



MARIE SKŁODOWSKA-CURIE POSTDOCTORAL FELLOWSHIPS 2021
EXPRESSION OF INTEREST FOR HOSTING MARIE CURIE FELLOWS

HOST INSTITUTION

NOVA University Lisbon | School of Social Sciences and Humanities

RESEARCH GROUP AND URL

LLT – Lexicology, Lexicography and Terminology
https://clunl.fcsh.unl.pt/en/groups_clunl/lexicologia-lexicografia-terminologia/

SUPERVISOR (NAME AND E-MAIL)

Raquel Amaro
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SHORT CV OF THE SUPERVISOR

Raquel Amaro is Assistant Professor with tenure at the NOVA University of Lisbon (NOVA FCSH) and Researcher at the Linguistics Research Center of NOVA University of Lisbon (CLUNL) since 2015. She completed her PhD in Computational Linguistics from the University of Lisbon in 2010 and worked as researcher (from junior to full member) at the Center of Linguistics of the University of Lisbon from 1999 to 2015. She participated in 16 projects in Corpus Linguistics, Computational Lexical Semantics, Lexicography and Language Technologies, of which she coordinated 4 (2 currently ongoing), and she has been actively participating in research networks such as Keystone COST Action (2015-2019), Distant Reading COST Action (2017-2021) or Heritage Language Consortium (2019-). She is part of the Board of Directors of CLUNL since 2017. She published 9 articles in journals, 14 conference papers, 5 book chapters, 1 book and 11 language resources. She teaches Computational Linguistics, Lexicology and Lexicography and Specialized Corpus courses of the graduation, MA and PhD programs at NOVA FCSH and is supervisor of several PhD and MA projects (7 concluded). She was an invited teacher at Polytechnic University of Macao, China, and Pedagogic University of Maputo, Mozambique and is currently an invited teacher and Board Member of the PhD program on Linguistics and Digital Humanities at Palacký University Olomouc, Czech Republic. She has also collaborated with Lionbridge as Computational Linguist in parsing and grammar checking development tasks in several projects. She participated in 16 national and international Conference Scientific Committees and 7 Journal Scientific Committees.

5 SELECTED PUBLICATIONS

- **Amaro**, Raquel (2018). Integrating Prepositions in Wordnets: Relations, Glosses and Visual Description. In Kernerman, I. & S. Krek (eds.) *Proceedings of the LREC 2018 Workshop “Globalex 2018 – Lexicography & WordNets”*, Miyazaki, Japan. pp. 66-74. ISBN: 979-10-95546-28-3. URL: http://lrec-conf.org/workshops/lrec2018/W33/pdf/20_W33.pdf
- **Amaro**, Raquel (2014). Extracting semantic relations from Portuguese corpora using lexical-syntactic patterns. In: Calzolari N., K. Choukri, T. Declerck, H. Loftsson, B. Maegaard, J. Mariani, A. Moreno, J. Odijk & S. Piperidis (eds.), *Proceedings of the Ninth International Conference on Language Resources and Evaluation*, 26-31 May, Reykjavik, Iceland, pp. 3001-3005. Paris: ELRA. ISBN: 978-2-9517408-8-4. URL: http://www.lrec-conf.org/proceedings/lrec2014/pdf/900_Paper.pdf

- Marrafa, Palmira, Raquel **Amaro**, Nuno Freire & Sara Mendes (2012). Portuguese Controlled Language: coping with ambiguity. In: Kuhn, T & N. E. Fuchs (eds.), *Controlled Natural Languages*, LNCS 7427, Berlin Heidelberg: Springer-Verlag, pp. 152-166. ISSN: 0302-9743. DOI: <https://doi.org/10.1007/978-3-642-32612-7>
- **Amaro**, Raquel, Sara Mendes & Palmira Marrafa (2010). Encoding Event and Argument Structures in Wordnets. In: Sojka P., Horák, A., Kopeřcek, I. & K. Pala (eds.), *Text, Speech and Dialogue*, LNAI 6231, Berlin Heidelberg: Springer-Verlag, pp. 21–28. ISSN: 0302-9743. DOI: https://doi.org/10.1007/978-3-642-15760-8_4

Resources:

- **Amaro**, Raquel, Susana Correia & Matilde Gonçalves. *MIGRANTE.PT*. 2021. ISLRN: 872-735-563-701-2. <https://clunl.fcsh.unl.pt/en/online-resources/corpora/migrante-pt/>, DOI: <https://doi.org/10.34619/ctho-dgqk>

PROJECT TITLE AND SHORT DESCRIPTION

EXPRIMI - Preliminary corpus exploitation for inclusive task-based host language teaching

(<https://clunl.fcsh.unl.pt/en/investigacao/projetos-curso/exprimi/>)

The goal of the project is the preliminary research on the teaching-learning of Portuguese as host language, based on the exploration of authentic informational and institutional texts targeting migrants. This preliminary research envisages the development of three essential aspects:

- i) methods for the identification, extraction and description of vocabulary fundamental to host language learning, using computational tools and procedures.
- ii) semiautomatic analysis of texts and their respective contexts for the identification and extraction of feature and criteria to monitor trends/bias in the texts and language usage.
- iii) methods for the conception and building of task-based teaching materials for Portuguese, considering and promoting the specific learning context and communication needs of migrant integration.

As general result, the project aims at pursuing preliminary research on these three aspects to inform the design of their implementation to a larger scale.

The research developed within this currently ongoing project is expected to be developed under the scope of a new project, *INTELIGENTE: Integration through language: inclusive task-based host language teaching*, currently under evaluation for funding (FCT).

Applications related to Text Mining, Information Extraction or related areas, are welcome.

SCIENTIFIC AREA WHERE THE PROJECT FITS BEST*

Social Sciences and Humanities (SOC)
Information Science and Engineering (ENG)