

# Carlos Silva

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## Research interests

Phonological typology, phonology, language evolution, morphology, creole languages, historical linguistics, computational linguistics

## Education

### University of Porto

Porto, Portugal

PhD in Linguistics

September 2020 – February 2024

Dissertation: Consonant stability of Portuguese-based creoles [\[pdf\]](#)

Advisors: João Veloso, Steven Moran

### University of Porto

Porto, Portugal

MA in Linguistics

September 2018 – September 2020

Thesis: Um problema plural, uma proposta singular: a representação fonológica do morfema de plural do português [\[pdf\]](#)

Advisor: João Veloso GPA: 19/20

### University of Porto

Porto, Portugal

BA in Languages, literature and culture,

September 2015 – July 2018

minor in Portuguese and Classical languages GPA: 19/20

## Grants and awards

Commendation: Innovative Pedagogical Practice (University of Porto)	2023
ADHO travel bursary (Alliance of Digital Humanities Organizations)	2023
PhD Research Studentship (Foundation for Science and Technology)	2020
Presentation award (IJUP committee University of Porto)	2019
Blagadaryus teaching award (Fantasy Camp, Minsk, Belarus)	2017
Prize 'Incentivo' (University of Porto)	2016

## Research experience

### EVOPHON: Evolution of phonetics and phonology

Head: Professor Steven Moran

2021 – Present

(University of Neuchatel)

PhD fellow. Reference: SNSF/186841.

### INTERREG 1368: Património Léxico da Gallaecia

Head: Professor Rosário Álvarez

2017 – 2020

(University of Santiago de Compostela)

Technical Developer. Project website available [here](#).

### O Português é uma Língua Pesada

Head: Professor João Veloso (University of Porto) 2018  
Researcher. Reference: PGLCP065/207457.

**Verbs, movement and prepositions**

Head: Professor António Leal (University of Porto) 2016 – 2017  
Linguistic Consultant. Project output available [here](#).

Teaching experience

**Language Sciences (BA): Romance Linguistics**

Summer semester 2023 & 2024

Department of Romance languages (University of Porto)

**Language Sciences (BA): Techniques of oral and written communication**

Summer semester 2024

Department of Romance languages (University of Porto)

**Linguistics (MA): Phonology I**

Winter semester 2022 & 2023

Department of Romance languages (University of Porto)

**Portuguese Studies (BA): Phonological and Morphological Structures of Portuguese**

Summer semester 2019 & 2020

Department of Romance languages (University of Porto)

**Language Sciences (BA): Phonology and Morphology**

Winter semester 2018 & 2019

Department of Romance languages (University of Porto)

Journal Publications

**Frequency, overlap and origins of palatal sonorants in three Iberian languages**

Silva, Carlos & Trigo, Luís

*Computational Processing of the Portuguese Language: Lecture Notes in Artificial Intelligence Series*, 2024. [\[pdf\]](#)

**Learning phonology with data in the classroom: Engaging students in the creolistic research process**

Trigo, Luís & Silva, Carlos & Vera Moitinho de Almeida

*International Journal of Humanities and Arts Computing* 8, 2024. [\[pdf\]](#)

**Comparing lexical and usage frequencies of palatal segments in Portuguese**

Trigo, Luís & Silva, Carlos

*Computational Processing of the Portuguese Language: Lecture Notes in Artificial Intelligence Series*, 2022. [\[pdf\]](#)

**A gramatização do mirandês: estudo sobre a Gramaticografia de uma língua minoritária**

Silva, Carlos

*Lingüística en la red* 17, 2020. [\[pdf\]](#)

**O Sintagma Determinante nas línguas românicas: emergência, mudança e estrutura da periferia esquerda do SN**

Silva, Carlos

*In T. Keller, P. Osório e V. Monaretto (orgs.) Letras 60 (Special edition Línguas românicas em diacronia: teorias, métodos e análises)*, pp. 201-222, 2020. [\[pdf\]](#)

**O lusitano no indo-europeu: uma peça fora do puzzle?**

Silva, Carlos

*BRATHAIR: Revista de estudos celtas e germânicos* 19 (1), pp. 204-219, 2019. [\[pdf\]](#)

**“Chamem a pulúicia!”: harmonização vocálica progressiva no português da Madeira**

Silva, Carlos

*Revista Lingüística- Estudos Experimentais sobre o Português* 14 (2): pp. 119-138, 2018. [\[pdf\]](#)

**A Poesia, Alfa e Omega da Mitologia: das origens poéticas do mito à mitificação da poesia**

Silva, Carlos

*Boletim de Estudos Clássicos* 63: pp. 29-43, 2018. [\[pdf\]](#)

**Historia Regum Britanniae: Cassibelauno e a prefiguração da exalibor**

Silva, Carlos

*Guarecer* 2: pp. 113-133, 2017. [\[pdf\]](#)

**O estranho caso da vogal breathy voiced em PE: evidências a partir de um dos dialetos madeirenses**

Silva, Carlos

*elingUP* 6 (1), 2016. [\[pdf\]](#)

