

# CHARALAMBOS (HARIS) THEMISTOCLEOUS

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**AREAS OF EXPERTISE:** Computational Linguistics, Phonetics, Phonology, Sociophonetics, Research Methodology, Psycholinguistics, Speech Processing, Speech Recognition, Natural Language Processing, Statistics and Machine Learning.

## EMPLOYMENT

Current **GÖTEBORGS UNIVERSITET, SWEDEN.** *Post-Doctoral Researcher, Centre for Linguistic Theory and Studies in Probability (CLASP).*

Sept. 2015 – Dec. 2015 **PRINCETON UNIVERSITY, USA.** *Visiting Research Scholar, the Seeger Center for Hellenic Studies.*

Jan. 2011 – Dec. 2014 **UNIVERSITY OF CYPRUS, CYPRUS.** *Temporary Lecturer (Special Scientist), Department of English Studies.*

Sept. 2012 – May. 2013 **OPEN UNIVERSITY OF CYPRUS, CYPRUS.** *Adjunct Lecturer, Faculty of Humanities and Social Sciences.*

2005 – 2006 **ACADEMY OF ATHENS, LEXICOGRAPHY DEPARTMENT, GREECE.** *Part time researcher. Research Project Utilitarian Dictionary of Modern Greek.*

## EDUCATION

2007 – 2011 **PHD IN LINGUISTICS.** *Prosody and Information Structure in Greek* (supervisor: Professor Antonis Botinis). National and Kapodistrian University of Athens, School of Philosophy, Department of Linguistics, Greece. Grade: *Summa cum laude.*

2006 – 2007 **MSc. IN COMPUTATIONAL LINGUISTICS.** University of Skövde, Sweden.

January – May 2006 **ERASMUS PROGRAM.** University of Skövde, Sweden.

2004 – 2006 **MA IN APPLIED LINGUISTICS.** National and Kapodistrian University of Athens, School of Philosophy, Department of Linguistics. Grade: 9.77 of 10; *summa cum laude.*

2000 – 2004 **BA IN CLASSICS/LINGUISTICS (MAJOR IN LINGUISTICS).** National and Kapodistrian University of Athens, School of Philosophy, Department of Linguistics. Grade: *Summa cum laude*; the 2004 Class Valedictorian in a 400-member graduating class.

## TEACHING

2016 – current **UNIVERSITY OF GOTHENBURG.**

2017. Statistical Methods for NLP. Master's Programme in Language Technology; teaching and course organizing.

2016. Introduction to Formal Linguistics. Master's Programme in Language Technology. Co-teaching with Stergios Chatzikyriakides (course organizer).

2012 – 2014 **UNIVERSITY OF CYPRUS.**

2014: Theoretical Phonology: Suprasegmental Phonology; Principles of Linguistic Analysis; Sociolinguistics.

2013: Sociolinguistics: Phonetics and Phonology (3rd & 4th year elective); Research Design and Statistics for Linguists (3rd & 4th year elective); Sociolinguistics.

2012: Phonetics and Phonology: Advanced Level (3rd & 4th year elective); Phonetics & Phonology; Speech Melody and Conversation (3rd & 4th year elective); Sociolinguistics; Phonetics & Phonology; Information Structure and Prosody (3rd & 4th year elective)

Sept. 2012 – May. 2013 **OPEN UNIVERSITY OF CYPRUS.**

*Greek Linguistics and Literature.* Postgraduate module in Greek Linguistics and Literature (Phonetics, Phonology, Morphology, Syntax, Semantics, and Pragmatics).

Fall 2011 **UNIVERSITY OF CYPRUS.**

*Tutorial. Introduction to Greek Language.*

## RESEARCH EXPERIENCE

Sept. 2015 – Dec. 2015 Research Fellow. The Seeger Center for Hellenic Studies, Princeton University. Princeton University.

Sept. 2014 – Dec. 2014 *Recording, preserving and reviving Cypriot Maronite Arabic.* Cyprus Ministry of Education and Culture.

Sept. 2011 – Dec. 2011 *Mapping the linguistic landscape of Cyprus.* Open University of Cyprus. Sept. 2011 – Sept. 2012] Researcher at the Research Program Syntychies. A Cypriot Greek Dictionary (funded by the University of Cyprus).

