

Giulio Severijnen

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🌐 Giulio Severijnen

🌐 <https://giuliosever.github.io>

Employment

- 2024 – current 📌 **Postdoctoral researcher**, International School for Advanced Studies (SISSA), Trieste, Italy
PI: Prof. Dr. Davide Crepaldi
Topics: Statistical learning; Neural substrates of reading

Education

- 2020 – 2025 📌 **Ph.D., Psycholinguistics**, Donders Institute for Brain, Cognition, and Behaviour, Radboud University Nijmegen, The Netherlands
Thesis title: *A blessing in disguise: How prosodic variability challenges but also aids successful speech perception*
Promotor: Prof. Dr. J.M McQueen, Supervisors: Dr. H.R. Bosker & Dr. A.G. Lewis
- 2018 – 2020 📌 **M.Sc. Cognitive Neuroscience (cum laude)**, Radoud University Nijmegen, The Netherlands
Thesis title: *The role of talker-specific prosody in predictive speech perception*
Supervised by: Dr. H.R. Bosker, Dr. V. Piai, & Prof. Dr. J.M. McQueen
- 2013 – 2017 📌 **B.Sc. Psychology**, Radboud University Nijmegen, The Netherlands
Thesis title: *Incidental learning of a new language: The influence of attention and multilingualism*
Supervised by: Prof. Dr. K.M. Lemhöfer

Academic Experience

- 2019 – 2020 📌 **Research intern**, Donders Institute for Brain, Cognition, and Behaviour & Max Planck Institute for Psycholinguistics, Nijmegen, The Netherlands
Topics: Perceptual learning; Speech perception; EEG
Supervisors: Dr. H.R. Bosker, Dr. V. Piai, & Prof. Dr. J.M. McQueen
- 2018 – 2020 📌 **Student Assistant**, Donders Institute for Brain, Cognition, and Behaviour, Nijmegen, The Netherlands
Topics: Multilingualism; Idiomatic L2 processing;
Supervised by: Prof. Dr. A.F.J. Dijkstra
- 2017 – 2018 📌 **Student Assistant**, Donders Institute for Brain, Cognition, and Behaviour, Nijmegen, The Netherlands
Topics: Bilingualism; L2 language attrition
Supervised by: Prof. Dr. K.M. Lemhöfer

Research Publications

- 1 **Severijnen, G. G. A.**, Bosker, H. R., & McQueen, J. M. (2024). Your “VOORnaam” is not my “VOORnaam”: An acoustic analysis of individual talker differences in word stress in dutch. *Journal of Phonetics*, 103, 101296. 🔗 <https://doi.org/10.1016/j.wocn.2024.101296>
- 2 **Severijnen, G. G. A.**, Gärtner, V. M., Walther, R. F., & McQueen, J. M. (2024). Talker-specific perceptual learning about lexical stress: Stability over time. *Speech Prosody* 2024, 657–661. 🔗 <https://doi.org/10.21437/SpeechProsody.2024-133>

- 3 **Severijnen, G. G. A.**, Bosker, H. R., & McQueen, J. M. (2023). Syllable rate drives rate normalization, but is not the only factor. In R. Skarnitzl & J. Violin (Eds.), *Proceedings of the 20th international congress of the phonetic sciences (ICPhS 2023)* (pp. 32–36).
- 4 **Severijnen, G. G. A.**, Di Dona, G., Bosker, H. R., & McQueen, J. M. (2023). Tracking talker-specific cues to lexical stress: Evidence from perceptual learning. *Journal of Experimental Psychology: Human Perception and Performance*, 49(4), 549–565. <https://doi.org/10.1037/xhp0001105>
- 5 Muntendam, A., Van Rijswijk, R., **Severijnen, G.**, & Dijkstra, T. (2022). The role of stress position in bilingual auditory word recognition: Cognate processing in turkish and dutch. *Bilingualism: Language and Cognition*, 25(4), 679–690. <https://doi.org/10.1017/S1366728922000037>
- 6 **Severijnen, G.**, Bosker, H. R., & McQueen, J. (2022). Acoustic correlates of dutch lexical stress re-examined: Spectral tilt is not always more reliable than intensity. In S. Frota, M. Cruz, & M. Vigário (Eds.), *Proceedings of speech prosody 2022* (pp. 278–282). <https://doi.org/10.21437/SpeechProsody.2022-57>
- 7 **Severijnen, G. G. A.**, Bosker, H. R., Piai, V., & McQueen, J. M. (2021). Listeners track talker-specific prosody to deal with talker-variability. *Brain Research*, 1769. <https://doi.org/10.1016/j.brainres.2021.147605>

Talks and presentations

Invited talks








- 1 **Severijnen, G. G. A.** (2024). *Prosodic variability not only challenges, but also contributes to successful speech perception*. [Department of Linguistics, Potsdam. Invited by Prof. Dr. Isabell Wartenburger] [Invited talk].
- 2 **Severijnen, G. G. A.** (2024). *Prosodic variability, friend or foe?* [MPI for Psycholinguistics introduction day, invited by dr. Kevin Lam] [Invited talk].
- 3 **Severijnen, G. G. A.**, & Di Dona, G. (2021). *Listeners deal with prosodic talker variability through perceptual learning* [Open lab meeting on talker variability, University of Rochester. Invited by dr. Chigusa Kurumada] [Invited talk].

