

JÉRÉMY GENETTE

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Education

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|-------------|--|
| 2021 – 2025 | PhD in Linguistics (Universiteit Antwerpen, BE)
Thesis: <i>It's all in the details: The phonetics of phonological categories in early language acquisition</i>
Supervisors: Prof. Steven Gillis and Prof. Jo Verhoeven |
| 2019 – 2021 | MA in Linguistics (Université Libre de Bruxelles, BE)
Thesis: <i>Linguistique historique et sociophonétique: Regards croisés sur le changement linguistique</i> [Historical linguistics and sociophonetics: Crossed perspectives on language change]
Supervisor: Prof. Bernard Harmegnies
Grade: <i>summa cum laude</i> (18.23/20) |
| 2016 – 2019 | BA in Modern Languages and Letters: English-Italian (Université Libre de Bruxelles, BE)
Minor in Spanish
Erasmus (Università degli Studi Roma Tre, IT)
Grade: <i>magna cum laude</i> (17.12/20) |

Academic positions

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| 2025 – 2028 | Postdoctoral research scientist (Fonds Wetenschappelijk Onderzoek/Universiteit Antwerpen, BE) |
| 2021 – 2025 | PhD fellow (Universiteit Antwerpen, BE) |
| Spring 2021 | Autism in Context (Université Libre de Bruxelles, BE)
Phonetic transcription of French-speaking typically developing children's recordings (PRAAT) |
| 2019 – 2021 | Student-Assistant (Université Libre de Bruxelles, BE)
Organization of support sessions for the general linguistics courses |

Publications

- Jérémy Genette. (in prep.). **Acoustic phonetics of central and lateral fricatives.** In M. Ball & J. Rahilly (Eds.), *The Phonetics and Phonology of Fricatives*.
- Jérémy Genette, Gillis, S., & Verhoeven, J. (in prep.-a). **Categorizing the categories: the acoustic basis of babbling perceptual annotations.**
- Jérémy Genette, Gillis, S., & Verhoeven, J. (under review). **Cue-weighting and (indivi)dual pathways to the acquisition of vowel height.**

- Jérémy Genette, Gillis, S., & Verhoeven, J. (in prep.-b). **The acquisition of intrinsic vowel pitch across the prelexical and lexical periods: a large-scale longitudinal study.**
- Jérémy Genette & Verhoeven, J. (under review). **Long-Term Average Spectrum as a clinical diagnostic tool in Foreign Accent Syndrome.**
- Jérémy Genette, Gillis, S., & Verhoeven, J. (2025). **Intrinsic vowel fundamental frequency in children with and without hearing impairment.** *Folia Phoniatrica et Logopaedica*. <https://doi.org/10.1159/000543426>
- Jérémy Genette. (2024). *Colouring the illustration v.1.0*. [Software]. <https://jgenette.shinyapps.io/colouringtheillustrationapp/>
- Jérémy Genette. (2023a). **Investigating overlapping gestures in acoustic signals: The case of fricatives and sonorants in clusters.** In R. Skarnitzl & J. Volín (Eds.), *Proceedings of the XXth International Congress of Phonetic Sciences* (pp. 2110–2114). Guarant International.
- Jérémy Genette. (2023b). **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.
- Jérémy Genette, Gillis, S., & Verhoeven, J. (2023a). **Stable Vowel Corpus (SVC): a benchmark for spectral stability analyses** [Data set]. *Zenodo*. <https://doi.org/10.5281/zenodo.10228174>
- Jérémy Genette, Rivera Espejo, J. M., Gillis, S., & Verhoeven, J. (2023b). **Determining spectral stability in vowels: A comparison and assessment of different metrics.** *Speech Communication*, 154, 102984. <https://doi.org/10.1016/j.specom.2023.102984>
- Jérémy Genette, Verhoeven, J., & Gillis, S. (2023c). **Fundamental frequency normalization and statistical power: An assessment of 15 normalizing techniques.** In R. Skarnitzl & J. Volín (Eds.), *Proceedings of the XXth International Congress of Phonetic Sciences* (pp. 644–648). Guarant International.
- Jérémy Genette & 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>

