

Curriculum Vitae

JUNE 2023

PERSONAL DETAILS

FULL NAME: Georgios A. Markopoulos
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RESEARCH INTERESTS

I teach topics in Theoretical and Applied Linguistics related to the morphosyntactic structure and computational processing of Greek.

My current research interests focus on the use of empirical data from corpora for the statistical processing of natural language and machine learning techniques for text mining and information retrieval.

EDUCATION

- 1993-1998 PhD in Computational Linguistics. Department of Linguistics, Faculty of Philology, National and Kapodistrian University of Athens.
Title: *Computational Processing of the Greek Noun*.
- 1991-1992 Postgraduate studies in Computational Linguistics. Ludwig Maximilian's University in Munich, Center for Information and Language Processing.
- 1988-1991 Postgraduate studies in Theoretical and Applied Linguistics. University of Salzburg, Institute for Linguistics.
- 1981-1988 BA in German Language and Literature. Department of German Language and Literature, National and Kapodistrian University of Athens.

POSITIONS

- 2021-2022 Director of the Department of Linguistics, Faculty of Philology, National and Kapodistrian University of Athens.
- 2018-present Director of the Laboratory of Phonetics and Computational Linguistics, Faculty of Philology, National and Kapodistrian University of Athens.
- 2018-present Associate Professor of Computational Linguistics, Faculty of Philology, Department of Linguistics, National and Kapodistrian University of Athens.
- 2011-2018 Tenured Assistant Professor of Computational Linguistics, Department of Linguistics, Faculty of Philology, National and Kapodistrian University of Athens.
- 2007-2011 Non-Tenured Assistant Professor of Computational Linguistics, Department of Linguistics, Faculty of Philology, National and Kapodistrian University of Athens.
- 1998-2007 Lecturer of Computational Linguistics, Department of Linguistics, Faculty of Philology, National and Kapodistrian University of Athens.
- 1998-2001 Research fellow at the Institute for Language and Speech Processing (ILSP).

SELECTED PUBLICATIONS

Gagiatsou S., Markopoulos, G., & Mikros, G. (2021). Prediction of Authors' Personality Types and Traits in Modern Greek Essays Using Stylometric Features. *International Journal on Advances in Life Sciences*, 13(3-4), 124-133.

Gagiatsou S., Markopoulos, G., & Mikros, G. (2021). Using Stylometric Features to Predict Author Personality Type in Modern Greek Essays. In Th. Lynn, L. Berntzen, P. Rosati & O. Dini (Eds.) *ICDS 2021, The Fifteenth International Conference on Digital Society* (pp. 34-40). <https://www.iaria.org/conferences2021/AwardsICDS21.html> (Best Paper Award).

Markopoulos, G., Mikros, G., & Gagiatsou S. (forthcoming). Big-Five Personality Author Prediction in Modern Greek Essays Using Stylometric Features. *QUALICO 2021. Quantitative Approaches to Universality and Individuality in Language* (9-11 September 2021, Tokyo).

Karasimos, A., & Markopoulos, G. (2021). Allomorphy and Greek Nominal Compounds: A Computational Prediction and Analysis. In Th. Markopoulos, Ch. Vlachos, A. Archakis, D. Papazachariou & A. Roussou (Eds.) *Proceedings of the 14th International Conference on Greek Linguistics* (pp. 513-523).

Stergiopoulos, Ch., Malisovas, A., Benetos, D., & Markopoulos, G. (forthcoming). Boethii, De Institutione Musica: collation, editio, and annotation of the complete corpus through computerized collation analysis. *12th Annual MOISA Meeting – From Past to Present: Transforming Historical Musical Data into Possible Realities* (8-10 July 2019, Thessaloniki).

Kamilaki, M., & Markopoulos, G. (2018). Linguistic representations of political identity in social media [in Greek]. In K. Dinas, E. Magoula & N. Kalospyros (Eds.), *Figura in Praesentia. Festschrift for Professor Th. Nakas*. Athens: Patakis Publications.

Varlokosta, S., Stamouli, S., Karasimos, A., Markopoulos, G., Kakavoulia, M., Nerantzini, M., Fyndanis, V., Pantoula, A., Economou, A. & Protopapas, A. (2017). Greek Corpus of Aphasic Discourse: Design, implementation, and multilevel annotation [in Greek]. In A. Christofidou (Ed.), *Aspects of Corpus Linguistics: Principles, applications, and challenges* (pp. 181-206). Academy of Athens: Research Center for Scientific Terms and Neologisms.

Markopoulos, G., & Karasimos, A. (2017). Multilevel Annotation for the Greek Corpus of Aphasic Discourse [in Greek]. In A. Georgakopoulos, T. Pavlidou, M. Pechlivanos, A. Alexiadou, A., J. Androutsopoulos, A. Kalokairinos, S. Skopeteas & K. Stathi (Eds.), *Proceedings of the 12th International Conference on Greek Linguistics, Vol. 2* (pp. 725-740). Berlin: Edition Romiosini/CeMoG.

Mikros, G., & Markopoulos, G. (2017). Using multiword sequences as features in authorship attribution: Experiments based on Greek blog texts. In A. Christofidou (Ed.), *Aspects of Corpus Linguistics: Principles, applications, and challenges* (pp. 56-67). Academy of Athens: Research Center for Scientific Terms and Neologisms.

