

Pedro Tiago Martins, PhD

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(last update: September 16, 2022)

EDUCATION

PhD, Cognitive Science and Language (<i>Excellent Cum Laude</i>)	2020
University of Barcelona, Spain	
Supervisors: Cedric Boeckx & Bridget D. Samuels	
Committee: Faustino Dieguez, Andrea Ravignani, Adriano Lameira	
MSc, Brain and Cognition	2015
Pompeu Fabra University, Spain	
Supervisors: Luca Bonatti & Juan Manuel Toro	
MA, Cognitive Science and Language	2013
University of Barcelona, Spain	
Supervisor: Cedric Boeckx	
BA, Language Sciences	2011
University of Porto, Portugal	

ADDITIONAL EDUCATION

Language and Music in Cognition Spring School	2019
Insitute of Musicology, University of Cologne, Germany	
EGG - Central and Eastern European Summer School in Generative Grammar	
University of Wrocław, Poland	2012
University of South Bohemia, České Budějovice, Czech Republic	2011

WORK EXPERIENCE

ICONOMI , Ljubljana, Slovenia	Nov. 2021→
University of Barcelona , Spain	2016–2020
PhD Student/Researcher	
Inbenta Technologies Inc. , Barcelona, Spain	Jan. 2013–Dec. 2015
Computational linguist	
Center of Linguistics of the University of Porto , Portugal	2011–2012
Researcher	

GRANTS

PhD Fellowship (Bolsa de Doutoramento)	2017–2020
Foundation for Science and Technology (FCT), Portugal	
Travel grant for “Features” Workshop at Tromsø (Oct. 2013–Nov. 2010)	Oct. 2013
University of Tromsø, Norway	
Student Support Grant (Ajuts de suport a la formació)	Apr.–June 2013
Generalitat de Catalunya, Spain	
Erasmus Grant	Sept. 2010–July 2011
For 1-year stay abroad at the University of Helsinki, Finland	
Integration into Research Grant (BII – Bolsa de Iniciação à Investigação)	2008–2009
Foundation for Science and Technology (FCT), Portugal	

AWARDS

Extraordinary PhD award	2021
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University of Barcelona, Spain

Best Video — What are Complex Systems? (with T. O’Rourke, S. Sturm, A. Andirkó) June 18, 2018
UBICS Day 2018, University of Barcelona, Spain

Best Poster Presentation — 2nd prize (with J. Veloso) Sept. 1, 2012
45th Annual Meeting of the Societas Linguistica Europæa, Stockholm University, Sweden

