
 14. Bernardy, JP. and Chatzikiyriakidis S., 2019. A Wide-Coverage Symbolic Natural Language Inference System. *Proceedings of the 23rd Nordic Conference on Computational Linguistics (NoDaLiDa 21)*,. Turku, Finland.
 15. Talman, A. and Chatzikiyriakidis, S., 2019. Testing the Generalization Power of Neural Network Models Across NLI Benchmarks. *Proceedings of the BlackboxNLP workshop, ACL2019*.
 16. Bernardy, JP, Blanck, R., Chatzikiyriakidis, S., Lappin S. and Maskharashvili A., 2019. Bayesian Inference Semantics: A Modelling System and A Test Suite. *Proceedings of the Eighth Joint Conference on Lexical and Computational Semantics*.
 17. Bernardy, JP. and Chatzikiyriakidis S., 2019. What kind of Natural Language Inference are NLP systems learning: Is this enough? *Proceedings on the 11th International Conference*

- on Agents and Artificial Intelligence, Special Session on Natural Language Processing in Artificial Intelligence.*
18. Qwaider, C., Saad, M., Chatzikiyriakidis, S. and Dobnik S. 2018. A Lexical Distance Study of Arabic Dialects. *Proceedings of the 2nd Conference on Arabic Computational Linguistics.*
 19. Bernardy, JP., Blanck, R., Chatzikiyriakidis, S. and Lappin S. 2018. A Compositional Bayesian Semantics for Natural Language. *Proceedings of the workshop on Language, Cognition and Computational Models*, COLING 2018.
 20. Xue, T., Luo, Z. and Chatzikiyriakidis S. 2018. Propositional Forms of Judgemental Interpretations. *Proceedings of the Fifth Workshop on Natural Language and Computer Science (NLCS 2018, affiliated with FLoC)*, Oxford. 2018.
 21. Qwaider, C., Saad, M., Chatzikiyriakidis, S. and Dobnik S. 2018. Shami: A Corpus of Levantine Arabic Dialects. *Proceedings of the Eleventh International Conference on Language Resources and Evaluation (LREC 2018).*
 22. Chatzikiyriakidis, S. and Luo, Z., 2017d. Identity Criteria of CNs: Quantification and Co-predication. *Workshop on Approaches to Coercion and Polysemy*. Oslo, 2017.
 23. Bernardy, JP and Chatzikiyriakidis S., 2017. A Type-Theoretical System for the FraCaS Test Suite: Grammatical Framework Meets Coq. *Proceedings of the 12th International Conference on Computational Semantics*, Montpellier, France.
 24. Kempson R., Ronnie, C., Gregoromichelaki, E. and Chatzikiyriakidis S. 2017. Action-based Grammar. Reply to replies of "Language as Mechanisms for Interaction", *Theoretical Linguistics* 42.
 25. Chatzikiyriakidis, S., Cooper, R., Dobnik, S. and Larsson, S. 2017. An Overview of Natural Language Inference Data Collection: The Way Forward? *Proceedings of the workshop on Computing Natural Language Inference, IWCS2017.*
 26. Bizzoni, Y., Chatzikiyriakidis, S. and Ghanimifard, M. 2017. "Deep Learning": Detecting Metaphoricity in Adjective-Noun Pairs. *Proceedings of the workshop on Stylistic Variation, EMNLP2017.*
 27. Chatzikiyriakidis S. and Cooper R. Type Theories for Natural Language Semantics. Entry at the *Oxford Reference Encyclopedia*.
 28. Kempson, R., Chatzikiyriakidis S. and Howes C. 2017. Cognitive science, Language as a Tool for Interaction, and a New Look at Language Evolution. *Proceedings of the workshop on Formal Approaches to Linguistic Interaction, ESSLLI2017.*
 29. Chatzikiyriakidis, S. and Luo, Z., 2016. Proof Assistants for Natural Language Semantics. *Proceedings of Logical Aspects of Computational Linguistics 2016, LNCS.*
 30. Chatzikiyriakidis, S. Natural Language Reasoning Using Coq: Interaction and Automation. *Proceedings of TALN2015.*
 31. Chatzikiyriakidis, S. and Luo, Z. 2015. Individuation Criteria, Dot-types and Co-predication: The view from Modern Type Theories. *Proceedings of Mathematics of Language 2015, ACL anthology 2015.*
 32. Chatzikiyriakidis, S. and Luo, Z. 2016 Introduction: Modern Perspectives in Type-Theoretical Semantics. In: Chatzikiyriakidis S. and Luo Z. (eds.), *Modern Perspectives in Type-Theoretical Semantics.*
 33. Chatzikiyriakidis, S. and Luo, Z., 2016 On the Interpretation of CNs: Types vs Predicates. In: Chatzikiyriakidis S. and Luo Z. (eds.), *Modern Perspectives in Type-Theoretical Semantics.*
 34. Chatzikiyriakidis, S., Michelioudakis, D. and Spathas, G. 2015. Greek Focus operators and

