Jane ARISTIA

j.aristia@gmail.com
ORCID ID : 0000-0002-7668-7043

Research interests

Spoken language processing, sentence comprehension, language prediction, language production, neuroimaging

Current position

SEPTEMBER 2022 – MAY 2024
POSTDOCTORAL RESEARCHER
Universidade de Lisboa – Faculty of psychology, Lisboa, Portugal
Supervisor : Prof Ana Pinheiro

Education

OCTOBER 2016 – JANUARY 2021
Ph.D. IN PSYCHOLOGY
Université de Lille – Laboratoire de Sciences Cognitives et Affectives (SCALab), Lille, France
Thesis title: The nature of representations in agreement processing and the neurocognitive processing
that underlies it.
Supervisor : Prof Angèle Brunellière

SEPTEMBER 2014 - SEPTEMBER 2015
MASTER IN COGNITIVE NEUROSCIENCE OF LANGUAGE
Universidad del Pais Vasco – Basque Centre on Brain and Language (BCBL), San Sebastián, Spain
Supervisor : Dr Blair C Armstrong

AUGUST 2007 - JULY 2011
BACHELOR OF PSYCHOLOGY
Universitas Katolik Widya Mandala, Surabaya, Indonesia

Scientific training

Nov 2017 – Aug 2018
Research internship at New York University (NYC and Abu Dhabi)
Supervisor: Prof Alec Marantz

Aug 29 -30, 2017
EEG training course in international conference on Basic and clinical multimodal imaging, Bern, Switzerland

Aug 1-11, 2017
The Norwegian summer institute on language and mind, Oslo, Norway

June 1-5, 2015
Model-based Neuroscience Summer School, Amsterdam, Netherlands

Publications

Aristia, J., Frade, S., & Pinheiro, A. *(in preparation)*. **Prediction by production in spoken sentence processing**.

Aristia, J. *(2024)*. **Neural evidence of word prediction.** *Nature Reviews Psychology*

Aristia, J., Fasquel, A., Ott, L., & Brunellière, A. *(2022)*. **Understanding the same subject-verb agreement differently: ERP evidence for flexibility in processing representations involved in French subject-verb agreement.** *Journal of Neurolinguistics*

Posters

Aristia, J., & Brunellière, A. (2023, Oct). **When the N100 reflects the top-down prediction of verbal inflection during pronoun processing**. Poster session presented at SNL conference, Marseille, France

Aristia, J., & Brunellière, A. (2020, May). **ERP evidence for flexibility in accessing representations associated with subject-verb agreement**. Poster session presented at CNS virtual conference

Aristia, J., Brunellière, A & Marantz, A. (2019, March). **Tracking brain prediction based on associative representations in subject-verb agreement**. Poster session presented at CNS conference, San Francisco, California

Aristia, J., & Brunellière, A. (2017, Nov). **Tracking the neurophysiological correlates during the computation of agreement dependencies: the access of grammatical feature and associative representations in spoken language.** Poster session presented at SNL conference, Baltimore, Maryland.

Aristia, J., & Armstrong, B. C. (2015, June). **Adaptive Effects in Lexical Decision: Implications for Models of Response Selection**. Poster session presented at Model-based Neuroscience Summer School, Amsterdam, Netherlands.

Talk

Aristia, J., & Brunellière, A. (2017, June). **Tracking the representations involved in agreement processing into the spoken language: between abstract or associative representation.** Talk at DOCTILING 2017, Lille, France

Teaching

January 2020 – 3 hours
EEG Methodology
seminar for master students

January 2019 – 3 hours
EEG Methodology
seminar for master students

Scholarship & award

July 2023
ReproPsy Fellowship
Fellowship to hold a statistical workshop for early career researchers

September 2022
Bolsa Pós-Doutoral Faculdade de Psicologia – Universidade de Lisboa
Postdoctoral fellowship

February 2020
International mobility program
To attend CNS at Boston
Funded by the graduate school of humanity & social sciences

February 2019
International mobility program
Travel grant to attend CNS at San Francisco
Funded by the graduate school of humanity & social sciences

February 2018
International mobility program
Travel grant to do a research internship at NYU Abu Dhabi
Funded by Communauté d'Universités et d'Establissements Lille Nord de France

December 2017
International mobility program
Travel grant to do a research internship at NYU
Funded by the graduate school of humanity & social sciences

August 2017
SNL Travel award
Funded by The Society for the Neurobiology of Language

July 2017
International mobility program
Travel grant to attend the Norwegian summer institute and EEG workshop
Funded by the graduate school of humanity & social sciences

Oct 2016 – 2019
Ph.D. in Psychology
Funded by *Centre national de la recherche scientifique* (CNRS)

Sept 2014 – Sept 2015
Master in Cognitive Neuroscience of Language
Funded by BCBL

Technical skills

Experiment tools: EEG, MEG

Experiment presentations: e-prime, presentations, psychotoolbox (matlab)

Statistic tools: R, python, Statistica

EEG & MEG data analysis: Cartool, BESA, MNE python, eelbrain toolbox (python)

Outreach activity

January 2024
Bayesian workshop in Lisbon
Organizing Bayesian workshop for early career researchers. (10-12 Jan 2024). Universidade de
    Lisboa, Lisboa, Portugal

February 2020
DECLICs
Promoting science to high school students. (11 Feb 2020). *Lycée Pasteur*, Lille, France

Languages

Indonesian (native), English (proficient), French (intermediate), Portuguese (basic), Spanish (basic)

References

Prof Ana Pinheiro – Faculdade de Psicologia, Universidade de Lisboa, Portugal
appinheiro@psicologia.ulisboa.pt

Prof Angèle Brunellière – SCALab, Unversité de Lille, France
angele.brunelliere@univ-lille.fr