Curriculum vitae: Martijn Wieling

Personal information

Date of birth:	March 18, 1981
Place of birth:	Emmen
Nationality:	Dutch
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Summary

- **2007**: MSc in Computing Science, University of Groningen (UG), *cum laude*
- **2007**: MSc in Behavioral Cognitive Neurosciences, UG, *cum laude*
- **2012**: PhD in Linguistics, *cum laude* (top 10%)
- **Since 2012:** Grants and subsidies worth over € 4,000,000, among which:
  - Nij Begun Social Agenda subsidy (2025-2030; about € 2,000,000)
  - NWO Rubicon grant (€ 60,000)
  - NWO Veni grant (€ 250,000)
  - 3 NWO PhD in the Humanities grants (€ 250,000 each)
  - Several regional grants on speech technology (€ 400,000 in total)
- **Since 2018**: Professor by special appointment of Low Saxon/Groningen Language & Culture
  Associate professor (tenured, UHD1) Information Science, UG
  - Supervision: 2 postdocs (1 finished), 18 PhD students (8 finished), several MA students
  - Teaching (with UTQ): Several statistics courses at BA, MA and PhD-level
- **2025-2026**: Lonnoy Chair of Multilingualism, Vrije Universiteit Brussel (VUB), Belgium
- **2015-2020**: Member of *De Jonge Akademie*, Royal Netherlands Academy of Arts and Sciences
- **2016-2021**: Founding member of the Young Academy Groningen, UG (2021: board member)
- **2016**: European Young Research Award, EuroScience
- **2017**: Committee member for the Canada Foundation for Innovation (total grants: M$550)
- **2018-2020**: Vice-chairman of *De Jonge Akademie*, KNAW
- **2018-2021**: Member of the editorial board of PLOS ONE (Open Access)
- **2018-present**: Member of the board of *Stichting Nederlandse Dialecten*
- **2018-2024**: Member of the *FWO (Flanders)* expert panel Linguistics
- **2019-present**: Co-editor-in-chief Language Variation series in Language Science Press (OA)
- **2019**: Member NWO Veni panel Linguistics
- **2019-2024**: Member of the *Global Young Academy*
- **2021-present**: Member of the editorial board of *Taal en Tongval*
- **2024-present**: Member of the board (finances) of Educational Cluster 3 of the Faculty of Arts
- **Outreach**: Presentations and publications (incl. *comic*, *board game*, initiator of a massive open online course for Gronings) and 150+ media items
- **Scientific output**:
  - **>140 peer-reviewed publications**, several in top conferences in NLP and Speech Technology (ACL, Interspeech), and top journals in Linguistics, such as *Journal of Phonetics* (several times), *Language*, *Journal of the Acoustical Society of America*, *Computer Speech and Language, Computers and Education*, *PLOS ONE* (several times), and by invitation in the *Annual Review of Linguistics*
  - **>100 scientific presentations and courses** (about 40 by invitation, such as a keynote presentation at the International Conference on Language Variation in Europe, and at labs in Cambridge, Toulouse and Montréal; and an accepted course at the prestigious biennial *LSA Institute*)

Education

2017 **University Teaching Qualification (UTQ)**, University of Groningen

2012 **PhD degree in Linguistics** (*cum laude*: top 10%), Faculty of Arts, University of Groningen
Dissertation title: *A Quantitative Approach to Social and Geographical Dialect Variation*.
Promotores: Prof. John Nerbonne (University of Groningen / Universität Freiburg) and Prof. R. Harald Baayen (Universität Tübingen / University of Alberta).

2007 **Master of Science (MSc) Computing Science – Intelligent Systems** (*cum laude*), University of Groningen.

2007 **Master of Science (MSc) Behavioral Cognitive Neurosciences (BCN) – Computational Modeling of Cognition** (*cum laude*), University of Groningen.

2005 **Bachelor of Science (BSc) degree Computing Science** (*cum laude*), University of Groningen.