2009 – 2011 *Style. Language and Style in the Speeches of Thucydides.* (funded by Anastasios G. Leventis Foundation). Department of Classical Studies and Philosophy. University of Cyprus.

2007 – 2008 Researcher at the “Kapodistrias 2007” and “Kapodistrias 2008” research programs (funded by the Greek Government) that involved a multicore analysis of Greek prosody. National and Kapodistrian University of Athens.

2005 – 2006 Part time researcher. Research Project *Utilitarian Dictionary of Modern Greek.* Lexicography Department. Academy of Athens.

## GRANTS AND SCHOLARSHIPS

2007 – 2010 Alexander S. Onassis Public Benefit Foundation, PhD Scholarship (PhD Thesis).

2007 – 2010 Scholarship from the Cyprus State Scholarships Foundation (Graduate Studies).

2006 – 2007 Scholarship from the Greek State Scholarships Foundation as part of the ERASMUS program in Sweden.

2005 – 2007 Scholarship from the Alexander S. Onassis Public Benefit Foundation (Graduate Studies).

2005 – 2007 Scholarship from the Cyprus State Scholarships Foundation, (Graduate Studies).

2000 – 2004 Scholarship from the Cyprus State Scholarships Foundation, (Undergraduate studies)

## PUBLICATIONS

### JOURNAL ARTICLES

- 2017 **Themistocleous, Charalambos** (forthcoming). Effects of two linguistically proximal varieties on the spectral and coarticulatory properties of fricatives: Evidence from Athenian Greek and Cypriot Greek. *Frontiers in Psychology*.
- Themistocleous, Charalambos** (2017). Classifying linguistic and dialectal information from vowel acoustic parameters. *Speech Communication* 94, 13 – 22. DOI: 10.1016/j.specom.2017.05.003.
- Grohmann Kleanthes, Papadopoulou Elena and **Themistocleous Charalambos** (2017). Acquiring Clitic Placement in Bilectal Settings: Interactions between Social Factors. *Frontiers in Communication* 2:5. doi: 10.3389/fcomm.2017.00005.
- Themistocleous, Charalambos** (2017). Modern Greek vowels and the nature of acoustic gradience. *Phonetica* 74, 157–172. PMID: 28268213, DOI: 10.1159/000450554.
- 2016 **Themistocleous, Charalambos** (2016). Seeking an anchorage: Evidence from the tonal alignment of the Cypriot Greek prenuclear pitch accent. *Language and Speech*, 59(4):433–461, DOI: 10.1177/0023830915614602.
- Themistocleous, Charalambos** (2016). The bursts of stops can convey dialectal information. *Journal of the Acoustical Society of America* 140(4), EL334–EL340. <http://dx.doi.org/10.1121/1.4964818>.
- Themistocleous, Charalambos** (2016). Sextus Empiricus Adversus Grammaticos and the debate Ideal Language vs. Language Variation. *Stasinós* 7, 145–152.
- 2014 **Themistocleous, Charalambos** (2014). Edge-Tone Effects and Prosodic Domain Effects on Final Lengthening. *Linguistic Variation* 14(1), 129–160. DOI: 10.1075/1v.14.1.06the.
- Themistocleous, Charalambos** (2014). Modern Greek Prosody. Using speech melody in communication (Prosodia tis Neas Ellinikis. I axiopoisi tis melodias tis fonis stin epikoinonia). *Stasinós* 6, 319–344.
- Armotis, Spyros, Kyriaci Christodoulou, Marianna, Katsoyannou, and **Charalambos Themistocleous** (2014). *Addressing writing system issues in dialectal lexicography: the case of Cypriot Greek*. In Granadillo, Tania (Eds). *Dialogue on Dialect Standardization* (pp. 23 – 38). Newcastle upon Tyne: Cambridge Scholars Publishing.
- 2013 Tsakmakis, Antonis and **Themistocleous, Charalambos** (2013). *Textual Structure and Modality in Thucydides' Military Exhortations*. In A. Tsakmakis and M. Tamiolaki (Eds). *Thucydides Between History and Literature* (pp. 391 – 408). Berlin, Walter de Gruyter.
- Melissaropoulou, Dimitra, **Themistocleous, Charalambos**, Tsiplakou, Stavroula, & Tsolakidis, Symeon (2013). *The Present Perfect in Cypriot Greek revisited*. In Peter Auer, J. C. Reina & G. Kaufmann (Eds.), *Language Variation - European Perspectives IV: Selected papers from the Sixth International Conference on Language Variation in Europe (ICLaVE 6)*, Freiburg, June 2011 (pp. 159 – 172). Amsterdam: John Benjamins.
- 2012 **Themistocleous, Charalambos** (2012). *Meaning and Form in the Tonal Representation*. In Fragaki, Georgia, Georgakopoulos, Athanasios, **Themistocleous, Charalambos** (Eds). *Current Trends in Greek Linguistics* (pp. 271 – 289). Cambridge: Cambridge Scholars Publishing.
- Themistocleous, Charalambos** (2012). *Cypriot Greek Nuclear Pitch Accents (Ta pirinika tonika ipsitis kypriakis ellinikis)*. In Z. Gavriilidou, A. Efthymiou, E. Thomadaki & P. Kambakis-Vougiouklis (eds), 2012, *Selected papers of the 10th ICGL*, pp. 796 – 805. Komotini/Greece: Democritus University of Thrace.