PUBLICATIONS

JOURNAL ARTICLES

- [1] T. O’Rourke, **P. T. Martins**, R. Asano, R. O. Tachibana, K. Okanoya, and C. Boeckx. Capturing the Effects of Domestication on Vocal Learning Complexity. In: *Trends in Cognitive Sciences* (2021). DOI: [10.1016/j.tics.2021.03.007](https://doi.org/10.1016/j.tics.2021.03.007)
- [2] **P. T. Martins** and C. Boeckx. Vocal learning: Beyond the continuum. In: *PLoS Biology* 18.3 (2020), e3000672. DOI: [10.1371/journal.pbio.3000672](https://doi.org/10.1371/journal.pbio.3000672)
- [3] M. Zanella, A. Vitriolo, A. Andirko, **P. T. Martins**, S. Sturm, T. O’Rourke, M. Laugsch, N. Malerba, A. Skaros, S. Trattaro, P.-L. Germain, M. Mihailovic, G. Merla, A. Rada-Iglesias, C. Boeckx, and G. Testa. Dosage analysis of the 7q11.23 Williams region identifies BAZ1B as a major human gene patterning the modern human face and underlying self-domestication. In: *Science Advances* 5.12 (2019). DOI: [10.1126/sciadv.aaw7908](https://doi.org/10.1126/sciadv.aaw7908)
- [4] **P. T. Martins** and C. Boeckx. Language evolution and complexity considerations: The no half-Merge fallacy. In: *PLoS Biology* 17.11 (2019), e3000389. DOI: [10.1371/journal.pbio.3000389](https://doi.org/10.1371/journal.pbio.3000389)
- [5] **P. T. Martins**. Comment on “The Siege of Paris” (Berwick and Chomsky, 2019). In: *Inference: International Review of Science* 4.4 (2019). DOI: [10.37282/991819.19.45](https://doi.org/10.37282/991819.19.45)
- [6] **P. T. Martins**, M. Marí, and C. Boeckx. SRGAP2 and the gradual evolution of the modern human language faculty. In: *Journal of Language Evolution* 3.1 (2018), pp. 67–78. DOI: [10.1093/jole/lzx020](https://doi.org/10.1093/jole/lzx020)
- [7] C. Theofanopoulou, S. Gastaldon, T. O’Rourke, B. D. Samuels, **P. T. Martins**, F. Delogu, S. Alamri, and C. Boeckx. Self-domestication in Homo sapiens: Insights from comparative genomics. In: *PLoS ONE* 12.10 (2017), e0185306. DOI: [10.1371/journal.pone.0185306](https://doi.org/10.1371/journal.pone.0185306)
- [8] B. D. Samuels, **P. T. Martins**, and C. Boeckx. Linguistic knowledge by descent: an evolutionary approach to stress typology. In: *Journal of the Phonetic Society of Japan [Special issue: Excavating phonetic/phonological fossils in language: current trends in evolutionary linguistics]* 21.1 (2017), pp. 71–78. DOI: [10.24467/onseikenkyu.21.1_71](https://doi.org/10.24467/onseikenkyu.21.1_71)
- [9] J. Smailović, M. Žnidaršič, A. Valentinčič, I. Lončarski, M. Pahor, **P. T. Martins**, and S. Pollak. Automatic Analysis of Annual Financial Reports: A Case Study. In: *Computación y Sistemas* 21.4 (2017), pp. 809–818. DOI: [10.13053/CyS-21-4-2863](https://doi.org/10.13053/CyS-21-4-2863)
- [10] **P. T. Martins** and C. Boeckx. What we talk about when we talk about biolinguistics. In: *Linguistics Vanguard* 2.1 (2016). DOI: [10.1515/lingvan-2016-0007](https://doi.org/10.1515/lingvan-2016-0007)
- [11] C. Theofanopoulou, **P. T. Martins**, J. Ramirez, E. Zhang, G. Castillo, E. Shi, S. Alamri, A. Martínez-Álvarez, and E. Leivada. Neurological foundations of language: Emerging perspectives. In: *Llengua, Societat i Comunicació* 13 (2015), pp. 4–11. DOI: [10.1344/LSC2015.13.2](https://doi.org/10.1344/LSC2015.13.2)
- [12] **P. T. Martins** and C. Boeckx. Attention mechanisms and the mosaic evolution of speech. In: *Frontiers in Psychology* 5.1463 (2014). ISSN: 1664-1078. DOI: [10.3389/fpsyg.2014.01463](https://doi.org/10.3389/fpsyg.2014.01463)
- [13] C. Boeckx, E. Leivada, and **P. T. Martins**. Language and Complexity Considerations: A Biolinguistic Perspective. In: *Llengua, Societat i Comunicació* 11 (2013), pp. 26–33. URL: <http://revistes.ub.edu/index.php/LSC/article/download/5727/pdf>

BOOK CHAPTERS

- [14] **P. T. Martins** and C. Boeckx. Language evolution: Insisting on making it a mystery or turning it into a problem? In: *Language, Evolution and Mind: Essays in Honour of Anne Reboul*. Ed. by P. Saint-Germier. London: College Publications, 2018, pp. 161–169 (reprint of [18])

- [15] **P. T. Martins**. There is no place for markedness in biologically-informed phonology. In: *Beyond markedness in formal phonology*. Ed. by B. D. Samuels. Amsterdam: John Benjamins, 2017, pp. 219–232. DOI: [10.1075/1a.241.09mar](https://doi.org/10.1075/1a.241.09mar)
- [16] C. Boeckx, **P. T. Martins**, and E. Leivada. Biolinguistics. In: *Cambridge Handbook of Historical Syntax*. Ed. by I. Roberts and A. Ledgeway. Cambridge: Cambridge University Press, 2017, pp. 629–641. DOI: [10.1017/9781107279070.029](https://doi.org/10.1017/9781107279070.029)
- [17] C. Boeckx and **P. T. Martins**. Biolinguistics. In: *Oxford Research Encyclopedia of Linguistics*. Ed. by M. Aronoff. 2016. DOI: [10.1093/acrefore/9780199384655.013.20](https://doi.org/10.1093/acrefore/9780199384655.013.20)
- [18] **P. T. Martins** and C. Boeckx. Language evolution: Insisting on making it a mystery or turning it into a problem? In: *Papers dedicated to Anne Reboul*. Ed. by L. Dupuy, A. Grabizna, N. Foudon, and P. Saint-Germier. Lyon: Institut des Sciences Cognitives/CNRS, 2016, pp. 1–10. URL: <http://reboul.isc.cnrs.fr/MartinsBoeckx.pdf> (reprinted as [14])
- [19] **P. T. Martins**, E. Leivada, A. Benítez-Burraco, and C. Boeckx. Biological pluralism in service of biolinguistics. In: *Advances in Biolinguistics: The Human Language Faculty and its Biological Basis*. Ed. by K. Fujita and C. Boeckx. London: Routledge, 2016, pp. 153–169. URL: <https://www.routledge.com/Advances-in-Biolinguistics-The-Human-Language-Faculty-and-Its-Biological/Fujita-Boeckx/p/book/9781138891722>

