

Curriculum Vitae – Dr. João Correia

1. **Identification:** Joao Miguel Mendonça Correia, PhD
Affiliation: Center for Biomedical Research, University of Algarve
Email: jmcorreia@ualg.pt
phone: 00351924382363
2. **Academic Identification:** https://www.researchgate.net/profile/Joao_Mendonca_Correia
3. **Peer-review publications (last 5 years)**
 1. Joao Correia et al., (revision submitted, *Nature Scientific Reports*)
 2. Alexandra Emmendorfer, Joao Correia, et al. (submitted, *Nature Scientific Reports*)
 3. Mario Archila-Melendez, Joao Correia, et a. (submitted, *Nature Medicine*)
 4. Michel Belyk, Benjamin G. Schultz, Joao Correia, et al., 2019. Whistle shares a common tongue with speech: bioacoustics from real-time MRI of the human vocal tract. *Proceedings of the royal society B: Biological Sciences*. 289(1911) 20191116.
 5. Maaïke Vandermosten, Joao Correia, et al., 2019. Brain activity patterns of phonemic representations are atypical in beginning readers with family risk for dyslexia. *Developmental Science*. 20190429.
 6. (*Shared first author) Milene Bonte and Joao Correia*, et al. 2017. Reading-induced shifts of perceptual speech representations in auditory cortex. *Scientific Reports*. 7-5143.
 7. Gojko Zaric, Joao Correia, et al. 2017. Altered patterns of directed connectivity within the reading network of dyslexic children and their relation to reading dysfluency. *Developmental Cognitive Neuroscience*. 23, pp.1-13.
 8. Joao Correia; Bernadette M. Jansma, Milene Bonte. 2015. Decoding Articulatory Features from fMRI Responses in Dorsal Speech Regions. *Journal of Neuroscience*. 35-44, pp.15015-15025.
 9. Joao Correia, et al. 2015. EEG decoding of spoken words in bilingual listeners: from words to language invariant semantic-conceptual representations. *Frontiers in Psychology*. 6-71.

Research activities (last 5 years)

4. **Main Education/Training.**

2015 PhD in Cognitive Neuroscience, Maastricht University, Netherlands
5. **Most relevant highlights in career history.**

01/10/2019 Center for Biomedical Research, University of Algarve (Researcher)
01/05/2017 Basque Center on Cognition Brain and Language (BCBL) (Post-doctoral researcher)
6. **Memberships**

Society for Neuroscience (since 2013)
Society for the Neurobiology of Language (since 2011)
7. **Invited talks and presentations**

Dec 2017 “EEG decoding of continuous speech production”. CNeuro, La Habana, Cuba.

Jul 2017 “Multivariate EEG prediction of own-speech distinguishes feedforward and feedback processes during on-line production”. Coimbra, Portugal.

Nov 2016 “Investigating the neural code of speech production using high-resolution fMRI” (Basque Center for Brain and Language), San Sebastian, Spain.

May 2016 “Neural coding of speech production: investigating high-resolution fMRI representations of spoken words using multivariate classification” (University of Southern California), Los Angeles, USA.

Mar 2016 “Neural coding of speech production: investigating high-resolution fMRI representations of spoken words using multivariate classification” (Haskins Laboratories), New Haven, USA.

8. Summer schools and courses

Jan 2016 FENS-Hertie Winter School: Neurobiology of Language and Communication registration, Obergurgl, Austria. 19

Jul 2013 2nd International Summer School and Workshop on Brain Dynamics: Connectivity & Cognition, Turunc, Marmaris, Turkey.

9. Conferences

2017 CIP (Iberian Congress on Perception) Oral presentation: Correia J., Kries J., Hausfeld L., Gracco V., Bonte M. “Multivariate EEG prediction of own-speech distinguishes feedforward and feedback processes during on-line production”.

2015 SNL (Society for Neurobiology of Language), Chicago, USA. Poster presentation: Correia J., Valente G., Jansma B.M., Bonte M. “Exploring multivoxel classification in individual statistical analysis: an application to word level cortical representations of speech”.

2015 SFN (Society for Neuroscience), Chicago, USA. Poster presentation: Correia J., Bonte M., Hausfeld L., Jansma B.M., Valente G. “Information-based connectivity –IBC: a functional connectivity approach using multivariate classification”.

2015 SFN (Society for Neuroscience), Chicago, USA. Poster presentation: Žarić, G., Correia, J., Fraga González, G., Tijms, J., Van der Molen, M., Blomert, L., and Bonte, M. “Reduced electrophysiological connectivity during visual word recognition in dyslexic children”.

2015 SNL (Society for Neurobiology of Language), Chicago, USA. Poster presentation: Žarić, G., Correia, J., Fraga González, G., Tijms, J., Van der Molen, M., Blomert, L., and Bonte, M. “Reduced electrophysiological connectivity during visual word recognition in dyslexic children”.

10. Teaching / Supervision of thesis

2017 Msc in Cognitive Neuroscience –Internship supervision Jill Kries - “EEG investigation of continuous speech production: Exploring modulations of auditory masking on spatio-temporal aspects of feedforward and feedback processes”.

2017 Msc in Cognitive Neuroscience –Internship supervision Alexandra Emmendorfer- “Formal and temporal predictions in speech perception”.

2015 Msc in Cognitive Neuroscience –research assistance supervision Selma Kemmerer- “The Text-Induced Cross-Modal Phoneme Recalibration Effect –Behavioral and fMRI Evidence”.

2015 Bsc in Psychology – Honor thesis supervision Sophie Stulz- “Is variability in dominant learning strategies the true culprit behind age-related differences in L2?”.

2015 Msc in Cognitive Neuroscience –thesis supervision (second supervisor)

Tin Senija- “Effects of orthographic transparencies on audiovisual integration in the superior temporal cortex of bilinguals”.

11. Teaching / Tutoring on courses

2018 (course coordination) Msc in Cognitive Neuroscience of Language. Neuroimaging methods in neuroscience (EEG and MEG).

2017 (course coordination) Msc in Cognitive Neuroscience of Language. Neuroimaging methods in neuroscience (EEG and MEG).

2017 (teaching) Bsc in Psychology, Sensation and Perception

2016 (course coordinator) Msc in Cognitive Neuroscience, Language and higher-order cognitive processes

2015 (teaching) Msc in Cognitive Neuroscience, Language and higher-order cognitive processes

1. Grants

1. *Junior Researcher. Fundação de Ciências e Tecnologia (FCT), Portugal. 2019*
2. *La Caixa Foundation (team member with prof. Manuel Carreiras on Dyslexia research), Spain. 2019*
3. *Juan de la Cierva, Ministerio de Economía y Competitividad, Spain. 2017*
4. *Erasmus Mundus, Student Exchange Network for Auditory Cognitive Neuroscience Research (Haskins Laboratories, New Haven CT, USA). 2016*