## BOOKS & MONOGRAPHS

- 2015 **Themistocleous, Charalambos** (2015). *Research Design and Statistics in Linguistics. Using R* (In Greek). Athens: Ion. ISBN: 978-960-508-187-4.

## EDITED VOLUMES

- 2012 Fragaki Georgia, Georgakopoulos Athanasios, **Themistocleous Charalambos** (Eds) (2012). *Current Trends in Greek Linguistics*. Newcastle upon Tyne: Cambridge Scholars Publishing.
- Demopoulos Charalambos, Kontakxis Kassiani, Kostala Paraskevi, Mylona Katerina, Nastos Vasilis, Savvidou Vivi, **Themistocleous, Charalambos** (2012). *Proceedings of the 6th Athens Postgraduate Conference of the Faculty of Philology National and Kapodistrian University of Athens 13 – 15 May 2011* (Volume A and Volume B). Athens: University of Athens.
- 2010 Vrynioti Eleni, Georgakopoulos Athanasios, **Themistocleous, Charalambos**, Kontonikolis Christophoros, Kousoulini Vasiliki, Papadopoulou Angeliki, Stamatelopoulos Nikitas, Fragaki Georgia, Fragouli Nandia (Eds) (2010). *Proceedings of the 5th Athens Postgraduate Conference of the Faculty of Philology National and Kapodistrian University of Athens 29 – 31 May 2009*. Athens: UOA.

## CONFERENCE PAPERS

- 2017 Fyndanis, Valantis, **Themistocleous Charalambos**, and Christidou Paraskevi (2017). Time reference and aspect in agrammatic aphasia: Evidence from Greek. Academy of Aphasia. 55th Annual Meeting November 5-7th, 2017 Baltimore, Maryland, USA. (Conference Presentation).
- Georgia Angelopoulou, Dimitrios Kasselimis, Maria Varkanitsa, Panagiotis Fotiadis, **Charalambos Themistocleous**, Dimitrios Tsolakopoulos, Christally Grillou, Foteini Christidi, Efstratios Karavasilis, George Argiropoulos, George Velonakis, Sofia Karanassou, Zoi Nikitopoulou, Petros Roussos, Dionysios Goutsos, Nikolaos Kelekis, Ioannis Evdokimidis, Constantin Potagas (2017). Effects of cortical thickness on pause duration in neurotypical adults' speech: Evidence for the role of the left middle temporal gyrus in lexical retrieval. Society for the Neurobiology of Language 2017. November 8-10 in Baltimore, Maryland. (Conference Presentation).
- Anastasi, Eva, Logotheti, Ageliki, Panayiotou, Stavri, Serafim, Marilena, and **Themistocleous, Charalambos** (2017). *A sociophonetic study of Standard Modern Greek and Cypriot Greek Stop Consonants*. Paper presented at the 12th International Conference on Greek Linguistics (ICGL12), 16 – 19 September 2015. Freie Universität Berlin, Germany.
- 2016 **Themistocleous, Charalambos**, Angelandria Savva and Andrie Aristodemou (forthcoming). Effects of stress on fricatives: Evidence from Standard Modern Greek, 1026-1029. *Interspeech 2016*. <http://dx.doi.org/10.21437/Interspeech.2016-1057>
- Themistocleous, Charalambos** & Angeliki Logotheti (2016). A Sociophonetic Study of Standard Modern Greek and Cypriot Greek Vowels. 6th International Conference on Modern Greek Dialects and Linguistic Theory (MGDLT6), which will be held on September 25-28, 2014, at the Conference and Cultural Centre of the University of Patras.
- 2015 **Themistocleous, Charalambos**, Müller, Daniela (2015). The intonation of Albanian polar questions and statements: Prefocal Peaks. *6th International Conference of Experimental Linguistics. ExLing 2015. 26-27 June 2015*. Athens, Greece.
- Aristodemou, Andrie, Savva, Angelandria, **Themistocleous, Charalambos** (2015). The Acoustics of Cypriot Greek Fricatives. *6th International Conference of Experimental Linguistics. ExLing 2015. 26-27 June 2015*. Athens, Greece.