IN PROCEEDINGS

- [20] S. Silvente i Font, **P. T. Martins**, and C. Boeckx. Do Life Histories Shape Vocal Production Learning? A Bird-Based Approach. In: *The Evolution of Language: Proceedings of the 13th International Conference (EvoLang13)*. Ed. by A. Ravignani, C. Barbieri, M. Martins, M. Flaherty, Y. Jadoul, E. Lattenkamp, H. Little, K. Mudd, and T. Verhoef. 2020. DOI: [10.17617/2.3190925](https://doi.org/10.17617/2.3190925)
- [21] **P. T. Martins** and C. Boeckx. Specifying the “Vocal” in Vocal Learning. In: *The Evolution of Language: Proceedings of the 13th International Conference (EvoLang13)*. Ed. by A. Ravignani, C. Barbieri, M. Martins, M. Flaherty, Y. Jadoul, E. Lattenkamp, H. Little, K. Mudd, and T. Verhoef. 2020. DOI: [10.17617/2.3190925](https://doi.org/10.17617/2.3190925)
- [22] J. Veloso and **P. T. Martins**. O “Interjudge Agreement” como forma de validação de transcrições de amostras dialetais. Portuguese. In: *A Linguística em Diálogo. Volume Comemorativo dos 40 Anos do Centro de Linguística da Universidade do Porto*. Ed. by J. Veloso, J. Guimarães, P. Silvano, and R. Sousa-Silva. Porto: Centro de Linguística da Universidade do Porto, 2018, pp. 527–545. URL: <https://hdl.handle.net/10216/119717>
- [23] **P. T. Martins** and C. Boeckx. Sound Production Learning and the Contiguity Hypothesis. In: *Proceedings of Evolang XII*. 2018. DOI: [10.12775/3991-1.069](https://doi.org/10.12775/3991-1.069)
- [24] **P. T. Martins**. A reemergência da Biolinguística. Portuguese. In: *Textos Seleccionados do XXX Encontro Nacional da Associação Portuguesa de Linguística*. Porto: FLUP/APL, 2015, pp. 381–401
- [25] C. Theofanopoulou, E. Q. Zhang, S. Alamri, G. Castillo, E. R. Shi, **P. T. Martins**, S. Martínez-Ferreiro, and C. Boeckx. Subcortical Structures and Language Disruption. In: *Stem-, Spraak- en Taalpathologie 20 [Science of Aphasia 2015]*. 2015, pp. 169–171. URL: <https://sstp.nl/issue/view/2663>
- [26] I. Renniecke and **P. T. Martins**. As realizações fonéticas de /R/ em português europeu: análise de um corpus dialetal e implicações no sistema fonológico. Portuguese. In: *Textos Seleccionados do XXVIII Encontro Nacional da Associação Portuguesa de Linguística*. Coimbra: APL, 2013, pp. 509–523. URL: https://apl.pt/wp-content/uploads/2017/09/RENNICKE_MARTINS_2013.pdf
- [27] J. Veloso and **P. T. Martins**. Arquivo Dialetal do CLUP. Portuguese. In: *Textos Seleccionados do XXVIII Encontro Nacional da Associação Portuguesa de Linguística*. Coimbra: APL, 2013, pp. 673–692. URL: https://apl.pt/wp-content/uploads/2017/09/VELOSO_MARTINS_2013.pdf
- [28] J. Veloso and **P. T. Martins**. Etimologia não é morfologia: produtividade e composicionalidade na formação e processamento dos “compostos morfológicos” do português. Portuguese. In: *Textos Seleccionados do XXVII Encontro Nacional da Associação Portuguesa de Linguística*. Ed. by A. Costa, I. Falé, and P. Barbosa. Lisbon: APL, 2011, pp. 558–573

THESES

- [29] **P. T. Martins**. Sound production learning across species: Beyond the vocal learning dichotomy. PhD thesis. University of Barcelona, 2020. URL: <http://www.tdx.cat/handle/10803/670977>
- [30] **P. T. Martins**. Generalizing rules over clicks. Master’s thesis. Pompeu Fabra University, 2015. URL: https://www.upf.edu/documents/4184210/4185119/thesis_Pedro_Tiago_da_Silva.pdf
- [31] **P. T. Martins**. Bilingualism and Evo-Devo: Towards an Extended Synthesis for Language. Master’s thesis. University of Barcelona, 2013

REVIEWS

- [32] P. T. Martins. The Bird is the Word: Review of “Birdsong, Speech, Language: Exploring the Evolution of Mind and Brain” (Ed. by Johan J. Bolhuis & Martin Everaert, 2013). In: *Biolinguistics* 8 (2014), pp. 97–107. URL: <https://www.biolinguistics.eu/index.php/biolinguistics/article/view/339/331>
- [33] P. T. Martins. Review of “Phonological Architecture: A Biolinguistic Perspective” (Bridget Samuels, 2011). In: *Linguística - Revista de Estudos Linguísticos da Universidade do Porto* 7 (2012), pp. 209–216. URL: <http://ler.letras.up.pt/uploads/ficheiros/10752.pdf>