University positions

Since 7/2018 **Professor** by special appointment (0.2 fte) of Low Saxon / Groningen Language and Culture, *Centrum Groninger Taal en Cultuur*.

Since 7/2018 **Associate Professor** (since 2/23 UHD1, 0.8 fte, with tenure), Department of Information Science, Faculty of Arts, University of Groningen.

2025 – 2026 **Lonnoy Chair** of Multilingualism, Vrije Universiteit Brussel (VUB), Belgium

2017 – 2023 **Affiliated Research Scientist**, Haskins Laboratories, Yale, New Haven, USA.

2015 – 2018 **Assistant Professor** (UD2/1, 0.75 fte, with tenure), Department of Information Science, Faculty of Arts, University of Groningen.

2013 – 2015 **Post-doc** (0.75 fte) during the first two years of my four-year **NWO Veni grant project** *Improving speech learning models and English pronunciation with articulography*. Faculty of Arts, University of Groningen.

2013 – 2014 **Post-doc** (0.2 fte) with Prof. R. Harald Baayen at the Department of Quantitative Linguistics, University of Tübingen, Germany.

2012 – 2013 **Post-doc** (1 fte) on a one-year **NWO Rubicon grant project** collaborating with Prof. R. Harald Baayen. Project title: *Investigating language variation physically*. Department of Quantitative Linguistics, University of Tübingen, Germany.

Research grants and fellowships (until 2030: > € 4,000,000)

2025 **Nij Begun Social Agenda subsidy for the MOI project stimulating the use and teaching of Gronings and Drents** (~€ 1,200,000 per year including matching, of which about **€ 400,000** per year is available for developing speech and language technology). Note that the Nij Begun Social Agenda funds projects long-term. In principle the financing for this project focusing on stimulating Gronings and Drents is secured until **2055**.

2025 **NWO PhD in the Humanities grant** (**€ 330,000** including € 65,000 matching by UG). Title project: *Speech rhythm: do we move to our own beat?* PI: Dr. Defne Abur. PhD student: Valentine Lucquiault.

2024 **Subsidy** (**€ 165,000**) **from the Provinces of Groningen, Drenthe, Fryslân, Overijssel and Gelderland** for a post-doc position on Low Saxon speech technology.

2023 **Subsidy** (**€ 10,000**) **from the Province of Groningen** for the purchase of a Temi robot for implementing Groningen speech technology on.

2023 **NWO PhD in the Humanities grant** (**€ 280,000** including € 55,000 matching by UG). Title project: *Sensorimotor control of speech in Alzheimer's and Parkinson's disease*. Co-applicant: Dr. Defne Abur. PhD student: Katharina Polsterer.

2022 **Subsidy** (**€ 225,000**) **from the Province of Fryslân** for a PhD position on Frisian speech technology.

2022 **National Science Agenda** (**€ 22,500** with Erfgoedcentrum Achterhoek Liemers, RUG Scholierenacademie and Feestfabriek AKG B.V.) subsidy for the development of an app and primary school lesson program on Achterhoeks.

2021 **WoordWaark subsidy** (**€ 90,000**; with Prof.dr. Goffe Jensma). Project title: *WoordWaark publieksinterface.*

2021 **KNAW Gewaardeerd! public engagement subsidy** (**€ 10,000**). Awarded in acknowledgement of the public engagement activities of the Speech Lab Groningen. Through this grant, we have developed the dialect board game Streektaalstrijd. We have received additional grants (each valued € 2,000) from the province of Fryslân, the province of Groningen, the province of Drenthe, Erfgoedcentrum Achterhoek Liemers, and Raod veur 't Limburgs to help cover the costs of printing the game.

2021 **Platform Digitale Infrastructuur SSH Grant** (**€ 24,000 for UG**; co-applicant of larger grant of € 600,000 – PI: Prof. Van Dijck, Maastricht University)

2021 **CIT Data Science Grant** (**€ 30,000**; with Prof. dr. Jenny van Doorn), University of Groningen. Project title: *Dialects of Groningen: from text to speech*.

