

JÉRÉMY GENETTE

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RESEARCH STATEMENT

I am a PhD student at the CLiPS research center under the supervision of Prof Steven Gillis and Prof Jo Verhoeven. Currently, I am working on the acoustic characteristics of babbles and early word production in the speech of typically developing children and children with hearing impairment. My research approach is mainly quantitative and inspired by laboratory phonology. Besides the phonetics of child speech, I am also working on methodological questions related to speech sciences and on (Italian) dialectology.

EDUCATION

PhD in Linguistics (Universiteit Antwerpen, BE) Thesis: <i>The development of fundamental frequency in babbles and early words of typically developing children and children with hearing impairment: the case of intrinsic vowel pitch</i> Direction: Prof Steven Gillis and Prof Jo Verhoeven	2021 - present
MA in Linguistics (Université Libre de Bruxelles, BE) Thesis: <i>Linguistique Historique et Sociophonétique: Regards croisés sur le changement linguistique</i> Direction: Prof Bernard Harmegnies Grade: summa cum laude (18.23/20) Individual course: ROMA-B-330 Linguistique espagnole (17/20)	2019 - 2021
Inter-university certificate in Autism Spectrum Disorders (Université Libre de Bruxelles, BE) Common core module	Spring 2020
BA in Modern Languages and Letters: English-Italian (Université Libre de Bruxelles, BE) Minor in Spanish Erasmus (Università degli Studi Roma Tre, IT) Grade: magna cum laude (17.12/20)	2016 - 2019 Fall 2018

PUBLICATIONS

- Genette, J.,** Gillis, S., & Verhoeven, J. (under review) Intrinsic Vowel Fundamental Frequency in children with hearing impairment.
- Genette, J.,** Rivera Espejo, J. M., Gillis, S., & Verhoeven, J. (under review) Determining spectral stability in vowels: a comparison and assessment of different metrics.
- Genette, J.** (2023). Investigating overlapping gestures in acoustic signals: the case of fricatives and sonorants in clusters. In *Proceedings of the XXth international congress of phonetic sciences*.
- Genette, J.,** Verhoeven, J., & Gillis, S. (2023). Fundamental frequency normalization and statistical power: an assessment of 15 normalizing techniques. In *Proceedings of the XXth international congress of phonetic sciences*.
- Genette, J.** (2023). The interplay between linguistic hypotheses and self-identification needs: The case of Calabrian Greek. In A. Ariño-Bizarro, N. López-Cortés, D. Pascual (eds.): *En torno al lenguaje: nuevas aportaciones al estudio lingüístico* (pp. 133-152). Prensas Universitarias de Zaragoza.
- Genette, J.,** & Verhoeven, J. (2022). F0 dynamics associated with prominence realisation in children with hearing impairment. *Stem-, Spraak- En Taalpathologie*, 27. <https://doi.org/10.21827/32.8310/2022-SG-69>

TALKS

Exploring individual differences in dual pathways to the vowel height contrast: the f0 and F1 routes Many Paths to Language, Nijmegen (NL)	October 2023
Shared physiology but differing perceptual enhancements: Exploring Intrinsic Vowel Pitch (IF0) in hearing-impaired children Linguists' Day 2023 of the Linguistic Society of Belgium, Antwerpen (BE)	October 2023
Investigating overlapping gestures in acoustic signals: the case of fricatives and sonorants in clusters XXth international congress of phonetic sciences, Prague (CZ)	August 2023
Fundamental frequency normalization and statistical power: an assessment of 15 normalizing techniques XXth international congress of phonetic sciences, Prague (CZ)	August 2023
Normalizing vowel frequencies and hypothesis testing: comparison and evaluation of 17 normalization techniques in terms of statistical power 9th International Conference on Experimental Phonetics, Vigo (ES)	June 2023
F0 dynamics associated with prominence realisation in children with hearing impairment. Dag van de Fonetiek 2022 of the Nederlandse Vereniging voor Fonetische Wetenschappen, Utrecht (NL)	December 2022
Where to measure within vowels? Comparison and evaluation of acoustic techniques for the selection of measurement points. Linguists' Day 2022 of the Linguistic Society of Belgium, Liège (BE)	October 2022
Entre Teorías Lingüísticas y Realidades Identitarias: el Caso del Griego Calabrés XXXV Congreso Internacional de la Asociación de Jóvenes Lingüistas, Zaragoza (ES)	September 2021
Voice Quality and Language Attitudes: An Acoustic and Articulatory Study T.W.I.S.T. Conference 2021: 15th Student Conference in Linguistics, Leiden (NL)	April 2021
When Metalinguistic Discourse Paves the Way for Self-identification: The Case of Calabrian Greek T.W.I.S.T. Conference 2020: 14th Student Conference in Linguistics (cancelled due to COVID-19), Leiden (NL)	April 2020

TEACHING

Creation of online English linguistics exercises/tests (Université Libre de Bruxelles, BE) GERM-B100: Linguistique synchronique de l'anglais I GERM-B200: Linguistique synchronique de l'anglais II Undergraduate level (BA 1 and 2)	Fall 2021
Student-Assistant (Université Libre de Bruxelles, BE) LING-B200: Linguistique générale: questions théoriques Phonetics, Phonology, Morphology and Syntax. Undergraduate level (BA 2 and 3)	Spring 2021
Student-Assistant (Université Libre de Bruxelles, BE) LING-B100: Linguistique générale: concepts et méthodes Phonetics, Phonology, Morphology and Syntax. Undergraduate level (BA 1 and 2)	Falls 2019 & 2020

AWARD

Best Paper Presentation Award for doctoral students (Linguistic Society of Belgium) Where to measure within vowels? Comparison and evaluation of acoustic techniques for the selection of measurement points.	October 2022
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OTHER RESEARCH EXPERIENCE

Autism in Context (Université Libre de Bruxelles, BE) Chunking and transcription of typically developing children's recordings (PRAAT)	Spring 2021
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SKILLS**IT**

Advanced: *PRAAT, Microsoft Office Suite*
Intermediate: *R, VoiceSauce, LATEX, QGIS*
Basics: *Python, PsychoPy, JASP*

Languages

French: native
Italian: native-like
English: fluent
Dutch: advanced (certified B2)
Spanish: passive knowledge

ADDITIONAL TRAINING

Lingüística y cartografía: proyección de datos dialectales con QGIS (Universidad Nacional de Educación a Distancia, SP)	May 2023
Turning research data into powerful visuals (Universiteit Antwerpen, BE) Doctoral school	Fall 2022
Certificate - Dutch level 5 (Universiteit Antwerpen - Linguapolis, BE) B2 (90 hours)	Spring 2022
Evening classes in Modern Greek (Institut Marie Haps, BE) A1 (60 hours) Grade: 87%	2017 - 2018
Evening classes in Italian (IEPSF Namur Cadets, BE) UF 4 – intermediate level (120 hours) Grade: 85%	2015 - 2016
High-school (Séminaire de Floreffe, BE) Electives: Dutch, English, Greek, Mathematics, Science	2010 - 2016