OTHERS

- [34] **P. T. Martins**. Interview with Marc Hauser. In: *(Inter)views on Biolinguistics*. Ed. by **P. T. Martins** and E. Leivada. Biolinguistics Initiative Barcelona, 2014, pp. 1–10. URL: <http://ptmartins.info/papers/interviewhauser.pdf>
- [35] C. Boeckx, J. Veloso, and **P. T. Martins**. Interview with Professor Cedric Boeckx (Catalan Institute for Advanced Studies & Universitat Autònoma de Barcelona). In: *elingUP* 3.1 (2011), pp. 1–29. URL: <http://ojs.letras.up.pt/index.php/elingUP/article/download/2520/2308>
- [36] J. Brandão de Carvalho, J. Veloso, F. Silva, and **P. T. Martins**. Entrevista com o Professor Joaquim Brandão de Carvalho. Portuguese. In: *elingUP* 2.1 (2010), pp. 3–10. URL: <http://ojs.letras.up.pt/index.php/elingUP/article/download/2510/2298>
- [37] F. Lacerda, J. Veloso, and **P. T. Martins**. Entrevista com o Professor Francisco Lacerda. Portuguese. In: *elingUP* 1.1 (2009), pp. 1–17. URL: <http://ojs.letras.up.pt/index.php/elingUP/article/download/2499/2288>
- [38] **P. T. Martins**. A Importância do Acesso Livre. Portuguese. In: *elingUP* 2.1 (2010), pp. 1–2. URL: <https://ojs.letras.up.pt/index.php/elingUP/article/view/2509/2297>

Items [35], [36] and [37] have been republished in a book of interviews: A. Leal, P. Silvano, C. Silva, J. Ferreira, M. Ribeiro, R. Rebouças, and V. Magalhães, eds. *À conversa com linguistas*. FLUP/CLUP, 2020

TALKS & POSTERS

INVITED

- [1] **P. T. Martins**. *From logical to biological: How to gradually become a student of language evolution*. Workshop for students—Joint Conference on Language Evolution. Kanazawa, Japan, Sept. 5–8, 2022
- [2] **P. T. Martins**. *Some ramifications of biology for phonological architecture*. North Atlantic Phonology Conference (NAPhC) — (SFP)² Workshop. Concordia University, Montreal, Canada, June 12, 2021
- [3] **P. T. Martins**. *All-or-nothing tells us little about language evolution*. Center for Language Evolution. The University of Edinburgh, UK, May 26, 2020
- [4] **P. T. Martins** and C. Boeckx. *Vocal Learning Contiguuum*. Unifying Vocal Learning. Lorentz Center, Leiden, Netherlands, Sept. 9–13, 2019 (poster)
- [5] **P. T. Martins**. *An Evolutionary Contiguuum Hypothesis for Sound Production Learning*. Tokyo Conference on Evolving Linguistics — Where does Phonology Fit in? The University of Tokyo, Japan, Mar. 7, 2018

CONFERENCE PRESENTATIONS (PEER-REVIEWED)

