Carole MILLOT | Curriculum Vitae

Education

PhD thesis in Phonetics, Phonology and Speech sciences

Title: *Voice profiling using voice quality parameters*   *2023 - Now*

Laboratoire de Phonétique et Phonologie, Inria Mission Défense & Sécurité, Paris

Keywords: voice quality, NLP, explainability, speech perception, speaker recognition

Master's degree in Linguistics, Phonetics and Phonology

Université Sorbonne Nouvelle, Paris   *2021 - 2023*

Bachelor's degree in Linguistics

Université Sorbonne Nouvelle, Paris   *2018 - 2021*

Baccalauréat (eq.: ylioppilastutkinto) in Sciences, Life and Earth Science

Mathematics specialty   *2018*

Lycée Général et Technologique Marie de Champagne, Troyes

Research work

Opening the black box in speaker recognition

Article published at Journées d'Études sur la Parole 2024

Authors: Carole Millot, Cédric Gendrot, Jean-François Bonastre.   *2024*

Keywords: voice quality, speech processing, explainability, speech perception, speaker recognition

Modelisation of duration and cepstral modulation in two types of speech:

Prosodic and syntactic factors

Master's thesis, also presented as a poster at Rencontres des Jeunes Chercheurs en Parole 2023   *2023*

Keywords: acoustic phonetics, prosody, syntax

Phonation type variation and its perception by speakers

1st year Master's thesis   *2022*

Keywords: acoustic phonetics, speech perception, voice quality, CNN, speaker characterization

Additional scholarly work

Research assistant

I worked as a research assistant for a research projet at Laboratoire de

Phonétique et Phonologie (recordings in an anechoic chamber, creation

of a perception experiment on PsyToolKit).   *2021 - 2023*

End of bachelor's degree internship

I completed a 50-hour internship at Laboratoire de Linguistique Formelle.

Subject: *Study of the context of appearance of French elliptical fragments in oral*

corpora (CORAL-ROM, CFPP, CRFP and literary corpus (Frantext) with Excel.   *2021*

Other

Fundings

I obtained a scholarship for my Master's degree from Université Sorbonne Nouvelle.

I obtained a scholarship for my PhD thesis from the 2023 classic PhD thesis AID campain.