- their associates. *Proceedings of the 35th Annual Meeting of the Department of Linguistics (AMGL 35)*, Aristotle University, Thessaloniki, Greece. Chatzikiyiakidis, S. 2015.
35. Polydefinites in Modern Greek: The Missink LINK. *Proceedings of the 11th International Conference on Greek Linguistics (ICGL 11)*.
 36. Chatzikiyiakidis, S. and Luo, Z. 2015. Using Signatures in Type Theory to Represent Situations. *Post-proceedings of Logic and Engineering of Natural Language Semantics 11*. LNAI, Springer.
 37. Chatzikiyiakidis, S., 2014. Adverbs in a Modern Type Theory. In *Proceedings of Logical Aspects of Computational Linguistics*, LNCS 8535, 44-56.
 38. Chatzikiyiakidis, S. and Luo Z., 2014 . Natural Language Reasoning Using Proof Technology: Rich Typing and Beyond. *Proceedings of workshop on Type Theory and Natural Language Semantics*, EACL 2014.
 39. Chatzikiyiakidis, S. and Luo, Z., 2013. An Account of Natural Language Coordination in Type Theory with Coercive Subtyping. *Selected Papers of the 7th International Workshop on Constraint Solving and Language Processing*, LNCS 8114.
 40. Chatzikiyiakidis S. and Luo Z., 2013. Adjectives in a Modern Type-Theoretical Setting. *Proceedings of Formal Grammar 2013*, Dusseldorf. LNCS 8036.
 41. Chatzikiyiakidis, S., 2013. Underspecification Restrictions in Polyrhythmic processing. In: Kempson, R. and Orwin, M. and Howes, C. (Eds.), *Language, Music and Interaction*, College Publications.
 42. Kempson R., Gregoromichelaki, E. and Chatzikiyiakidis, S., 2013. Joint utterances in Greek and English: Implications for Linguistic Modelling. In: Stavrou, M., (ed), *Proceedings of the 33rd Annual Meeting of the Department of Linguistics of Aristotle University*, April 2012
 43. Chatzikiyiakidis, S., 2011. A Dynamic Account of Clitic Climbing: A First Sketch. In: Kempson R., Gregoromichelaki, E. and Howes, C.(eds), *The Dynamics of Lexical Interfaces*, CSLI publications.
 44. Chatzikiyiakidis, S. and Kempson, R., 2010a. A Dynamic Account of the Person Case Constraint in Greek. *Proceedings of the 9th International Conference on Greek Linguistics*, Chicago, October 2009.
 45. Chatzikiyiakidis, S., 2010. Clitic Climbing in Grecia Salentina Greek: A Dynamic Account. In: Ralli, A., and Karasimos, A., *Proceedings of the 4th International Conference on Greek Dialects and Linguistic Theory*, Chios, June 2009.
 46. Bouzouita, M, and Chatzikiyiakidis, S., 2009. Clitics as Calcified Processing Strategies. *Proceedings of the 14th international conference on Lexical Functional Grammar*, Cambridge, July 2009, CSLI publications.

Conferences/Workshops with peer-reviewed abstracts

1. Chatzikiyiakidis, S. 2019. Constructive Dynamic Syntax. *3rd Dynamic Syntax Conference*, University of Malta, May 2019.
2. Chatzikiyiakidis S. 2018. CoDyLan: Towards Doing (some) Inference for DyLan. *2nd Dynamic Syntax Conference*, University of Edinburgh, April 2018.
3. Chatzikiyiakidis S. and Luo, Z. 2017. Identity Criteria of CNs: Quantification and Copredication, Extended abstract, workshop on Approaches to Coercion and Polysemy, Oslo.
4. Chatzikiyiakidis, S. 2017. Modification in Dynamic Syntax. *1st Dynamic Syntax Confer-*

- ence, SOAS, University of London, April 2017.
5. S. Chatzikiyiakidis, D. Michelioudakis and G. Spathas, “Prepositional genitives in Northern Greek beyond suppletion”, 7th International Conference on Modern Greek dialects and Linguistic Theory, Rethymnon, Greece, 2016.
Chatzikiyiakidis, S. 2016. Languages as Mechanisms for Interaction: The Case of Weak Object Pronouns. *INTERACTION2016 workshop*, Ghent, June 2012.
 6. Chatzikiyiakidis, M. Michelioudakis and S. Spathas, “Promiscuous apo-phrases in Grevena Greek”, 12th International Conference on Greek Linguistics, 2016.
 7. Chatzikiyiakidis, S., Gregoromichelaki, E. and Kempson, R. 2012. Modelling shared constraints in language and music: polyrhythm processing in Dynamic Syntax: Shared Mechanisms in Language and Music – What Neurocognition and Disorders Reveal workshop. *SMART Cognitive Science Conference*, Amsterdam.
 8. Sitaridou I. Chatzikiyiakidis S. 2021. Cultural Survival Shifts Focus: The Case of Pontic Greek. ‘When Empires Clash: Modern-day Outcomes of Historical Greek and Turkish Language Encounters’, *MedWorlds 4*.
 9. Chatzikiyiakidis S. 2011. *The Historical Development of the Clitic Systems of three Dialects of Modern Greek*. 20th International Conference on Historical Linguistics, Osaka, Japan.
 10. Chatzikiyiakidis, S. 2011. Modern Greek Right Dislocations: The Case of Afterthoughts. *20th International Symposium of Theoretical and Applied Linguistics*, Thessaloniki, Greece.