- [1] **P. T. Martins**. *Vocal learning is at odds with non-vocal dexterity*. Joint Conference on Language Evolution. Kanazawa, Japan, Sept. 5–8, 2022 (poster)
- [2] T. O’Rourke, **P. T. Martins**, and A. Andirkó. *Gene expression under human self-domestication: an in silico exploration of modern human high-frequency variants*. COGSCI 2021. University of Vienna, Austria, July 26–29, 2021
- [3] **P. T. Martins** and C. Boeckx. *Specifying the “Vocal” in Vocal Learning*. Evolang XIII. Brussels, Belgium, Apr. 17–20, 2020 (presentation cancelled due to COVID-19; available in proceedings [21])
- [4] S. Silvente i Font, **P. T. Martins**, and C. Boeckx. *Do life histories shape vocal production learning? A bird-based approach*. Evolang XIII. Brussels, Belgium, Apr. 17–20, 2020 (presentation cancelled due to COVID-19; available in proceedings [20])
- [5] T. O’Rourke, A. Andirkó, S. Sturm, **P. T. Martins**, J. Moriano, S. Silvente i Font, M. Rumbo i Roig, and C. Boeckx. *Complex interactions among language subcomponents*. UBICS Day 2019. University of Barcelona, Spain, June 18, 2019 (poster)
- [6] M. Zanella, A. Vitriolo, A. Andirko, **P. T. Martins**, S. Sturm, T. O’Rourke, M. Laugsch, N. Malerba, A. Skaros, S. Trattaro, P.-L. Germain, G. Merla, A. Rada-Iglesias, C. Boeckx, and G. Testa. *q11.23 syndromes reveal BAZ1B as a master regulator of the modern human face and validate the self-domestication hypothesis*. EMBL Symposium: Reconstructing the Human Past - Using Ancient and Modern Genomics. Heidelberg, Germany, Mar. 31–Apr. 3, 2019
- [7] **P. T. Martins**, T. O’Rourke, A. Andirkó, S. Sturm, and C. Boeckx. *A hypothesis concerning how the evolution of prosociality impacted vocal learning*. Inaugural workshop of the Center for the Interdisciplinary Study of Language Evolution (ISLE). University of Zurich, Switzerland, Mar. 4–5, 2019
- [8] **P. T. Martins**, T. O’Rourke, A. Andirkó, S. Sturm, and C. Boeckx. *Glutamatergic modulation of vocal learning circuits through the dopaminergic projections of the Periaqueductal Gray*. Language and Music in Cognition: Integrated Approaches to Cognitive Systems Spring School. Insitute of Musicology, University of Cologne, Germany, Feb. 2–8, 2019 (poster)
- [9] B. Samuels, **P. T. Martins**, T. O’Rourke, A. Andirkó, S. Alamri, C. Theofanopoulou, and C. Boeckx. *Rethinking neoteny and neuroplasticity in language evolution*. Workshop: ‘New Directions in Language Evolution Research. 51st Annual Meeting of the Societas Linguistica Europæa. Tallinn, Estonia, Aug. 29–Sept. 1, 2018
- [10] A. Andirkó, S. Sturm, T. O’Rourke, **P. T. Martins**, and C. Boeckx. *The Symbolic Species?* UBICS Day 2018. University of Barcelona, Spain, June 19, 2018 (poster)
- [11] S. Alamri, A. Muñoz, T. O’Rourke, **P. T. Martins**, and C. Boeckx. *The biocognitive ‘guns, germs, and steel’ underlying Homo sapiens’ unique material culture*. Workshop: ‘The ‘stuff’ of language: how should archaeology inform language origins studies?’, Evolang XII. Toruń, Poland, Apr. 16–19, 2018
- [12] **P. T. Martins** and C. Boeckx. *Sound production learning and the Contiguity Hypothesis*. Evolang XII. Toruń, Poland, Apr. 16–19, 2018
- [13] J. Smailović, M. Žnidaršič, A. Valentinčič, I. Lončarski, M. Pahor, **P. T. Martins**, and S. Pollak. *Automatic Analysis of Financial Annual Reports: a Case Study*. 18th International Conference on Computational Linguistics and Intelligent Text Processing. Faculty of Information Technology and Bionics, Pázmány Péter Catholic University, Budapest, Hungary, Apr. 17–23, 2017
- [14] C. Theofanopoulou, T. O’Rourke, S. Gastaldon, A. Messner, B. Samuels, **P. T. Martins**, S. Alamri, and C. Boeckx. *Paleogenomic evidence for self-domestication in Homo sapiens*. European Human Behavior and Evolution Association Annual Conference. École normale supérieure, Paris, France, Apr. 6–8, 2017
- [15] J. Veloso and **P. T. Martins**. *Fiabilidade da transcrição fonética de dados de variação: a utilização do “Interjudge Agreement” como forma de validação de transcrição de segmentos dúbios em amostras dialetais*. Colóquio dos 40 anos do CLUP. University of Porto, Portugal, Nov. 24–25, 2016
- [16] **P. T. Martins**, J. M. Toro, and L. Bonatti. *Generalizing rules over clicks: Preliminary results*. DuCog 2016. Center for Advanced Academic Studies (University of Zagreb), Dubrovnik, Croatia, Apr. 28–May 1, 2016 (poster)
- [17] S. Alamri, E. Zhang, C. Theofanopoulou, G. Castillo, E. Shi, **P. T. Martins**, S. Martínez-Ferreiro, and C. Boeckx. *Academy of Aphasia 53rd Annual Meeting*. Tucson, AZ, USA, Oct. 18–20, 2015 (poster)