- 2014 **Themistocleous, Charalambos** and Papadopoulou Lena (2014). *Prenuclear pitch accents alignment: evidence from typical vs. atypical pre-school children*. 5th International Conference on Language Disorders in Greek (LDG5) Limassol, Cyprus, on the 30th and the 31st of May 2014 (Conference Presentation).
- Themistocleous, Charalambos** & Angeliki Logotheti (2014). *Standard Modern Greek and Cypriot Greek vowels: A sociophonetic study*. Presented at the 6th International Conference on Modern Greek Dialects and Linguistic Theory (MGDLT6), which will be held on September 25 – 28, 2014, at the Conference and Cultural Centre of the University of Patras.
- 2013 **Themistocleous, Charalambos,** & Tsiplakou, Stavroula (2013). High Rising Terminals in Cypriot Greek: Charting ‘Urban’ Intonation. 5th International Conference on Modern Greek Ghent (Conference Presentation).
- 2012 **Themistocleous, Charalambos** (2012). *You sound Nicosian: Speech melody as an urban identity marker*. Paper presented at the Sociolinguistics Symposium 19, Freie Universität (Berlin, August 21 – 24, 2012) (Conference Presentation).
- Themistocleous, Charalambos,** Marianna Katsoyannou, Spyros Armosti, and Kyriaci Christodoulou (2012). Paper presented at the *Cypriot Greek Lexicography: A Reverse Dictionary of Cypriot Greek*. 15th European Association for Lexicography (EURALEX) Conference (Oslo, Norway, 7 – 11 August 2012).
- Themistocleous, Charalambos,** Marianna Katsoyannou, Spyros Armosti, and Kyriaci Christodoulou (2012). Paper presented at the *Cypriot Greek Lexicography: An online lexical database*. 15th European Association for Lexicography (EURALEX) Conference (Oslo, Norway, 7 – 11 August 2012).
- 2011 **Themistocleous, Charalambos** (2011b). *Computational Greek Phonology: IPAGreek*. The 10th International Conference of Greek Linguistics. Komotini, Greece (poster presentation).
- Themistocleous, Charalambos** (2011c). *The alignment of the Cypriot Greek prenuclear accent*. 20th International Symposium on Theoretical and Applied Linguistics. Thessaloniki, Greece (Conference Presentation).
- Melissaropoulou, Dimitra, **Charalambos Themistocleous,** Stavroula, Tsiplakou & Symeon Tsolakidis (2011). *The present perfect in Cypriot Greek revisited. Intonational variation in polar and wh-questions across seven varieties of Greek*. 6th International Conference on Language Variation in Europe (ICLaVE), Freiburg, Germany.
- Armosti Spyros, Katsoyannou Marianna, Christodoulou Kyriaci, **Themistocleous, Charalambos** (2011). *Greek Cypriots writing Cypriot Greek: tendencies in the written representation of postalveolar consonants (In Greek)*. The 10th International Conference of Greek Linguistics. Komotini, Greece.
- Tsakmakis, Antonis and **Themistocleous, Charalambos** (2011). Keimeniki organosi kai tropikotitatis stratiotikes parakeleuseis tou Thucydidi (‘Textual structure and modality in Thucydides ‘military exhortations’). *Proceedings of the 4th International Symposium on Thucydides*. Athens Greece.
- 2010 **Themistocleous, Charalambos** and Kyriacou, Stelios. (2010). Focus prominence and tonal alignment in Athenian and Cypriot Greek. *ExLing 2010*, 25 – 27 August, Athens, Greece, Athens.
- Themistocleous, Charalambos** and Kyriacou Stelios (2010). Effects of tonal environment on the alignment of boundary tone in Cypriot Greek (epidraseis tou tonikou perivallontos stin efthigrammisi tou tonou oriou stin Kypriaki Elliniki). *Proceedings of the 5th Athens Postgraduate Conference of the Department of Philology of the National and Kapodistrian University of Athens*, 29 – 31 May 2009. Athens: University of Athens.