Talks in Conferences/Workshops/Seminars

1. Grove, J., Bernardy, JP. and Chatzikiyiakidis S. 2021. From Compositional Semantics to Bayesian Pragmatics via Logical Inference. *Workshop on Natural Logic and Machine Learning*, IWCS 2021.
2. Bernardy, JP. and Chatzikiyiakidis S. 2021. Applied Temporal Analysis: A Complete Run of the FraCaS test suite. *14th International Conference of Computational Semantics (IWCS 2021)*
3. Talman, A., Apidianaki, M., Chatzikiyiakidis, S. and Tiedemann, J. 2021. NLI Data Sanity Check: Assessing the Effect of Data Corruption on Model Performance. *23rd Nordic Conference on Computational Linguistics (NoDaLiDa 22)*.
4. Chatzikiyiakidis S. 2020. Dialogue Informing Syntax/Semantics: The Case of Afterthoughts. *24th Workshop on the Semantics and Pragmatics of Dialogue (WatchDial2020)*.
5. Gregoromichelaki, E., Chatzikiyiakidis, S., Eshghi, A., Hough, J., Howes, C., Kempson, R., Kiaer, J., Purver, M., Sadrzadeh, M. and White, G. 2020. Affordance Competition in Dialogue: The Case of Syntactic Universals. *24th Workshop on the Semantics and Pragmatics of Dialogue (WatchDial2020)*.
6. Ek, E., Bernardy, JP and Chatzikiyiakidis S. 2020. How does Punctuation Affect Neural Models in Natural Language Inference. *Conference on Probability and Meaning (PAM 2020)*, Gothenburg, October 2020.
7. Qwaider, C., Saad, M., Chatzikiyiakidis, S. and Dobnik S. and Johansson. R. 2020. An Arabic Tweets Sentiment Analysis Dataset (ATSAD) using Distant Supervision and Self Training. *12th Language Resources and Evaluation Conference (LREC 2020)* (postponed due to covid-19).
8. Bernardy, JP. and Chatzikiyiakidis S., 2020. Improving the Precision of Natural Textual Entailment Problems. *12th Language Resources and Evaluation Conference (LREC 2020)*

(postponed due to covid-19).

9. Qwaider, C., Saad, M., Chatzikyriakidis, S. and Dobnik S. 2019. LSTM-CNN Deep Learning model for Sentiment Analysis of Dialectal Arabic. *The International Conference on Arabic Language Processing 2019 (CITALA)*.
10. Talman, A. and Chatzikyriakidis, S., 2019. Testing the Generalization Power of Neural Network Models Across NLI Benchmarks. *BlackboxNLP workshop, ACL2019*.
11. Chatzikyriakidis, S. and Luo, Z. 2019. Gradability in MTT semantics. *Thirteenth International Tbilisi Symposium on Language, Logic and Computation*, Batumi, Georgia, September 2019.
12. Chatzikyriakidis, S. 2019. Constructive Dynamic Syntax. *3rd Dynamic Syntax Conference*, University of Malta, May 2019.
13. Bernardy, J.P and Chatzikyriakidis S. 2019. What kind of Natural Language Inference are NLP systems learning: Is this enough? *11th International Conference on Agents and Artificial Intelligence, Special Session on Natural Language Processing in Artificial Intelligence*.
14. Qwaider, C., Chatzikyriakidis, S. and Dobnik S. 2018. Can Modern Standard Arabic Approaches be used for Arabic Dialects? Sentiment Analysis as a Case Study. *3rd Workshop on Arabic Corpus Linguistics (WACL-3)*, Cardiff, UK, 2018.
15. Chatzikyriakidis, S. 2018. CoDyLan: Towards Doing (some) Inference for DyLan. *2nd Dynamic Syntax Conference*, University of Edinburgh, April 2018.
16. Qwaider, C., Saad, M., Chatzikyriakidis, S. and Dobnik S., A Lexical Distance Study of Arabic Dialects. *2nd Conference on Arabic Computational Linguistics*.
17. Chatzikyriakidis, S. 2018. To Infer or not Infer: Natural Language and Computational Semantics. *Docent Lecture* at the Department of Philosophy, Linguistics and Theory of Science, Gothenburg, Sweden.
18. Xue, T., Luo Z. and Chatzikyriakidis, S. 2018. Propositional Forms of Judgemental Interpretations. *Natural Language and Computer Science workshop (NLCS 18, affiliated with FLoC)*, Oxford.
19. Chatzikyriakidis, S. and Luo, Z. 2017. Identity Criteria of CNs: Quantification and Copredication. *Workshop on Approaches to Coercion and Polysemy*. Oslo, November 2017.
20. Chatzikyriakidis, S., Cooper, R., Dobnik, S. and Larsson, S. 2017. An overview of Natural Language Inference Data Collection: The way forward? *Computing Natural Language Inference workshop, IWCS2017*.
21. Bernardy JP and Chatzikyriakidis, S. 2017. A Type-Theoretical system for the FraCaS test suite: Grammatical Framework meets Coq. *12th International Conference on Computational Semantics*
22. Chatzikyriakidis S., Howes, C. and Kempson R. 2017. Cognitive science, language as a tool for interaction, and a new look at language evolution. *Formal Approaches to the Dynamics of Linguistic Interaction workshop (FADLI), ESSLLI 2017*.
23. Chatzikyriakidis, S., Michelioudakis, M. and Spathas, G. 2017. Prepositional genitives in Northern Greek beyond suppletion. *7th International Conference on Modern Greek dialects and Linguistic Theory*, Rethymnon, Greece.
24. Chatzikyriakidis, S. 2017. Modification in Dynamic Syntax. *1st Conference on Dynamic Syntax*, London, April 2017.
25. Chatzikyriakidis S. 2016. Natural Language Inference: Is type theory relevant? *ProgLog seminar*, Chalmers University, Gothenburg.