- [18] E. Zhang, **P. T. Martins**, and E. Shi. *The multimodal origin of human speech*. Protolang 4. Roma Tre University, Italy, Sept. 24–26, 2015,
- [19] C. Theofanopoulou, E. Zhang, S. Alamri, G. Castillo, E. Shi, **P. T. Martins**, S. Martínez-Ferreiro, and C. Boeckx. *Subcortical structures and language disruption*. 16 Science of Aphasia Conference. University of Aveiro, Portugal, Sept. 17–22, 2015,
- [20] **P. T. Martins**, B. Samuels, and C. Boeckx. *What makes speech human-specific?* Biolinguistic Investigations on the Language Faculty. IUSS - School for Advanced Studies, Pavia, Italy, Jan. 26–28, 2015,
- [21] **P. T. Martins**. *A reemergência da biolinguística*. XXX Encontro Nacional da Associação Portuguesa de Linguística. University of Porto, Portugal, Oct. 22–24, 2014,
- [22] E. Leivada, **P. T. Martins**, and C. Boeckx. *Biology and culture in the evolution of language: Addressing the gap*. “What made us human? Biological and cultural Evolution of Homo Sapiens” Workshop. Erice, Italy, Oct. 14–19, 2014,
- [23] C. Boeckx, E. Leivada, **P. T. Martins**, and A. Benítez-Burraco. *From the language-ready brain to full-fledged linguistic systems*. 11th International Conference on General Linguistics—Biological foundations of language. University of Navarra, Pamplona, Spain, May 21–23, 2014,
- [24] C. Boeckx, **P. T. Martins**, and E. Leivada. *Putting an End to Featuritis*. Features in phonology, morphology, syntax, and semantics: What are they? University of Tromsø, Norway, Oct. 31–Nov. 1, 2013,
- [25] C. Boeckx, J. Rosselló, A. Martínez-Álvarez, **P. T. Martins**, and E. Leivada. *The role of the environment in the evolution of the language faculty*. Linguistic Sciences in the 21st Century: The Interdisciplinary Challenge - Beyond our primate inheritance: Neurobiological and evolutionary approaches to language. University of Cambridge, UK, Oct. 3–4, 2013 (poster)
- [26] **P. T. Martins**. *Enhanced Motor Abilities as Speech Exaptations*. Linguistic Sciences in the 21st Century: The Interdisciplinary Challenge - Beyond our primate inheritance: Neurobiological and evolutionary approaches to language. University of Cambridge, UK, Oct. 3–4, 2013 (poster)
- [27] **P. T. Martins** and E. Leivada. *An Evolutionary Perspective on Language and Complexity*. Linguistic Sciences in the 21st Century: The Interdisciplinary Challenge - Beyond our primate inheritance: Neurobiological and evolutionary approaches to language. University of Cambridge, UK, Oct. 3–4, 2013 (poster)
- [28] E. Leivada, C. Boeckx, J. Rosselló, **P. T. Martins**, and A. Martínez-Álvarez. *The evolution of the language faculty: why the environment was key*. 3rd Annual Meeting of the European Society for the Study of Human Evolution. University of Vienna, Austria, Sept. 19–21, 2013 (poster)
- [29] **P. T. Martins** and E. Leivada. *Language and the Evolution of Complexity*. 3rd Annual Meeting of the European Society for the Study of Human Evolution. University of Vienna, Austria, Sept. 19–21, 2013 (poster)
- [30] **P. T. Martins**. *Biolinguistics and Evo-Devo: Business as Usual?* “What can an extended synthesis do for biolinguistics: On the needs and benefits of Evo-Devo-Logo” Workshop, International Conference on Evolutionary Patterns: Horizontal and Vertical Transmission in Micro- and Macroevoevolutionary Patterns of Biological and Sociocultural Evolution. Gulbenkian Foundation, Lisbon, Portugal, May 27–29, 2013
- [31] C. Boeckx, E. Leivada, A. Martínez-Álvarez, **P. T. Martins**, and J. Rosselló. *On the Need of a New Concept: Syntactic Protolanguage*. Protolang 3. Wrocław, Poland, May 25–26, 2013
- [32] E. Leivada and **P. T. Martins**. *(Biolinguistic) Primitives Lost in Translation*. 36th GLOW Colloquium - Workshop on Biolinguistics. Lund University, Sweden, Apr. 2–6, 2013 (poster)
- [33] A. Benítez-Burraco, A. Martínez-Álvarez, E. Leivada, **P. T. Martins**, and C. Boeckx. *Language and Laterality: A More Nuanced View*. Tarragona Laterality Conference. Catalan Institute of Human Paleocology and Social Evolution, Tarragona, Spain, Feb. 11–13, 2013 (poster)
- [34] I. Rennie and **P. T. Martins**. *Algumas considerações sobre as realizações fonéticas de /R/ em português europeu*. XXVIII Encontro Nacional da Associação Portuguesa de Linguística. University of Algarve, Faro, Portugal, Oct. 25–27, 2012
- [35] J. Veloso and **P. T. Martins**. *Tratamento linguístico e cartográfico de um conjunto de amostras dialetais do português europeu: primeiros resultados*. XXVIII Encontro Nacional da Associação Portuguesa de Linguística. University of Algarve, Faro, Portugal, Oct. 25–27, 2012