2021 **Subsidy for the organization of a Summer School on Speech** from the French-German University (**€ 14,000**; with Dr. Susanne Fuchs – ZAS, Dr. Anne Hermes – LPP France, Dr. Leonardo Lancia – LPP France)

2020 **Subsidy for the purchase of an NDI Vox EMA** (**€ 16,000)** from the board of the Faculty of Arts of the University of Groningen.

2020 **Subsidy for SPRAAKLAB** (**€ 150,000**) from the board of the University of Groningen. The funding covers the acquisition of a mobile laboratory which can be used to conduct (e.g.,) acoustic and articulatory data collection experiments in the field. See https://www.rug.nl/let/spraaklab.

2019 **NWO PhD in the Humanities grant** (**€ 250,000** including € 50,000 matching by UG). Title project: *Speech planning and monitoring in Parkinson's disease: a speech motor control perspective*. PhD student: Teja Rebernik.

2019 **Google Community Grant** (**€ 30.000**). Title project: *Van old noar jong: het digitaal doorgeven van Groningse streektaal en identiteit.*

2019 **Lowlands Science 2019 project grants** from the University of Groningen, the Young Academy Groningen and the *Stichting Groninger Universiteitsfonds* (€ 9000).

2019 **Digital Humanities Data Science grant** (**€ 12,500**), RUG. Project title: *Automatic rating and recognition of Groningen speakers*.

2018 ***De Jonge Akademie*** **project grant** (€ 8000; co-applicant) for conducting a study investigating the speech articulation of children with Duchenne Muscular Dystrophy, in collaboration with Prof. Annemieke Aartsma-Rus (PI), Leiden University Medical Center, Dr. Aude Noiray, Univ. of Potsdam and Dr. Jos Hendriksen, Kempenhaege.

2018 **NWO KIEM grant** (**€ 18,000**) for a web interface for the "Sprekend Nederland" project (PI: Prof. Frans Hinskens)

2018 **Lowlands Science 2018 project grants** from the University of Groningen, the Young Academy Groningen and the *Stichting Groninger Universiteitsfonds* (total: **€ 10,000**)

2018 **Nvidia Hardware Grant**, Titan Xp GPU (value: € 1250).

2017 **CIT Data Science Grant** (**€ 35,000**; with Dr. Nanna Hilton), University of Groningen. Project title: *Automatic recognition of Frisian speakers*.

2017 ***Stichting Groninger Universiteitsfonds*** **grant** (**€ 13,750**) for purchasing a high-speed ultrasound device and control laptop.

2017 ***De Jonge Akademie*** **project grant** (€ 4000) for conducting a study on the effectiveness for pronunciation training of visual feedback of the tongue using ultrasound.

2017 **Nvidia Hardware Grant**, Titan X Pascal GPU (value: € 1250).

2017 **Interdisciplinary PhD position Young Academy Groningen** (**€ 115,000**; with Prof. Michel Vols, Faculty of Law), University of Groningen. Project title: *Automatic detection of linguistic patterns in legal big data*.

2016 **Digital Humanities Exploratory Project Grant** (**€ 50,000**), University of Groningen. Project title: *Identifying Dutch accents automatically*.

2016 **Nvidia Hardware Grant**, Titan X GPU (value: € 1250).

2016 ***De Jonge Akademie*** **project grant** (€ 4000) for the creation and publication of a comic to illustrate one of the results of my articulography research to the general public. The result can be seen at http://www.martijnwieling.nl/comic.

2016 **Research support grant** (€ 5000), Faculty of Arts, University of Groningen.

2015 ***De Jonge Akademie* project grant** (€ 6000; co-applicant) for a collaborative project with Dr. Marleen Kamperman, Prof. Johan van Leeuwaarden and Prof. Jan-Willem Veening. This project resulted in this comic about doing research.