26. Chatzikiyriakidis, S. and Zhaohui L. 2016. Proof assistants for Natural Language Semantics. *Logical Aspects of Computational Linguistics*, Nancy, December 2016. Chatzikiyriakidis, S. 2016. Languages as Mechanisms for Interaction: The Case of Weak Object Pronouns. *INTERACTION2016* workshop in Ghent, Belgium, 24-25 June 2016.
27. Chatzikiyriakidis S. and Eshghi A. 2016. Incremental Semantic Parsing in English and Greek Dialogue. *37th Annual Meeting of the Department of Linguistics (AMGL 37)*, Thessaloniki, Greece, 12 May 2016.
28. Chatzikiyriakidis, S. 2016. Modern Type Theoretical Semantics: Reasoning Using Proof-Assistants. *The 6th Annual CLT workshop*.
29. Chatzikiyriakidis, S. 2015. Modern Type Theoretical Semantics, Inference and Probability Theory. Workshop launching the *Centre for Linguistic Theory and Studies in Probability*.
30. Chatzikiyriakidis S. Michelioudakis M. and Spathas G. 2015. On the syntax of association with focus in Greek. *The 12th International Conference on Greek Linguistics (ICGL 12)*, Berlin.
31. Chatzikiyriakidis S., Michelioudakis and Spathas G. 2015. Promiscuous apo-phrases in Grevena Greek. *The 12th International Conference on Greek Linguistics (ICGL 12)*, Berlin.
32. Chatzikiyriakidis, S. and Luo, Z. 2015. Individuation criteria, dot-types and co-predication: The view from Modern Type Theories. *Mathematics of Language 2015 (MOL 2015)*.
33. Chatzikiyriakidis, S. 2015. Coq as a Natural Language Reasoner, Interaction and Automation. *TALN2015*.
34. Kempson R., Chatzikiyriakidis S. and Cann R. 2015. The Interactive Building of Names. *Epsilon calculus Workshop*, Montpellier 2015.
35. Chatzikiyriakidis, S., Lafourcade, M., Ramadier, L. and Zarrouk, M. 2015. Modern Type Theories and Lexical Networks: Using Serious Games as the Basis for Multi-Sorted Typed Systems. *Type Theory and Lexical Semantics (TyTLeS) workshop*, ESSLLI2015.
36. Chatzikiyriakidis, S. and Spathas, G. 2015. Bisyndetic Distirbutive Conjunction and additive ke under a diachronic perspective. *AMGL35*, Thessaloniki, Greece, 2015.
37. Chatzikiyriakidis, S., Gregoromichelaki, E. and Kempson, R., Modelling shared constraints in language and music: polyrhythm processing in Dynamic Syntax. Presented at the Shared Mechanisms in Language and Music –What Neurocognition and Disorders Reveal workshop, SMART Cognitive Science Conference, Amsterdam, March 2015.
38. Chatzikiyriakidis, S., Gregoromichelaki, E. and Kempson R., Language as a Set of Mechanisms for Interaction. Presented at the Interactive Meaning Construction Workshop, IWCS2015.
39. Chatzikiyriakidis, S. and Luo, Z. 2014. Using Signatures to Represent Situations in Modern Type Theories. *Logic and Engineering of Natural Language (LENLS)*, Kanagawa, Japan, November 2014.
40. Chatzikiyriakidis, S. 2014. Adverbs in a Modern Type Theory. Presented at Logical Aspects of Computational Linguistics 2014.
41. Chatzikiyriakidis, S., Michelioudakis, D. and Spathas, G., Greek focus operators and their associates. *35th Annual Meeting of the Department of Linguistics (AMGL 35)*.
42. Chatzikiyriakidis, S. and Luo Z. 2014. Natural Language Reasoning Using Proof Technology: Rich Typing and Beyond. Workshop on Type Theory and Natural Language Semantics, EACL 2014.
43. Chatzikiyriakidis, S. 2013. The Dynamics of Polydefinites in Greek: the Missing LINK. *11th International Conference on Greek Linguistics*, Rhodes, September 2013.

