

**A l e x a n d r a F i o t a k i**

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Alexandra Fiotaki is a doctor of computational linguistics and adjunct lecturer of the department of Philology at the University of Athens, where she teaches "Language Technology and Education." She studied Philology (specializing in linguistics) and holds an interdisciplinary postgraduate degree in "Technoglossia." Her doctoral dissertation, conducted with full funding from the General Secretariat for Research and Innovation and the Hellenic Foundation for Research and Innovation, involved the semasiosyntactic study of the Sequence of Tense and the development of a Greek computational grammar. She has research experience in European and national projects related to the development of digital resources and educational platforms. Her research interests focus on the analysis and creation of linguistic data, the use of digital resources, and the educational applications of Large Language Models (LLMs). She also works on issues of Natural Language Understanding and Generation, with an emphasis on data design for LLMs, Prompt Engineering, and intent and entity recognition. Her scientific work combines linguistic theory with cutting-edge technologies and has been published in international scientific journals and conference proceedings.

### *Selected Publications*

1. Fiotaki, A. 2026. *Greek Dialogues in the Banking Domain: Large Language Models, Data Evaluation, and Pedagogical Applications. Research Papers in Language Teaching and Learning (RPLTL)*, Special Issue on Generative AI in Language Education: Pedagogical Innovations and Empirical Insight. (ForthComing)
2. Fiotaki, A. & Tsakalis, V. 2025. Design and Development of a Linguistic Resource: *ellexis*. In V. Sabatakakis & A. Fiotaki (eds.), *Proceedings of the 7th European Congress of Modern Greek Studies*, Vienna, 11–14 September 2023, vol. IV, Athens. European Society of Modern Greek Studies (EENS): 401–416.
3. Vlachos, Ch., Stylianiou, N., Fiotaki, A., Methenitis, Sp., Palogiannidi, E., Stafylakis, Th. & Androutopoulos, I. 2025. Building Open-Retrieval Conversational Question Answering Systems by Generating Synthetic Data and Decontextualizing User Questions. In *Proceedings of the 26th Annual Meeting of the Special Interest Group on Discourse and Dialogue*, Avignon, France. Association for Computational Linguistics: 641–657.
4. Φιωτάκη Α. & Μαθιουδάκης Ν. 2025. Ανάλυση των ρημάτων κίνησης στα εγχειρίδια νεοελληνικής γλώσσας και λογοτεχνίας Δημοτικού με τη χρήση Σωμάτων Κειμένων και Τεχνητής Νοημοσύνης. Στο Ι. Σπαντιδάκης, Κ. Ντίνας, Β. Χατζηνικήτα & Ε. Γρίβα (επιμ.), *Γλώσσα, Εκπαίδευση και Τεχνητή Νοημοσύνη*, Ρέθυμνο. Πανεπιστήμιο Κρήτης: 125-146.
5. Fiotaki, A. & Lekakou, M. 2018. The Perfective Non-past in Modern Greek: a Corpus Study. *Scandinavian Journal of Byzantine and Modern Greek Studies* 4: 99-118.