2015 ***Vereniging van Instellingen voor mensen met een Visuele beperking* (VIVIS) project grant (€50,000)**. Project title: *Automatic speech recognition for congenitally blind speakers*.

2015 **Short Term Mobility Grant** (€ 1700) of the *Consiglio Nazionale delle Ricerche* awarded for a research visit to *Istituto di Linguistica Computatazionale*, CNR, Pisa, Italy.

2015 ***De Jonge Akademie* project grant** (€ 8000) for a collaborative project on visualizing dialect data with Prof. Bettina Speckmann, Eindhoven University of Technology.

2013 **NWO (Netherlands Organisation for Scientific Research) Veni Award (€ 250,000** + € 50,000 contributed by the Faculty of Arts, University of Groningen). Project title: *Improving speech learning models and English pronunciation with articulography*.

2013 **Short Term Mobility Grant** (€ 2100) of the *Consiglio Nazionale delle Ricerche* awarded for a two-week research visit *to Istituto di Linguistica Computatazionale*, CNR, Pisa, Italy.

2012 **NWO (Netherlands Organisation for Scientific Research) Rubicon Grant (€ 59,000)** for a one-year post-doc appointment at the University of Tübingen, Germany. Project title: *Investigating language physically*.

2011 **Short Term Mobility Grant** (€ 2100) of the *Consiglio Nazionale delle Ricerche* awarded for a research visit to *Istituto di Linguistica Computatazionale*, CNR, Pisa, Italy.

2010 **Travel grant** (€ 400) of the University College London to attend the AHRC CECD 2010 Summer School in London.

2006 **Individual monthly stipend** (total: € 2220) awarded to the best four students of the BCN research master.

Honors and awards

2025 **Lonnoy Chair** of Multilingualism, Vrije Universiteit Brussel (VUB), Belgium

2020 **Elected board member of the Young Academy Groningen**, UG (9/2020 – 8/2021)

2019 **Member of the Global Young Academy**, a group of approximately 200 young promising scientists worldwide.

2018 **Elected vice-chairman of *De Jonge Akademie***, KNAW (4/2018 – 3/2020).

2016 **European Young Research Award**, EuroScience. This biennial prize is meant for post-docs with excellent research performance and leadership, and who exhibit a clear European dimension in their work. This was the first time someone from the humanities was awarded this prestigious prize.

2016 **Founding member of the Young Academy Groningen**, a group of about 25 promising young researchers of the University of Groningen (9/2016 – 8/2021)

2015 **Member of the *De Jonge Akademie***, a national group of 50 young (up to 10 years after PhD) promising scientists (9/2015 – 8/2020). *De Jonge Akademie* is a part of the Royal Netherlands Academy of Arts and Sciences (KNAW).

2014 **Lisa Lena Opas-Hänninen prize for best young scholar's poster** at the Methods in Dialectology XV conference, Groningen.

2012 **Best Poster Award** at the BCN New Year's Meeting.

PhD supervision

Since 2015 **Successfully supervised 10 PhD students as promotor**: dr. Masha Medvedeva (2022), dr. Jidde Jacobi (2022), dr. Nienke Meulman (2023), dr. Martijn Bartelds (2023, *cum laude*), dr. Wietse de Vries (2024), dr. Lourens Visser (2024), dr. Teja Rebernik (2024), dr. Raoul Buurke (2026), dr. Thomas Tienkamp (2026), and dr. Iris Schepers (2026).