44. Chatzikiyriakidis, S. and Luo, Z. 2013. Adjectives in a Modern Type-Theoretical Setting. *Formal Grammar*, ESSLLI 2013, Düsseldorf, August 2013.
45. Chatzikiyriakidis, S. 2013. Underspecification Restrictions in Polyrhythmic Processing(?). Panel 'Music, Language, and Interaction', *4th Annual Conference of the Royal Musical Association*, King's College, London, July 2013.
46. Chatzikiyriakidis, S. 2012. Underspecification Restrictions in Morphosyntax and Polyrhythmic Processing(?). Language, Music and Interaction workshop, Queen Mary, November 2012.
47. Chatzikiyriakidis, S., An Account of NL coordination in Type Theory with Coercive Subtyping. *7th International Workshop on Constraint Solving and Language Processing*, Orleans
48. Kempson, R., Chatzikiyriakidis, S. and Orwin, M. 2012. Language, Music and Interaction. *2012 Meeting of the Linguistic Association of Great Britain (LAGB 2012)*
49. Sitaridou, I. and Chatzikiyriakidis S. 2012, Cultural Survival Shifts Focus: The Case of Pontic Greek. Presented at the panel entitled 'When empires clash: modern-day outcomes of historical Greek and Turkish language encounters', *MedWorlds 4*, 29 Mayis University, Istanbul 5-7/09/2012.
50. Chatzikiyriakidis, S. 2011. The Historical Development of the Clitic Systems of three Dialects of Modern Greek. 20th International Conference on Historical Linguistics, Osaka, July 2011.
51. Chatzikiyriakidis, S. 2011. Modern Greek Right Dislocations: The Case of Afterthoughts. *20th International Symposium of Theoretical and Applied Linguistics*, Thessaloniki, April 2011.
52. Chatzikiyriakidis, S. 2010. Pontic Greek Clitics. *Greek Dialectal Syntax* reading group, Queen's College, Cambridge, Spring 2010.
53. Chatzikiyriakidis, S. 2009. Grecia Salentina Greek clitics. *Greek Dialectal Syntax reading group*, Queen's College, Cambridge, Spring 2009.
54. Kempson, R. and Chatzikiyriakidis, S. 2009. The Person Case Constraint as a restriction on underspecification. *9th international conference on Greek Linguistics*, Chicago, October 2009.
55. Chatzikiyriakidis, S. 2009. Clitic Climbing: A Dynamic Account. *2009 Meeting of the Linguistic Association of Great Britain (LAGB 2009)*
56. Bouzouita, M. and Chatzikiyriakidis, S. 2009. Clitics as calcified Processing Strategies: The Case Study of Spanish clitic Placement and the PCC as a Tree Logic Restriction. *The 14th International LFG conference*, Cambridge, 2009.
57. Kempson, R. and Chatzikiyriakidis, S. 2009. The PCC as a Restriction on Tree-growth. *Formal vs. Processing Explanations of Syntactic Phenomena conference* workshop, York, April 2009.
58. Chatzikiyriakidis, S. 2009. Climbing in Grecia Salentina Greek: A Dynamic Account. *4th International Conference of Greek Dialects and Linguistic Theory*, Chios, Greece, 2009.
59. Chatzikiyriakidis, S. 2008. A Dynamic Account of Clitics in Standard Modern and Grecia Salentina Greek. *3rd Postgraduate conference in Theoretical and Applied Linguistics*, Newcastle, 2008.
60. Chatzikiyriakidis, S. 2008. Clitic climbing in Grecia Salentina Greek: A Dynamic Syntax Account. *Generative Linguistics in the Old World (GLOW) summer school*, Barcelona.
61. Chatzikiyriakidis, S. 2007. Clitics in Grecia Salentina Greek. *The PCC fest*, Queen Mary

university, London, November 2007.

62. Chatzikiyiakidis, S. 2007. Standard Modern and Grecia Salentina Greek clitics: A Dynamic Account. Workshop on Greek clitic-pronoun variation, King's College, London, November 2007.