- [36] **P. T. Martins** and J. Veloso. *Inter-judge agreement in transcribing dialectal data: a study of a corpus of dialectal Portuguese*. 45th Annual Meeting of the Societas Linguistica Europaea. Stockholm University, Sweden, Aug. 29–Sept. 1, 2012 (poster)
- [37] J. Veloso and **P. T. Martins**. *Etimologia não é Morfologia*. XXVI Encontro Nacional da Associação Portuguesa de Linguística. University of Porto, Portugal, Oct. 21–23, 2010
- [38] **P. T. Martins** and J. Veloso. *Evidências do nível morfológico em português*. III Jornadas de Estudos Pós-Graduados em Fonologia. University of Porto, Portugal, June 26, 2010
- [39] J. Veloso and **P. T. Martins**. *Phonotactic Constraints and Word Demarcation in Romance*. CUNY Conference on the Word. CUNY Graduate Center, New York, NY, USA, Jan. 14–15, 2010 (poster)

OTHERS

- [1] *Café Científico: Què és allò que ens fa humans?* Debate with David Comas and Mara Dierssen. Barcelona, Spain, May 22, 2014
- [2] **P. T. Martins**. *Roundtable discussion: Where to go from here?* Comparative Biolinguistics: An Exploratory Workshop. University of Barcelona, Spain, Nov. 28–29, 2013
- [3] **P. T. Martins** and M. Gil Pires. *O Arquivo Dialectal da FLUP/CLUP*. Sessão pública de divulgação dos resultados do trabalho desenvolvido pelos bolsiros BII. Center of Linguistics of the University of Porto, Portugal, Nov. 25, 2009
- [4] **P. T. Martins** and M. Gil Pires. *Fonotáticas: Primeira Apresentação do Projecto Arquivo Dialectal da FLUP/CLUP*. II Jornadas de Estudos Pós-Graduados em Fonologia. Faculty of Arts and Humanities, University of Porto, Portugal, Apr. 19, 2009
- [5] A. Cunha, **P. T. Martins**, A. Oliveira, and F. Pinto. *JAVALI: Julgamentos de Valor Acerca da Variação Linguística: População do Porto*. Percepção e Apreciação das Variações Sociolectais e Dialectais no Português Europeu Contemporâneo. University of Porto, Portugal, Dec. 21, 2007

SCIENCE COMMUNICATION/ENGAGEMENT

WRITING

- [1] A. Andirkó, A. Vitriolo, C. Boeckx, G. Testa, and **P. T. Martins**. *Cómo evolucionó la cara humana? El síndrome de Williams nos aporta pistas*. The Conversation. Jan. 22, 2020. URL: <https://theconversation.com/como-evoluciono-la-cara-humana-el-sindrome-de-williams-nos-aporta-pistas-125995>
- [2] S. Sturm, **P. T. Martins**, A. Andirkó, and T. O'Rourke. *It's not about cats*. Babel: The Language Magazine. Jan. 12, 2019
- [3] A. Andirkó, C. Boeckx, **P. T. Martins**, S. Sturm, and T. O'Rourke. *Qué es la vida? El futuro de la biología, 75 años después de Schrödinger*. The Conversation. Oct. 2, 2018. URL: <https://theconversation.com/que-es-la-vida-el-futuro-de-la-biologia-75-anos-despues-de-schrodinger-103399>

RADIO INTERVIEWS

- [1] T. O'Rourke and **P. T. Martins**. *La creatividad y el lenguaje en la evolución de Homo sapiens y biobots nadadores*. La Mecanica del Caracol (Euskal Irrati Telebista). Apr. 26, 2021. URL: <https://www.eitb.eus/es/radio/radio-euskadi/programas/la-mecanica-del-caracol/detalle/8006910/la-creatividad-lenguaje-evolucion-homo-sapiens-biobots/>
- [2] **P. T. Martins**. *Buscando la Base Biológica del Lenguaje*. Principio de Incertidumbre (Canal Extremadura). Mar. 3, 2020. URL: <http://www.canalextremadura.es/principio-de-incertidumbre/principio-de-incertidumbre-070320-buscando-la-base-biologica-del-lenguaje>

PARTICIPATION IN PROJECTS

Globularity and the emergence of the language-ready brain
 Spanish Ministry of Economy and Competitiveness (PI: Cedric Boeckx)

Dec.–Sept. 2019

Logodiversity: On the nature of linguistic unity and diversity June 2013–June 2014
Bosch i Gimpera Foundation/European Commission (PI: Cedric Boeckx)
(Research Assistant)

Arquivo Dialectal do CLUP Sept. 2011–Sept. 2012
Center of Linguistics of the University of Porto, Portugal (PI: João Veloso)
Expansion of project below. First version available at cl.up.pt/arquivo/

Fonotáticas: Arquivo Dialectal da FLUP/CLUP Sept. 2008–June 2010
Center of Linguistics of the University of Porto, Portugal (PI: João Veloso)
Database of recordings of European Portuguese

RESEARCH GROUPS & OTHER AFFILIATIONS

University of Barcelona Institute of Complex Systems — UBICS (University of Barcelona) 2017–2020