Since 1/2020	**Promotor** (external) of PhD student Janine Siewert at the University of Helsinki together with Prof. Jörg Tiedemann (first promotor) and Dr. Yves Scherrer (both University of Helsinki, Finland). Defense date has been scheduled.
Since 10/2022	**Promotor** (1st) of PhD student Hedwig Sekeres together with Dr. Remco Knooihuizen, University of Groningen.
Since 2/2023	**Promotor** (1st) of PhD student Reihaneh Amooie together with Dr. Jelske Dijkstra (Fryske Akademy) and Dr. Matt Coler (Campus Fryslân).
Since 9/2023	**Promotor** (1st) of PhD student Katharina Polsterer together with Dr. Defne Abur, University of Groningen.
Since 11/2023	**Promotor** (1st) of PhD student (CSC grant) Yun Hao together with Dr. Rik van Noord and Dr. Wietse de Vries, University of Groningen.
Since 11/2023	**Promotor** (1st) of PhD student Dan Mu together with Dr. Defne Abur and Dr. Frank Tsiwah, University of Groningen.
Since 1/2025	**Promotor** (3rd) of PhD student Tony Schelhorn together with Dr. Defne Abur, and Prof. Ulrich Hoppe and Prof. Michael Döllinger, Friedrich-Alexander University Erlangen-Nürnberg.
Since 9/2025	**Promotor** (2nd) of PhD student (sandwich project with Université Paris Cité) Caihong Weng together with Prof. Chittoran (Université Paris Cité) and Dr. Alexander Martin, University of Groningen.
Since 12/2025	**Promotor** (1st) of IDEALAB PhD student Vivienne Stolze, together with Dr. Teja Rebernik (Vrije Universiteit Brussel), Dr. Mike Proctor (Macquarie University), and Prof. Roel Jonkers.
From 9/2026	**Promotor** (1st) of PhD student Jordi Jager, together with Dr. Aurélie Joubert, Dr. Dr. Mirjam Günther-van der Meij (NHL Stenden), and Prof. Marije Michel.
From 9/2026	**Promotor** (1st) of PhD student Sina Rashidi, together with Prof. Malvina Nissim and Dr. Verena Blaschke.
From 9/2026	**Promotor** (1st) of PhD student Tido Specht, together with Prof. Malvina Nissim and Dr. Verena Blaschke.

Other research supervision

Sept. 2026 -	**Supervisor** of post-doc Dr. Verena Blaschke, University of Groningen.
Sept. 2024 -	**Supervisor** of post-doc Dr. Wietse de Vries, University of Groningen.
Sept. 2013 -	**(Co-)supervisor of several bachelor and master students**. I have (co-) supervised the thesis of over a dozen (research) master students in fields ranging from computational linguistics and dialectometry to clinical linguistics.
2017 – 2019	**Supervisor** of post-doc Dr. Aki Kunikoshi, University of Groningen.
2014 – 2017	**Scientific supervisor** of clinical psychologist in training, Ellen Jas (research report grade 8.5/10, this project also resulted in a collaborative publication).

International collaboration (selection)

Since 2018	Research collaboration with **Dr. Aude Noiray**, University Grenoble Alpes.
Since 2017	Research collaboration with **Dr. Stefanie Keulen**, Vrije Universiteit Brussel.
Since 2016	Research collaboration (articulography) with **Dr. Mark Tiede**, Yale University.
Since 2011	Research collaboration (Tuscan dialectology) with **Dr. Simonetta Montemagni**, Istituto di Linguistica Computatazionale, CNR, Pisa, Italy.

Conference / summer school organization

2022	**Co-organizer** of Summer School on complexity in speech, July 2022 (40 participants).
2021	**Co-organizer** of *Taal & Tongval 2021*, November 2021 (virtual; about 50 participants).
2020	**Scientific committee member** of ISSP2020, December 2020 (virtual; about 200 participants).
2018	**Co-organizer** of *Computational Linguistics in the Netherlands 29* (Groningen: January, 2019; about 200 participants).