Invited Talks

1. Chatzikiyiakidis S. 2019. To Infer or not Infer: Natural Language Inference and Computational Semantics. Semantics in Athens III, 2019.
2. Chatzikiyiakidis, S. 2018 Formal Semantics in MTTs: Playing around with the Coq Proof Assistant. *Invited tutorial at NASSLLI 2018.*
3. Chatzikiyiakidis, S. 2018. Formal Semantics in Modern Type Theories. *Invited talk at NASSLLI 2018.*
4. Chatzikiyiakidis, S. 2017. Modern Type Theoretical Semantics and Reasoning with Natural Language. Invited talk given at the Logic seminar, Department of Philosophy, Linguistics and Theory of Science, University of Gothenburg, November 2017.
5. Chatzikiyiakidis, S. 2018. A Fragment Answer Inspired View of Afterthoughts: Gender Mismatches in Greek. Invited talk given at the Linguistics Circle, University of Edinburgh, March 2018.
6. Chatzikiyiakidis S. 2018. Infer like a Human? NLP and the Challenge of Natural Language Inference. Invited talk at the University of Helsinki, Language Technology Research Seminar, September 2018.
7. Chatzikiyiakidis, S. 2017. Proof Assistants to the Rescue. Invited talk at Semantics in Athens 2017.
8. Chatzikiyiakidis, S. 2017. Coq for Natural Language Semantics. Three day invited tutorial at the Center of Advanced Study, Oslo, November 2017.
9. Chatzikiyiakidis, S. 2017. Natural Language Inference: Is type theory relevant? Invited talk at the SFB Kolloquium at the University of Düsseldorf, June 2017.
10. Chatzikiyiakidis, S. 2017. In Defence of Lost Causes: Type Theories for Natural Language Semantics. Invited talk at the Semantics and Pragmatics Exchange SemPrE Group, Düsseldorf, June 2017.
11. Kempson R. and Chatzikiyiakidis, S. 2012. Grammars as Mechanisms for Real-Time Tree-Growth: Explaining Clitic Pronouns (Invited talk). Presented at CSLP12, Orleans.
12. Kempson R., Gregoromichelaki, E. and Chatzikiyiakidis, S. 2012. Joint Utterances in Greek and English: Implications for Linguistic Modelling. Invited talk at the 33rd Annual Meeting of the Department of Linguistics of Aristotle University, April 2012.
13. Chatzikiyiakidis, Stergios. A Strictly Enclitic System: A first sketch of a Diachronic Account of the Pontic Greek clitic positioning system. Invited talk at the 2nd Romeyka workshop, Queen's college, Cambridge, April 2012.
14. Chatzikiyiakidis, Stergios. Pontic Greek Person Restrictions: Evidence for a feature free account of the Person Case Constraint. Invited Talk given at the two day conference in honour of Professor Ruth Kempson, SOAS, London, November 2010.

Posters

1. Bernardy, JP., Blanck, R., Chatzikiyiakidis, S. and Lappin S. 2018. A Compositional Bayesian Semantics for Natural Language. *Workshop on Language, Cognition and Computational*

- Models*, COLING 2018.
2. Bernardy, JP., Blanck, R., Chatzikiyriakidis, S., Lappin, S. and Maskharashvili A. 2019. Predicates as Boxes in Bayesian Semantics for Natural Language. NoDaLiDa 2019, Turku, Finland.
 3. Talman, A. and Chatzikiyriakidis, S., 2019. Testing the Generalization Power of Neural Network Models Across NLI Benchmarks. *BlackboxNLP workshop*, ACL2019.
 4. Qwaider, C., Saad, M., Chatzikiyriakidis, S. and Dobnik S. 2018. Shami: A Corpus of Levantine Arabic Dialects. *Eleventh International Conference on Language Resources and Evaluation* (LREC 2018).
 5. Bizzoni, Y., Chatzikiyriakidis, S. and Ghanimifard, M. 2017. "Deep Learning": Detecting Metaphoricity in Adjective-Noun Pairs. *Workshop on Stylistic Variation*, EMNLP2017.
 6. Chatzikiyriakidis, S. Clitic positioning in Cypriot Greek revisited: Complex Subordinators/Particles with *tze*. *5th International Conference on Greek Dialects and Linguistic Theory*, Ghent, September 2012.
 7. Chatzikiyriakidis, S. Person Restrictions in Pontic Greek: Evidence for a feature-free account of the Person Case Constraint. *10th International Conference on Greek Linguistics*, Komotini, September 2011.

Teaching

1. Introduction to Formal Linguistics, University of Gothenburg. Master's level, part of the master in language technology. Course organizer with Bill Noble and co-teaching with Bill Noble and Åsa Abelin, Autumn 2020
2. Introduction to Formal Linguistics, University of Gothenburg. Master's level, part of the master in language technology. Co-teaching with Ellen Breitholtz (course organizer), Åsa Abelin and Dana Danniels, Autumn 2019
3. Advanced Issues in Arabic Natural Language Processing. Reading course at PhD level at the Centre for Linguistic Theory and Studies in Probability, University of Gothenburg, Autumn 2019.
4. Constructive Type Theories and Natural Language Semantics Course at the PhD level at the Centre for Linguistic Theory and Studies in Probability, University of Gothenburg, Autumn 2019.
5. Semantics and Pragmatics, University of Gothenburg. Undergraduate level. Co-teaching with Ellen Breitholtz
6. Introduction to Formal Linguistics, University of Gothenburg. Master's level, part of the master in language technology. Course organizer and co-teaching with Haris Themistocleous, 2016-2018
7. General Linguistics (Phonetics/Phonology, Morphology, Syntax, Semantics, Pragmatics). Master's level, Open University of Cyprus, 2011-2014, 2015-2017
8. Intro to Dynamic Syntax. ACTL, UCL. Co-lecturer with Ruth Kempson and teaching assistant. 2010
9. Intro to Dynamic Syntax. SOAS. Co-lecturer with Ruth Kempson and Lutz Marten. 2009/2010
10. Intro to Dynamic Syntax. SOAS. Tutorials for the course taught by Ruth Kempson and Lutz Marten, 2007-2009