- Efstathopoulou, Niki and **Themistocleous, Charalambos** (2010). A comparative study between Greek and English voiceless stop VOTs produced by Cypriot Greeks. *Proceedings of the 5th Athens Postgraduate Conference of the Department of Philology of the National and Kapodistrian University of Athens*, 29 – 31 May 2009. Athens: University of Athens.
- 2008 **Themistocleous, Charalambos** (2008). Focus Effects on Syllable Duration in Cypriot Greek. *ExLing* 2008. Athens, Greece. 241 – 244.
- 2007 Botinis, Antonis Bakakou Aikaterini and **Themistocleous, Charalambos** (2007a). A multifactor Analysis of Greek Discourse. *16th International Congress of Phonetic Sciences (ICPhs 2007)*, 1341 – 1344.
- 2005 Gkini, Anna, **Themistocleous, Charalambos**, Iosifelli, Ioanna, Xefteri, Maria, Christopoulou, Amaryllis, Nikolaenkova, Olga, Papageorgiou, Giorgos (2005). *Lexikogrammatikes ptyches tis glossas ton neon: meleti vasismeni se ilektronika somata keimenon* (Lexical and grammatical aspects of youth language: a corpus based study). *Praktika Diethnous Synedriou “I glossa se enan kosmo pou al-lazei”*, Didaskaleio Xenon Glosson tou Panepistimiou Athinon, Filosofiki Scholi, 9-11/12/2005.
- Botinis, Antonis, **Themistocleous, Charalambos**, Kostopoulos, Yiannis, Nikolaenkova, Olga (2005). Syntactic and tonal correlates of focus in Greek and Russian. *Proceedings Fonetik 2005, the XVIIIth Swedish Phonetics Conference*. Goteborg, Sweden.
- Botinis, Antonis, Alexandri Christina, **Themistocleous, Charalambos** (2005). Production of focus in Greek and Russian. *7th International Conference of Greek Linguistics*. York, UK (oral presentation).
- Botinis, Antonis, **Themistocleous, Charalambos** and Nikolaenkova, Olga (2005). Perception of focus in Greek and Russian. *7th International Conference of Greek Linguistics*. York, UK (oral presentation).
- 2004 Botinis, Antonis, Christofi, Marios, **Themistocleous, Charalambos** and Kyprianou, Angeliki (2004). Duration correlates of stop consonants in Cypriot Greek. *Proceedings of Fonetik 2004, the XVIIIth Swedish Phonetics Conference*. Stockholm, Sweden.

## BOOK REVIEWS

- 2015 **Themistocleous, Charalambos** (2015). Book Review of Caspers, Johanna, Chen, Yiya, Heeren, Willemijn, Pacilly, Jos, Schiller, Niels, & van Santen, Ellen. (2014). *Above and beyond the segments : experimental linguistics and phonetics*. Amsterdam; Philadelphia: John Benjamins Publishing Company. *LinguistList* 26.5107, 2015.