2018 **Staff supervisor** of the 40*th* *TABU Dag* international linguistics conference (Groningen: June, 2019, about 130 participants).
2018 **Staff supervisor** of the *39th TABU Dag* international linguistics conference (Groningen: June 14 and 15, 2018, about 130 participants).
2017 **Staff supervisor** of the *38th TABU Dag* international linguistics conference (Groningen: June 22 and 23, 2017; about 150 participants).
2017 **Co-organizer** of the *International Workshop on Statistical Modeling* (Groningen: July 3-7, 2017; about 150 participants).
2014 **Member of the local committee** assisting in the organization of the *Methods in Dialectology XV* conference (Groningen: August 11-15, 2014; about 200 participants).
2012 **Co-organizer** of the *Generalized Additive Modeling – Mixed-Effects Regression (GAM-MER) Workshop* (Tübingen: November 12 and 13, 2012; about 40 participants).
2012 **Co-organizer** of the *Workshop on Quantitative Linguistics and Dialectology* (Groningen: June 29, 2012; about 30 participants).
2010 **Co-organizer** of the workshop *Bloomsday 2010: Echoes of Albion* about English-American speech relationships (Groningen: June 16, 2010; about 30 participants).
2009 **Co-organizer** of the *30th TABU Dag* international linguistics conference (Groningen: June 11 and 12, 2009; about 175 participants).

Commissions of trust and coordination

Since 2025 **Member of the jury of the KNAW Early Career Award** (Humanities).
Since 2024 **Member of the board (finances) of Edu. Cluster 3**, ~60 fte of staff, Fac. of Arts.
Since 2018 **Member of the board of *Stichting Nederlandse Dialecten*** (since 2021: treasurer).
Since 2017 **Member of the international steering committee of the *Methods in Dialectology* conference series** (the 2024 conference was held in Melbourne, Australia).
2022 **Member of the Selection Committee** of the Young Academy Groningen.
2022 – 2023 **Chair of ET3 and member of the Board of Examiners** of the Faculty of Arts.
2021 – 2022 **Member of the KNAW public engagement advisory council** "Gewaardeerd!"
2020 – 2021 **Member of the board of the Young Academy Groningen**, UG.
2018 – 2020 **Vice-chairman of *De Jonge Akademie***, Royal Netherlands Academy of Arts and Sciences (KNAW).
2017 – 2019 **Initiator, chair and member of the Young ARts Network**, UG.
2017 – 2018 **Member of the Board of Examiners CIW**, UG.
2017 – 2018 **Member of the Binding Study Advice Committee**, Faculty of Arts, UG.
2016 – 2018 **Chair of the science policy committee** of the *De Jonge Akademie*, KNAW.
2016 – 2018 **Member of the CLCG Linguistics Lunches committee**, Faculty of Arts, UG.
2015 – 2018 **Member of the Research Data Committee** of the Faculty of Arts, UG.
2015 – 2017 **Member of the grant decision committee** of *De Jonge Akademie*, KNAW.
2015 – 2016 **Member of the selection committee for the Young Academy Groningen**, UG.
2011 **Member of the selection committee** for three PhD positions at the CLCG, UG.
2010 – 2011 **Member of the CLCG colloquium organization committee**, UG.
2008 – 2012 **Member of the editorial advisory board** of the university newspaper (UK), UG.
2005 – 2012 **Initiator and Coordinator** of the *'Examentraining VWO'* of the *UG/Progress Onderwijsondersteuning*. Since 2010, the project had a yearly budget of about € 200,000 with a yearly profit of approximately € 60,000. I was responsible for the management of the entire project (e.g., hiring teachers, PR, etc.).
2003 – 2004 **Student member of the University Council**, UG.
2002 – 2007 **Member of several UG committees**, such as the UG ICT Strategy committee.