Conference talks and poster presentations







- 1 **Severijnen, G. G. A.**, Gärtner, V., Walther, R., & McQueen, J. M. (2024). *Perceptual learning about lexical stress: Stability over time* [12th international conference on Speech Prosody (Speech Prosody 2024)] [Oral presentation].
- 2 **Severijnen, G. G. A.**, Bosker, H. R., & McQueen, J. M. (2023). *Individual differences in lexical stress in dutch: An examination of cue weighting in production* [Phonetics and Phonology in Europe 2023 (PaPe 2023)] [Oral presentation].
- 3 **Severijnen, G. G. A.**, Bosker, H. R., & McQueen, J. M. (2023). *Listeners prioritize acoustic information over orthographic information in rate normalization* [Architectures and Mechanisms for Language Processing (AMLaP) 2023] [Poster].
- 4 **Severijnen, G. G. A.**, Bosker, H. R., & McQueen, J. M. (2023). *Syllable rate drives rate normalization, but is not the only factor* [20th International Congress of the Phonetic Sciences (ICPhS 2023)] [Poster].
- 5 **Severijnen, G. G. A.**, Bosker, H. R., & McQueen, J. M. (2022). *Acoustic correlates of dutch lexical stress re-examined: Spectral tilt is not always more reliable than intensity* [11th international conference on Speech Prosody (Speech Prosody 2022)] [Oral presentation].
- 6 **Severijnen, G. G. A.**, Bosker, H. R., & McQueen, J. M. (2022). *How do “VOORnaam” and “voorNAAM” differ between talkers? a corpus analysis of individual talker differences in lexical stress in dutch* [18th conference on Laboratory Phonology (LabPhon18)] [Poster].

- 7 **Severijnen, G. G. A., Bosker, H. R., & McQueen, J. M. (2021).** *Jouw “voornaam” is niet mijn “voornaam”*: An acoustic analysis of individual talker differences in producing lexical stress in dutch [Dag van de Fonetiek 2021] [Oral presentation].
- 8 **Severijnen, G. G. A., Bosker, H. R., & McQueen, J. M. (2021).** *Listeners deal with prosodic talker variability through perceptual learning* [62nd Annual Meeting of the Psychonomic Society] [Poster].
- 9 **Severijnen, G. G. A., Bosker, H. R., Piai, V., & McQueen, J. M. (2020).** *The role of talker-specific prosody in predictive speech perception* [Dag van de Fonetiek 2020] [Oral presentation].
- 10 **Severijnen, G. G. A., Bosker, H. R., Piai, V., & McQueen, J. M. (2020).** *The role of talker-specific prosody in predictive speech perception* [26th Architectures and Mechanisms for Language Processing Conference (AMLaP 2020)] [Poster].

Teaching Experience

- 2024 – 2025  **Supervision MSc student**, Radboud University Nijmegen
- 2023  **Obtained university teaching qualification (UTQ)** at Radboud University Nijmegen
- 2022 – 2023  **Supervision of BSc Honours students**, Radboud University Nijmegen
 **Lecturer, Bachelor Linguistics**, Radboud University Nijmegen
- 2021 – 2023  **Seminar teacher, Bachelor Linguistics**, Radboud University Nijmegen
- 2020 – 2023  **Seminar teacher, Bachelor Psychology**, Radboud University Nijmegen
- 2020 – 2021  **Supervision MSc student**, Radboud University Nijmegen

Courses and workshops


- 2021 – 2023  **Courses on teaching and supervision in higher education**, Radboud University Nijmegen
- 2022  **Advanced MEG/EEG toolkit**, Donders Institute for Brain, Cognition, and Behaviour, Nijmegen
- 2021 – 2022  **Courses on presentation and illustration skills**, Radboud University Nijmegen
- 2021  **Course on open science**, Radboud University Nijmegen
 **Course on scientific writing**, Radboud University Nijmegen
 **Course on project management**, Radboud University Nijmegen

Additional Experience



Conference organization

- 2022-2023  **Junior organization committee GESPIN conference**, Max Planck Institute for Psycholinguistics, Nijmegen



Additional Experience (continued)

- 2022  **Conference organization committee IMPRS conference**, Max Planck Institute for Psycholinguistics, Nijmegen





Reviewing experience

- 2020-present  **Journal reviewer** for *Behaviour Research Methods*; *Journal of the Acoustical Society of America*; *Journal of Experimental Psychology: Learning, Memory, and Cognition*; *Psychonomic Bulletin & Review*
- 2022-present  **Conference submission reviewer** for *CogSci 2024*

Outreach and institutional involvement

- 2020-2024  **Lab committee member**, Donders Institute for Brain, Cognition, and Behaviour, Nijmegen
- 2019  **Demo at 'talenfestival Drongo'**, Nijmegen, The Netherlands

Skills

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|------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------|
| Research methods |  | Behavioural experiments, EEG, MEG, fMRI |
| Experiment programming |  | Neurobs Presentation, Python/Psychopy, Gorilla, JsPsych |
| Data analysis |  | R, MATLAB, Fieldtrip toolbox, BrainVision Analyzer |
| Speech editing |  | Praat |

References

Available on Request