Other Teaching

1. Language Technology. Guest lecturer. Course organized by Eleni Gregormichelaki (2020), University of Gothenburg.
2. From Montague Semantics To Modern Type Theories: A Meaningful Comparison. ESS-LLI2019 advanced summer school course.
3. Computational Semantics and Type Theory with Records: from perception to communication. Guest lecturer, two lectures. University of Gothenburg. Course taught by Staffan Larsson.
4. Coq for Natural Language Semantics. Centre for Advanced Study at the Norwegian Academy of Science and Letters.
5. Formal Semantics in Modern Type Theories: Theory and Implementation). Advanced course, ESSLLI2014
6. Language Technology. Guest lecturer. Course organized by Simon Dobnik (2017-2018), University of Gothenburg.

Supervision

1. Katheine Abu Kwaik, PhD in Computational Linguistics, University of Gothenburg, main supervisor, 2016-2021
2. Adam Ek, PhD in Computational Linguistics, University of Gothenburg, second supervisor, 2019-2023
3. Tewodros Gebreselassie, PhD in Computational Linguistics, University of Gothenburg, second supervisor, 2020-2024
4. Papanastasiou Anthi, PhD in Modern Greek Literature, University of Crete, third supervisor, 2020-
5. Eleni Latanioti, MA thesis in Linguistics, Open University of Cyprus (General Linguistics)
6. Styliani Fragkopoulou, MA thesis in Linguistics, Open University of Cyprus (Pragmatics)
7. Aikaterini Kaniaka, MA thesis in Linguistics, Open University of Cyprus (Sociolinguistics)
8. Aikaterini Theofilopoulou, MA thesis in Linguistics, Open University of Cyprus (Pragmatics)
9. Panagiotis Paltzis, MA thesis in Linguistics, Open University of Cyprus (Formal Syntax)
10. Maria Mavrothanasi, MA thesis in Linguistics, Open University of Cyprus (Sociolinguistics)
11. Christina Nasiopoulou, MA thesis in Linguistics, Open University of Cyprus (Literacy)
12. Eugenia Papalamprou, MA thesis in Linguistics, Open University of Cyprus (Critical Literacy)

Thesis committee examiner

1. Evanthi Papanikola. Clitic positioning in modern standard Cypriot: structural and sociolinguistic parameters. PhD thesis, Open University of Cyprus, to be defended summer 2021.
2. Léo Zaradzki. Les évènements en sémantique linguistique et musicale. PhD thesis, Université de Paris, 2021.
3. Frida Blomqvist. In between truth and falsity. Possibilities for analysing perceived intermediacy. MA thesis, University of Gothenburg, September 2017.
4. Liakou Eleftheria, MA thesis in Linguistics, June 2017, Open University of Cyprus (Language Ideology)
5. Papapetrou Kostas, MA thesis in Linguistics, June 2017, Open University of Cyprus (Prag-

matICS)

6. Karaki Eleni, MA thesis in Linguistics, June 2017, Open University of Cyprus (Pragmatics)
7. Panagaina, Georgia, MA thesis in Linguistics, January 2017, Open University of Cyprus (Sociolinguistics)
8. Karampekiou, Zoi MA thesis in Linguistics, January 2017, Open University of Cyprus (Sociolinguistics)
9. Vakirli, Kalliopi, MA thesis in Linguistics, June 2017, Open University of Cyprus (Pragmatics)
10. Mpasta, Maria, MA thesis in Linguistics, June 2016, Open University of Cyprus (Pragmatics)
11. Solomou, Anna, MA thesis in Linguistics, June 2017, Open University of Cyprus (Bilingualism Studies)
12. Katsanta, Xanthi, MA thesis in Linguistics, June 2015, Open University of Cyprus (dialectology/phonology)
13. Kontogiorgi, Marilena, MA thesis in Linguistics, January 2015, Open University of Cyprus (dialectology/phonology)
14. Vasileiou, Elena, MA thesis in Linguistics, June 2014, Open University of Cyprus (dialectology/semantics)
15. Trakas, Yannos, MA thesis in Linguistics, June 2014, Open University of Cyprus (sociolinguistics)