Conference  
proceedings

**Exploring consonant frequency in Sri Lanka Portuguese**

Silva, Carlos & Trigo, Luís

*Proceedings of the II Workshop on Digital Humanities and Natural Language Processing*, 2022. [\[pdf\]](#)

**Phonetic simplification for automatic syllable division in Sri Lanka Portuguese**

Silva, Carlos & Trigo, Luís

*Proceedings of the 5th edition of the International Conference on the Computational Processing of Portuguese, 2022.* [\[pdf\]](#)

**The representation of Portuguese palatal sonorants through the eyes of Portuguese-based creoles**

Silva, Carlos

*Proceedings of the 8th School-Conference Language issues: a young scholars' perspective, 2021.* [\[pdf\]](#)

Datasets

**GuineLex: Lexicon and phonology of the languages of Guinea-Bissau.**

Silva, Carlos & Luís Trigo

2024[\[GitHub\]](#)

**CreoPhonPT: Phonology and lexicon of Portuguese-based creoles.**

Silva, Carlos & Steven Moran

2022[\[Zenodo\]](#)

**PtLanka: Online corpus of Sri Lanka Portuguese lexicon and phonology.**

Silva, Carlos & Luís Trigo

2022[\[GitHub\]](#)

Book/paper reviews

**Martin Haspelmath. 2019. Can cross-linguistic regularities be explained by constraints on change?**

Silva, Carlos

*elingUP 10 (1): pp. 100-107, 2021.*[\[pdf\]](#)

**Joaquim B. de Carvalho. 2013. Why there is no backness: the case for dismissing both [coronal] and [dorsal]**

Silva, Carlos

*elingUP 8 (1): pp. 123-130, 2019.*[\[pdf\]](#)

**Hammond, M. 2006. Phonological Universals**

Silva, Carlos

*elingUP 7: pp. 56-61., 2018.*[\[pdf\]](#)

Talks and posters

July 2024 [accepted]

**Contributions of lexicostatistics to the genealogy of Portuguese-based Creoles**

with Fábio Granja

Annual meeting of the Association of Portuguese and Spanish Lexified Creoles (ACBLPE), University of São Tomé e Príncipe.

June 2024 [accepted]

**Closing the loop: integrating students and the community in the Creolistic research workflow**

with with Luís Trigo and Vera Moitinho

DARIAH Annual Event 2024, Workflows: Digital Methods for Reproducible Research Practices in the Arts and Humanities, University of Lisbon.

May 2024 [accepted]

**The stability of manner and place of articulation in the formation of Portuguese-based creoles**

with Steven Moran

Leiden Workshop on Creole Languages (WoCL), University of Leiden.

May 2024 [accepted]

**Lexical stability in African and Indian Portuguese-based creoles**

55th Annual Conference on African Linguistics (ACAL 55), University of Montreal.

March 2024

**Automatic measurement of distances between languages using Swadesh lists and big text corpora**

with Fábio Granja, Luís Trigo, and José Ramom Pichel

6th edition of the International Conference on the Computational Processing of Portuguese (PROPOR 2024), University of Santiago de Compostela.

March 2024

**Frequency, overlap and origins of palatal sonorants in three Iberian languages**

with Luís Trigo

6th edition of the International Conference on the Computational Processing of Portuguese (PROPOR 2024), University of Santiago de Compostela.

March 2024

**GuineLex: Lexicon and phonology of the languages of Guinea-Bissau**

with Luís Trigo, Ana Afonso, Sara Machado, Stephanie Cunha, Tiago Marques, Ana Fernandes., Guendalina Gianfranchi, Mariana Mendes, Elaine Borges, Leonor Martins, Vítor Zardo, Maria Lima & Ronaldo Mendes

5th OpenCor: Latin American and Iberian Languages Open Corpora Forum,  
University of Santiago de Compostela.

January 2024

**Variação e mudança no crioulo da Guiné-Bissau**

with Ronaldo Mendes

Congreso Internacional de Lenguas Iberorrománicas (University of Helsinki)

January 2024

**Estabilidade lexical nos crioulos indo-portugueses de Korlai e Damão**

with Fábio Granja

Congreso Internacional de Lenguas Iberorrománicas (University of Helsinki)

November 2023

**Phonological stability and inventory similarity of Portuguese-based creoles**

with Luís Trigo and Steven Moran

Biennial Conference of the Centre of Linguistics of the University of Porto

November 2023

**Coda adaptation: from Portuguese to Fá D'Ambô**

with Sofia Pinho-Silva

Biennial Conference of the Centre of Linguistics of the University of Porto

September 2023

**Iberian comparative linguistics in the classroom with digital research methods**

with Luís Trigo, José Ramon Pichel and Vera Moitinho

44th Annual Conference of the Association for Contemporary Iberian Studies

July 2023

**CreoPhonPt: a collaborative database saving Portuguese creoles from digital obliteration**

with Luís Trigo

ADHO Digital Humanities Conference (U. of Graz)

March 2023

**People first: Testing integrated digital research/teaching concepts from the ground up**

with Luís Trigo, Vera Moitinho de Almeida and Diogo Marques

Programming and Data Infrastructure in Digital Humanities (U. of Evora)