## MANUSCRIPTS AND TEACHING MATERIAL

- 2016 **Themistocleous, Charalambos**. (2016). Introduction to R. Unpublished manuscript. Gothenburg.
- Themistocleous, Charalambos**. (2016). Introduction to Python. Unpublished manuscript. Gothenburg.
- 2012 **Themistocleous, Charalambos**. (2012). Research Methodology and Linguistics [in Greek]. Unpublished manuscript. Nicosia. (pp. 300)
- 2011 **Themistocleous, Charalambos**. (2011). Introduction to Phonetics and Phonology [in Greek]. Nicosia: Open University of Cyprus. (pp. 100)

- 2008 **Themistocleous, Charalambos.** (2008). PRAAT Software for acoustic analysis. An introductory manual [in Greek]. University of Athens: Athens. DOI: 10.13140/RG.2.1.4233.2003
- 2006 **Themistocleous, Charalambos.** (2006). A Grammar of SMG. Greek Verbs [in Greek]. Athens University of Athens. (pp. 400).
- Themistocleous, Charalambos** (2006). Discourse Markers. Athens: University of Athens.

## THESES

- 2011 **Themistocleous, Charalambos** (2011). Prosodia kai plirophoriaki domi stin Athenaiki kai kypriaki Ellinici (Prosody and Information Structure in Athenian and Cypriot Greek). *PhD Thesis*. University of Athens Greece.
- 2008 **Themistocleous, Charalambos** (2008). Lengthening Effects of Prosodic Constituents in Athenian Greek and Cypriot Greek. *MA Thesis*. University of Skövde.
- 2007 **Themistocleous, Charalambos** (2007). Structuring discourse turn in conversations (In Greek). *MA Thesis*. University of Athens.

## INVITED TALKS AND LECTURES

- October 13th, 2016 *Eliciting information from speech signals: Linguistics, signal processing, and machine learning*. Chalmers University of Technology. Sweden.
- March 1st, 2016 *Melodic patterns in speech communication: Interactions and heterogeneity*. University of Gothenburg. Sweden.
- February 18th 2016 *Greek vowels and the nature of acoustic gradience*. Gothenburg. Research seminars. University of Gothenburg. Sweden.
- November 20th 2015 Workshop: Charalampos Themistokleous, *Language Variation and Change: Evidence from Modern Greek Vowels*. Seeger Center for Hellenic Studies. Princeton University. USA.
- August 27th 2015 *Learning Linguistic Categories from Acoustic Structure: Towards a Speech Time Frequency Model*. Centre for Linguistic Theory and Studies in Probability (CLASP). Inauguration Workshop. Institutionen för filosofi, lingvistik och vetenskapsteori. Humanistiska fakulteten. Göteborgs universitet. Sweden.
- June 17th 2015 *Timing in Speech Melody*. MAMPF: Moderne Ansätze und Methoden der Phonetischen Forschung (NOSH: New Observations in Speech and Hearing) talk series. Ludwig Maximilian University Munich. Germany.
- March 31th 2014 *Seeking for an Anchorage. Stability and Variability in Tonal Alignment of Rising Prenuclear Pitch Accents*. University of Central Lancashire (UCLAN). Cyprus.
- November 1st 2013 *Biolinguistic Foundations of Tonal Patterns: Evidence from Speech Perception*. “CAT within CAT” presentations organized by the Cyprus Acquisition Team. Cyprus.
- October 24th 2012 *Prosodic Structure: Experimental Evidence from Segmental Anchoring and the Syllabification of Gemimates*. Cyprus Linguistics Association (CyLing) at the University of Cyprus. Cyprus.
- October 14th 2012 *The phonology of Ancient Greek*. Open University of Cyprus, (co-ordinator: Dr. Maria Pavlou, Open University of Cyprus, Programme “Greek Civilisation”). Cyprus.

- March 15th 2012 *Computational Linguistics*. Lecture Series: Invited Local Linguist; co-ordinator: Dimitra Karoulla-Vrikki. European University, Cyprus. Cyprus.
- October 26th 2011 *Relating information structure and prosody. Evidence from the nuclear pitch accents*. Cyprus Linguistics Association (CyLing). Cyprus.
- May 20th 2011 *Information Structure and Prosody in Athenian and Cypriot Greek*. University of Athens. Greece.
- December 1st 2010 *The interface of Information Structure and Prosody. A new approach of Greek Grammar*. University of Athens. Greece.