Varlokosta, S., Stamouli, S., Karasimos, A., Markopoulos, G., Kakavoulia, M., Nerantzini, M., Pantoula, A., Fyndanis, V., Economou, A. & Protopapas, A. (2016). A Greek Corpus of Aphasic Discourse: Collection, transcription, and annotation specifications. In D. Kokkinakis (Ed.), *Workshop on Resources and Processing of Linguistic and Extra-Linguistic Data from People with Various Forms of Cognitive/Psychiatric Impairments* (pp. 14-21).

Markopoulos, G., Karasimos, A., Sgarbas, K., & Christofidou, A. (2015). Computational Linguistics Terminology [English - Greek]. In A. Christofidou (Ed.), *The Bulletin for Scientific Terminology and Neologisms*, 13 (pp. 245-354). Academy of Athens: Research Center for Scientific Terms and Neologisms.

- Markopoulos, G., Mikros, G., Iliadi, A., & Liontos, M. (2015). Sentiment Analysis of Hotel Reviews in Greek: A Comparison of Unigram Features. In V. Katsoni (Ed.), *Cultural Tourism in a Digital Era* (pp. 373-384). Heidelberg: Springer.
- Serakioti, D., & Markopoulos, G. (2013). An empirical approach of the basic color terms in Greek: The effect of compounding [in Greek]. *Glossologia*, 21, 1-18.
- Prokopidis, P., Bellos, A., Papageorgiou, H., & Markopoulos, G. (2013). Experimental data for an automatic syntactic analysis of Greek texts [in Greek]. In G. Kotzoglou, K. Nikolaou, E. Karantzola, K. Frantzi, I. Galantomos, M. Georgalidou, V. Kourti-Kazoullis, Ch. Papadopoulou & E. Vlachou (Eds.), *Selected Papers of the 11th International Conference on Greek Linguistics* (pp. 1412-1424).
- Brousalis, G., Markopoulos, G., & Mikros, G. (2012). Stylometric profiling of the Greek Legal Corpus. In Z. Gavriilidou, E. Efthymiou, E. Thomadaki & P. Kambakis-Vougiouklis (Eds.), *Selected Papers of the 10th International Conference on Greek Linguistics* (pp. 167-176).
- Markopoulos, G., & Skopeteas, S. (2011). Dialectical variation of word order: Data from speech production. In Ch. Charalambakis (Ed.), *Proceedings of the 6th World Conference on Linguistics: The dialectical variations of Greek from past to present* (pp. 187-201).
- Prokopidis, P., Desipri, E., Papageorgiou, H., & Markopoulos, G. (2009). TimeEL: Recognition of Temporal Expressions in Greek texts. In K. Chatzopoulou, A. Ioannidou & S. Yoon (Eds.), *Proceedings of the 9th International Conference on Greek Linguistics* (pp. 588-596)
- Kouklakis, G., Mikros, G., Markopoulos, G., & Koutsis, I. (2007). Corpus Manager: A Tool for Multilingual Corpus Analysis. In M. Davies, P. Rayson, S. Hunston & P. Danielsson (Eds.), *Proceedings of the Corpus Linguistics Conference (CL2007)*. Birmingham: University of Birmingham.
- Koutsis, I., Markopoulos, G., & Mikros, G. (2007). Episimiotis: A multilingual tool for hierarchical annotation of texts. In M. Davies, P. Rayson, S. Hunston & P. Danielsson (Eds.), *Proceedings of the Corpus Linguistics Conference (CL2007)*. Birmingham: University of Birmingham.
- Georgakopoulos, A., Kostopoulos, I., Markopoulos, G., & Skopeteas, S. (2007). Phrasal compounds in Modern Greek: Plural formation and function [in Greek]. In M. Baltazani, G. Giannakis, T. Tsangalidis & G. Xydopoulos (Eds.), *Proceedings of the 8th International Conference on Greek Linguistics* (pp. 699-713).
- Gotsoulia, V., Desipri, E., Koutsombogera, M., Prokopidis, P., Papageorgiou, H., & Markopoulos, G. (2007). Towards a frame semantics lexical resource for Greek. In K. De Smedt, J. Hajič, & S. Kübler (Eds.) *Proceedings of the Sixth International Workshop on Treebanks and Linguistic Theories*. Bergen: University of Bergen.

RESEARCH

- 2020-2023 “The DELA Project: *Digital Applications for the Management of Textual Resources*”. Joined research project between the Laboratory for the management of Greek and Latin digital resources and the Laboratory of Phonetics and Computational Linguistics, Faculty of Philology, National and Kapodistrian University of Athens, funded by the National Strategic Reference Framework (code: T2EΔK-00869).
Scientific coordinator: Professor D. Benetos.
- 2012-2015 “Levels of impairment in Greek Aphasia: Relationship with Processing Deficits, Brain Region and Therapeutic Implications”. THALES Project for the reinforcement of the interdisciplinary and inter-institutional research and innovation, funded by the Greek Ministry of Education and the European Social Fund (code number: 977). Coordinator of the research team for the development and annotation of the first Greek Corpus of Aphasic Discourse
Principal investigator: Professor Sp. Varlokosta.

- 2007-2008 “The information structure of sentence in Modern Greek”. Coordinating leader of a joined research project between the Department of Linguistics and the Institute of Linguistics, University of Potsdam, funded by the Special Account for Research Grants, National and Kapodistrian University of Athens (code number: 70/4/8841).