Presentations

September 2025	The acquisition of intrinsic vowel pitch from babbling to first words: a large-scale longitudinal study Child Language Symposium 2025, Reading (UK)
July 2024	From speech biomechanics to phonology: children use intrinsic vowel pitch for contrast enhancement XVIth International Congress for the Study of Child Language, Prague (CZ)
March 2024	Behind the annotations: an investigation of the acoustic cues informing the transcription of pre-lexical vocalizations Colloquium of the British Association of Academic Phoneticians 2024, Cardiff (UK)
November 2023	Speech physiology or perceptual enhancement? Exploring Intrinsic Vowel F0 in children with hearing impairment Taalontwikkeling Kinderen (in Nederland en Vlaanderen) dag, Utrecht (NL)
October 2023	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)
August 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)
June 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)
December 2022	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)
October 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)
September 2021	Entre Teorías Lingüísticas y Realidades Identitarias: el Caso del Griego Calabrés [Between Linguistic Theories and Identity Constructs: The Case of Calabrian Greek] XXXV Congreso Internacional de la Asociación de Jóvenes Lingüistas, Zaragoza (ES)
April 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 2020	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)

Teaching

2025 (to be decided)	Module Audiology, Acoustic Phonetics and Deafness (City St George's, University of London, UK) Guest lecture "The developmental aspect(s) of Intrinsic Vowel Pitch"
2024 – 2025	Bachelorscriptie [BA thesis] (Universiteit Antwerpen, BE) Assessor of a BA thesis in Applied Linguistics Undergraduate level
8 May 2024	Phonetics and Phonology seminar (Universität Mannheim, DE) Guest lecture "Intrinsic Vowel Pitch in Children: The acoustic analysis of a child speech corpus" Undergraduate level
8 May 2024	Linguistics: Quantitative Research Seminar (Universität Mannheim, DE) Guest lecture in inferential statistics Undergraduate level
7 May 2024	Psycholinguistics Research colloquium (Universität Mannheim, DE) Guest lecture "Methodological challenges in child speech production research" Graduate level

September – October 2021	Linguistique synchronique de l’anglais I [English linguistics I] (Université Libre de Bruxelles, BE) Design of online exercises in English linguistics Undergraduate level
September – October 2021	Linguistique synchronique de l’anglais II [English linguistics II] (Université Libre de Bruxelles, BE) Design of online exercises in English linguistics Undergraduate level
Spring 2021	Linguistique générale: questions théoriques [General Linguistics: Theoretical Questions] (Université Libre de Bruxelles, BE) Student-Assistant: Phonetics, Phonology, Morphology and Syntax Undergraduate level
Falls 2019 & 2020	Linguistique générale: concepts et méthodes [General Linguistics: Concepts and Methods] (Université Libre de Bruxelles, BE) Student-Assistant: Phonetics, Phonology, Morphology and Syntax Undergraduate level

Award

October 2022	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.
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Grants

2025 – 2028	Fonds Wetenschappelijk Onderzoek: Junior Postdoctoral Grant [1235526N] <i>Acoustic cue-weighting in production and perception of infant-directed speech</i>
July 2024	Fonds Wetenschappelijk Onderzoek: Travel grant <i>XVIth International Congress for the Study of Child Language</i>
May 2024	European Union: ERASMUS+ staff mobility for teaching
August 2023	Fonds Wetenschappelijk Onderzoek: Travel grant <i>XXth International Congress of Phonetic Sciences</i>

Skills

IT

Advanced: Python, PRAAT, R, L^AT_EX, Microsoft Office Suite
Intermediate: PsychoPy, QGIS, VoiceSauce

Languages

French: native
Italian: native-like
Dutch: advanced (certified C1)
English: advanced
Spanish: passive knowledge
Modern Greek: basic

Additional training

Fall 2024	Evening classes in Dutch, Level 6 – C1 (KU Leuven, BE)
2023 – present	Evening classes in Modern Greek (Encora, BE)
October 2023	Introduction to Open Science & how to open up your data (Max Planck Institute for Psycholinguistics, NL)
October 2023	Using Wordbank for language development research (Max Planck Institute for Psycholinguistics, NL)
May 2023	Lingüística y cartografía: proyección de datos dialectales con QGIS [Linguistics and cartography: Mapping dialect data with QGIS] (Universidad Nacional de Educación a Distancia, ES)
Fall 2022	Turning research data into powerful visuals (Universiteit Antwerpen, BE) Doctoral school
Spring 2022	Evening classes in Dutch, Level 5 – B2 (Universiteit Antwerpen – Linguapolis, BE)
Spring 2020	Inter-university certificate in Autism Spectrum Disorders (Université Libre de Bruxelles, BE) Common core module
2017 – 2018	Evening classes in Modern Greek – A1 (Institut Marie Haps, BE) Grade: 87%
2015 – 2016	Evening classes in Italian – intermediate level (IEPSF Namur Cadets, BE) Grade: 85%

Scientific affiliations

International Phonetic Association, British Association of Academic Phoneticians, Nederlandse Vereniging voor Fonetische Wetenschappen, International Association for the Study of Child Language, Linguistic Society of Belgium.

Referees

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