## SOFTWARE DEVELOPMENT

**LINGUISTIC ANALYSIS** *Text to Phones*: An environment for phonological analysis and text to phone conversion for Standard Modern Greek and Cypriot Greek) \* *Modern Greek Tagger*: The tagger labels Modern Greek corpora with Part of Speech labels \* *Ancient Greek Tagger*: The tagger for tagging (adding POS labels) on Ancient Greek \* *English Tagger*: This tagger includes a morphological dictionary and a disambiguation algorithm for discriminating nouns and verbs.

**LEXICOGRAPHY SOFTWARE** These include Graphical User Interphases (GUIs) for creating and viewing electronic dictionary, reverse algorithms for creating reverse dictionaries. A dictionary environment currently it includes a dictionary I created with Ancient Greek irregular verbs.

**KEYBOARD LAYOUTS** Dialectal Greek Keyboard Layout; Dialectal Greek Polytonic Keyboard Layout; International Phonetic Alphabet Keyboard Layout.

**WEB DESIGN** <http://lexcy.library.ucy.ac.cy/Lexicon.aspx> (Deprecated). The ‘Syndychies’ Website, this is a Dictionary Website that includes IPA transcription for Cypriot Greek (an application of IPA converter algorithm) and text to speech feature (the latest version will be online at the 15th of November) Several web-working activities in academia: (e.g. MeadEastern, Webmaster for Cyprus Linguistics Society (Cyling)).

**TECHNICAL SKILLS** *Machine Learning and Artificial Intelligence*: Theano and Tensorflow (= Google’s AI platform), Microsoft

*Phonetics*: PRAAT, Audacity, Wavesurfer, and Adobe Audition \* *Statistics*: R and SPSS \* *Project Management*: Org Mode and Omnifocus \* *Concordances software*: Monoconc and Wordsmith tools for text analysis. \* *Programming Languages*: MATLAB, R, Julia, C#, Python, and PROLOG \* *Typesetting*: L<sup>A</sup>T<sub>E</sub>X; org mode (emacs), and markup languages \* *Text Editors* Emacs (Aquamacs), Atom, and TextWrangel \* *Web design* HTML coding, CSS \* *Databases* Sql, and MySql.

## PHD AND MA THESES SUPERVISION

2014–present: Georgios Georgiou, PhD dissertation co-supervisor (with M. Koutselini); University of Cyprus, provisionally titled “Perception and Production of Greek by Arabic Speakers of Greek as L2.”

2017: MA theses Topic “Extracting linguistic and emotional information from speech”.

## MEMBERSHIPS

International Phonetic Association (IPA)



International Speech Communication Association (ISCA).

International Exchange Alumnus, US Government.

Cyprus Linguistic Society (CyLing) and between 2011–2015 member of the board.

Cyprus Acquisition Team (CAT).

## COMMISSIONS OF TRUST

**REVIEWER JOURNALS** *Frontiers in Psychology, Journal of Logic and Computation, Journal of the International Phonetic Association, Journal of the Acoustical Society of America, Phonetica, Lingua, Journal of Bilingualism.*

**REVIEWER CONFERENCES** *Conference on Logic and Machine Learning in Natural Language (LaML).*

**REVIEWER OTHER** Ministry of Education and Culture, Cyprus.

**CONFERENCES/WORKSHOPS** Conference on Logic and Machine Learning in Natural Language (LaML). Conference dates: June 12-14, 2017. University of Gothenburg.

Organizing Committee of the International Conference “Experimental Linguistics (*ExLing* 2006, 2008, 2012, 2015, 2016), an international conference held under the aegis of the International Speech Communication Association (ISCA).

Organizing Committee of the *5th Athens Postgraduate Conference of the Department of Philology, National and Kapodistrian University of Athens, 29-31 May 2009* and the *6th Athens Postgraduate Conference of the Department of Philology, National and Kapodistrian University of Athens, 13-15 May 2011.*

**INSTITUTIONAL RESPON.** 2017: Postdoctoral Representative, CLASP.

## LANGUAGES

Greek (native)/ English (as a second language)/Swedish (writing, reading)/ French (writing, reading)/Italian (writing, reading)/ Ancient Greek and Latin.