Conference/Workshop organization

1. Conference on Reasoning and Interaction (ReInAct), University of Gothenburg, October 4-6, 2021. Co-organizer with Ellen Breitholtz, Simon Dobnik and Christine Howes.
2. Conference on Probability and Meaning (PaM), University of Gothenburg, October 14-16, 2020. Co-organizer with Christine Howes.
3. From Montague Semantics to Modern Type Theories: A Meaningful Comparison. Advanced course at ESSLI2019 (with Zhaohui Luo)
4. 13th International Conference on Computational Semantics (IWCS2019), University of Gothenburg, September 5-6 2018. Co-chair with Vera Demberg and Simon Dobnik.
5. 2nd Swedish Symposium on Deep Learning, University of Gothenburg, September 5-6 2018. Co-chair with Devdatt Dubhashi and Asad Sayeed.
6. First Conference in Logic and Machine Learning in NLP, University of Gothenburg, June 12-14. Co-chair with Shalom Lappin and Simon Dobnik
7. Computing Natural Language Inference. Workshop at IWCS2017. Co-chair with Simon Dobnik, Staffan Larsson and Robin Cooper
8. 2014. Formal Semantics in Modern Type Theories: Theory and Implementation. Advanced course (with Zhaohui Luo)
9. 1st workshop on Romeyka, Queen's College, Cambridge. Co-organizer with Ioanna Sitariidou and Petros Karatsareas
10. LAGB 2007, King's College, London. Assistant organizer.

Journal Reviewing

1. Natural Language Engineering
2. Linguistic Issues in Language Technology

3. Journal of Linguistics
4. Journal of Logic, Language and Information
5. Journal of Language Modeling
6. Synthese
7. South American Journal of Logic
8. Lingua
9. Journal of Logics and its Applications
10. Canadian Journal of Linguistics
11. Transactions of the Philological Society
12. Journal of Greek Linguistics
13. Byzantine and Modern Greek studies

Conference/Workshop Reviewing

1. Beyond Language: Multimodal Semantic Representations workshop. (MMRS 2021)
2. Conference on Neural Information Processing Systems (NeurIPS)
3. International Conference on Distributed Computing and Artificial Intelligence, DCAI
4. Natural Logic Meets Machine Learning, NASSLLI2020 workshop
5. BlackBoxNLP, ACL2020 workshop
6. Joint Conference on Lexical and Computational Semantics (*SEM)
7. Association for Computational Linguistics (ACL)
8. Empirical Methods in Natural Language Processing (EMNLP)
9. International Conference on Arabic Computational Linguistics (ACLing)
10. International Conference on Computational Linguistics (IWCS)
11. Formal approaches to Linguistic Interaction, ESSLLI2017 Workshop
12. First Conference in Logic and Machine Learning (LaML)
13. Logical Aspects of Computational Linguistics (LACL)
14. Workshop on Logic, Language, Information and Computation (WoLLIC)
15. Logic and Engineering of Natural Languages (LENLS)
16. Type Theory and Lexical Semantics, ESSLLI2015 workshop
17. Type Theory and Natural Language Semantics, EACL2014 workshop
18. Symposium of Theoretical and Applied Linguistics, Aristotle University, Thessaloniki

Fieldworking

1. July-August 2007: Fieldworking in the Greek speaking area of Salento in Southern Italy. Collecting data from Grecia Salentina Greek (a variety of the Grieco dialect) at the villages of Martano, Calimera and Sternatia.
2. August 2009: Fieldworking in Northwest Greece. Collecting data from Pontic Greek at the villages of Nea Nikomideia and Palia Likogiani in the prefecture of Imathia and the village of Mikroklisoura in the prefecture of Grevena.

Funding/Research Distinctions

1. Research Leader Initiative for future research leaders, University of Gothenburg, 2019-2020.
2. The Arts and Humanities Research Council (AHRC). PhD studentship (2006/2009)
3. The Leventis Foundation. Partial Funding (6000 pounds pa) given to the highest ranked Cypriot or Greek in the Philosophy department of King's College, London for the years 2006/2008.

4. AHRC. Funds for a fieldwork visit to Southern Italy to collect data from the variety of Griko spoken in the area of Grecia Salentina, July/August 2007
5. August 2008, King's College Small Research grants for attending the GLOW summer school 2008

Participation in Research projects

1. Funding from the Swedish Research agency (VR) for the creation of the Centre for Linguistic Theory and Studies in Probability (CLASP). Role: researcher, research coordinator and associate director of the centre (PI: Prof. Shalom Lappin)
2. Polymnie: Parsing and Synthesis with Abstract Categorical Grammars. From Lexicon to Discourse. ANR project. Postdoctoral researcher (PI: Dr Sylvain Pogodalla)
3. Lexical Semantics in Type Theory with Coercive Subtyping. Leverhulme project. Postdoctoral researcher (PI: Prof. Zhaohui Luo)
4. Foreign and repatriated student education. Researcher (PI: Anna Anastasiadi-Simeonidi)