February 2023

**Learning Phonology with data in the classroom: engaging students in the creolistic research process**

with Luís Trigo and Vera Moitinho de Almeida

Humanities Going Digital: Teaching, training & research experiences (HUGOD Conference)

December 2022

**Measuring consonant stability in Portuguese-based creoles**

with Steven Moran

14th International Conference of the Association for Linguistic Typology (ALT 2022)

June 2022

**Inferring the phonological representation of Portuguese palatals from their distribution**

Réseau Français de Phonologie (RFP 2022)

April 2022

**Bringing Dalgado into the digital era: an online corpus of Sri Lanka Portuguese**

with Luís Trigo

International Congress Dalgado 100

March 2022

**Exploring consonant frequency in Sri Lanka Portuguese**

with Luís Trigo

5th edition of the International Conference on the Computational Processing of Portuguese (PROPOR 2022)

March 2022

**Phonetic simplification for automatic syllable division in Sri Lanka Portuguese**

with Luís Trigo

5th edition of the International Conference on the Computational Processing of Portuguese (PROPOR 2022)

March 2022

**Comparing lexical and usage frequencies of palatal segments in Portuguese**

with Luís Trigo

5th edition of the International Conference on the Computational Processing of Portuguese (PROPOR 2022)

December 2021

**Stability drivers in the emergence of Portuguese-based creoles**

with Steven Moran

5th Edinburgh Symposium on Historical Phonology (ESHP5)

December 2021

**PtLanka: an online corpus of Sri Lanka Portuguese lexicon and phonology**

with Luís Trigo

Brazilian Conference on Intelligent Systems (BRACIS 2021).

September 2021

**Palatals without coronal/dorsal counterparts: the lateral case**

50th Poznań Linguistic Meeting (PLM2021)

June 2021

**Zero Copula in Portuguese-based Creoles**

with Joana Ferreira

Society for Pidgin and Creole Linguistics Summer Meeting

March 2021

**Adaptation of palatal sonorants in the Portuguese-based creoles of Africa and Asia**

8th School-Conference “Language issues: a young scholars’ perspective”

March 2021

**Portuguese formal class markers and their relation to gender**

with Mariana Ribeiro

24th Ohio State University Congress on Hispanic and Lusophone Linguistics

December 2020

**How truthful are Portuguese false diphthongs: an empirical approach**

with Mariana Ribeiro

Vienna Workshop on Portuguese Linguistics

November 2020

**The plural of /l/-ending nouns as a clue for the representations of the Portuguese laterals**

I PHONOSHUTTLE OPO-LIS – Ponte aérea de Fonologia

University of Lisbon and University of Porto

January 2020

**Origin and evolution of the Determiner Phrase in the Romance languages**

13th IJUP Meeting of Young Researchers of the University of Porto



November 2019

**O todo e as partes: tratamento de hipónimos e hiperónimos nas obras lexicais do Norte de Portugal**

with Paula Silva

Simpósio do Instituto de Língua Galega

October 2019

**Sobre a representação fonológica do morfema de plural do português**

XXXV Encontro Nacional da APL (Associação Portuguesa de Linguística)

July 2019

**The palatality of /ʎ/ and /ɲ/: segment or autosegment?**

XIV Fórum de Partilha Linguística, Nova University Lisbon

May 2019

**/A/ as a sponge vowel: the asymmetric behavior of stressed /a/ in European Portuguese**

mFil – Manchester Forum in Linguistics

February 2019

**Stress and weight in Portuguese: married or divorced**

13th IJUP Meeting of Young Researchers of the University of Porto

July 2018

**Os plurais em /I/ no PE: a regra ou a exceção?**

XIII Fórum de Partilha Linguística, Nova University Lisbon

June 2018

**Diphthongation of stressed /I/ and vowel harmony in European Portuguese: fulfilling empty vowels with elements**

with João Veloso

Elements: State of the Art and Perspectives, Laboratoire de Linguistique de Nantes

January 2018

**On the progressive vowel harmony in Portuguese**

12th IJUP Meeting of Young Researchers of the University of Porto

June 2017

**The Lusitanian in the Indo-European puzzle**

Colóquio em homenagem de Óscar Lopes, University of Porto

January 2017

**The strange case of the breathy voiced vowel in European Portuguese**

12th IJUP Meeting of Young Researchers of the University of Porto

November 2016

**The breathy voiced vowels and other phonetic features of the Portuguese spoken in Madeira island**

40th anniversary of CLUP- Center of Linguistics of the University of Porto

Summer schools

September 2021

**Fieldling: International School in Linguistic Fieldwork**

INALCO-BULAC, Paris

June 2021

**OEduverse Online Summer School: Hackathon "Design your Research Environment"**

University of Amsterdam

Skills

**Programming**

Proficient: LaTeX

Good command: R language

Basic knowledge: Python

**Languages**

Portuguese (native), English (C1), French (B2), Russian (B1), German (A1), Latin (proficient), Ancient Greek (intermediate)

Academic service:  
journal reviewing

**Reviewer for [Journal of Language Contact](#)**

2021