Cognitive Biology of Language Group (University of Barcelona) 2012–2020
(Formerly known as “Biolinguistics Initiative Barcelona”)

Department of Knowledge Technologies, Jožef Stefan Institute (Ljubljana, Slovenia) 2016–2017
(External collaborator)

Center for Brain and Cognition (Pompeu Fabra University, Spain) 2014–2015
(As an MSc student)

Center of Linguistics of the University of Porto (Portugal) 2008–2020
(Collaborator, Phonology Group)

SERVICE

REVIEWING

Journals

<i>Biolinguistics</i> (2013)	<i>The British Journal for the Philosophy of Science</i> (2021)
<i>Canadian Journal of Linguistics</i> (2021)	<i>Frontiers in Psychology</i> (2015×2, 2019×2)
<i>Journal of Language Evolution</i> (2020)	<i>Learning & Behavior</i> (2021)
<i>Llengua, Societat i Comunicació</i> (2015)	<i>Mind & Language</i> (2022)
<i>Neurobiology of Language</i> (2022)	<i>PLoS Biology</i> (2019×2)
<i>PLoS Computational Biology</i> (2022×2)	<i>PLoS One</i> (2022)
<i>Primates</i> (2020)	<i>Royal Society Open Science</i> (2019×3)

Conferences

Evolang (2018, 2020×4)
Joint Conference on Language Evolution (2022×9)
CogSci (2022)

Organizations

National Research, Development and Innovation Office (NKFIH), Hungary (2022)

DISSERTATION COMMITTEES

Juan Felipe Ramirez-Contreras—MA, Cognitive Science and Language (University of Barcelona) Nov. 11, 2020
Raül Gómez Buisan—MA, Cognitive Science and Language (University of Barcelona) Nov. 11, 2020

CONFERENCE & WORKSHOP ORGANIZATION

Main organizer/Committee

Workshop on Lenneberg (Barcelona) Sept. 29, 2017
Protolang 5 (Barcelona) Sept. 26–28, 2017

Assistance

Comparative Biolinguistics: An Exploratory Workshop	Nov. 28–29, 2013 (Barcelona)
ICREA International Symposium on Biolinguistics	Oct. 1–12, 2012 (Barcelona)
Introduction to Biolinguistics	Nov. 8, 2011 (Porto)
ENAPL	2009 (Lisbon), 2010 (Porto)
ACBLPE	2011 (Porto)
QUID NOVI?	2009 (Porto), 2010 (Porto), 2011 (Porto)

TEACHING

Guest lectures and tutelage of MA students (University of Barcelona)

Interdisciplinary applications of linguistic Concepts (570515)	
Vocal Learning across species	Fall 2018, Fall 2019
Philosophy of Biology	Fall 2015
Introduction to L^AT_EX (with Oriol Borrega)	Spring 2013
Short course taught at the University of Barcelona (4 sessions)	

EDITORSHIP

Co-founding Editor (with João Veloso and Fátima Silva) of <i>elingUP</i>	2009–2011
Open-access electronic journal devoted to the work of students of the University of Porto	

PROOFREADING, REVISING, INDEXING, TYPESETTING (CREDITED)

- [1] Freitas, M. J.; Santos, A. L. 2017. *A aquisição de língua materna e não materna: Questões gerais e dados do português*. Berlin: Language Science Press (proofreading, typesetting, indexing)
- [2] Bickerton, D. 2016. *Roots of Language* (Classics in Linguistics 3). Berlin: Language Science Press. (proof-reading)
- [3] Kempas, I.; Bartens, A. 2011. *Johdatus portugalín kielen ääntämiseen: Portugali ja Brasíliá*. Seinäjoki: Seinäjoen korkeakoulukirjasto. (revising)

TRANSLATION

Translation and revision for the University of Porto of their Moodle *e-learning* platform, from English into European Portuguese

OTHER SCHOOLS ATTENDED

Introduction to Natural Phonology	July 2009
University of Porto, Portugal	
Electroencephalography for Linguists	May 2009
Stockholm University, Sweden	

PROFESSIONAL SOCIETIES

Cognitive Science Society (CSS)	2021→
Central European Cognitive Science Association	2015→
Associação Portuguesa de Linguística	2013–2016
Association for Linguistic Typology	2012–2015
Societas Linguistica Europæa	2012–2015

TECHNICAL SKILLS

productivity: Adobe CS, office suites
speech analysis/synthesis: PRAAT, MBROLA
audio recording, editing: Reaper, Logic Pro, Audacity; knowledge of sound recording techniques and equipment
programming, markup, document preparation, etc.: Unix shell, L^AT_EX, Python, R, git, HTML, CSS, Markdown, Liquid
OSes: MacOS, Linux, Windows

LANGUAGES

Portuguese (native)

English (proficient)

Spanish (advanced)

Catalan (fair)

French, Italian (reading)

Slovenian, Finnish (basic)