Scientific editorial work

Since 2021 **Member of the editorial board** of *Taal en Tongval* (OA)
Since 2019 **Co-editor-in-chief** *Language Variation* series of *Language Science Press* (OA)
2018 – 2021 **Member of the editorial board** of *PLOS ONE* (OA)

Scientific reviewer (selection)

- Member of the *Fonds Wetenschappelijk Onderzoek – Vlaanderen* expert panel Linguistics (2018 – 2024).
- Panel member of the Veni Committee Linguistics, NWO (round 2018).
- Ext. member supervisory committee of Stefano De Pascale, KU Leuven (2017-2019).
- Reviewer for the *Fonds Wetenschappelijk Onderzoek – Vlaanderen* (2018).
- Reviewer for the *Social Sciences and Humanities Research Council of Canada* (2018).
- Referee for the *Netherlands Institute for Advanced Study* (since 2017).
- International panel member of one of 11 Multidisciplinary Assessment Committee (MAC) of the *Canada Foundation for Innovation* (550 million CAD$; 2017, invited in 2019 and 2025).
- Reviewer for the European Research Council (ERC Starting Grant, 2016).
- Member of the dissertation reading committee for various PhD students at UG (e.g., dr. Dorothée Hoppe).
- Member of the dissertation reading committee of dr. Junru Wu (Leiden, promotores: Prof. Niels Schiller and Prof. Vincent van Heuven, co-promotor: Dr. Yiya Chen; promotion: 2015).
- Reviewer for the German Research Foundation (DFG; 2014 and 2015).
- International member of the Linguistics review panel, Hungarian Scientific Research Fund (2014, invited in 2015).
- Reviewer for the Hungarian Scientific Research Fund (2012 and 2013).
- Ad-hoc reviewer for various journals, including: *Cognitive Linguistics, IEEE Transactions on Education, Journal of Phonetics, Journal of the Acoustical Society of America, Language, Language Variation and Change, Language Dynamics and Change, LLC/Literary and Linguistic Computing, Molecular Autism, PLOS ONE, Psychophysiology* and *PNAS*.

Teaching

Since Feb. 2016	**Statistiek I**, BA level, about 75-150 students per year.
2018 – 2023	**Methodology and Statistics for Linguistic Research**, Research Master level, about 5-15 students per year.
2017 – 2022	**BCN Advanced (non)linear regression techniques in R**, PhD level, about 25-50 students per year.
2016 – 2022	**BCN Statistics Course**, PhD level, about 25-50 students per year.
2013 – 2017	**Supervision of PhD and Master students** in individual sessions about how to conduct an appropriate statistical analysis of their data.

Teaching innovation

Jan. – June 2021	**Initiator, coordinator and evaluator** of a gather.town pilot (with ESI, k€ 70)
Mar. – April 2020	**Initiator, coordinator and evaluator** of an online proctoring pilot (with ESI)

Publications (142; first author: 38; last author: 49; submitted: 1)

(i) Peer-reviewed publications in scientific journals (73; first author: 18; last author: 22; submitted: 1)

1. Amooie, R., Hao, Y., de Vries, W., Dijkstra, J., Coler, M., & Wieling, M. (**submitted**, 2026). Does dual-path feature extraction transfer from acoustic to linguistic mismatch? A case study on Frisian Automatic Speech Recognition.
2. Buurke, R., Heeringa, W., Knooihuizen, R., & Wieling, M. (2026, forthcoming). Recent changes in pronunciation patterns within and between Frisian, Town Frisian, and Low Saxon varieties. *Journal of Linguistic Geography*.
3. Polsterer, K., Hoekzema, N., Tienkamp, T., Rebernik, T., Sekeres, H., Amooie, R., Buurke, R., de Vries, W., Tsiwah, F., Wieling, M., & Abur, D. (2026). Auditory acuity to vowels is more refined in adulthood compared to childhood. *JASA Express Letters*, 6(5), 055201.
4. Rebernik, T., Chaboksavar, S., Hoekzema, N., Ciot, V., Polsterer, K., Gleichmann, A., Jonkers,

R., Noiray, A., Abur, D., & Wieling, M. (2026). Kinematic and Acoustic Responses to Predictable and Unexpected Auditory Feedback Perturbations in Speakers with and without Parkinson's disease. *Journal of Speech, Language, and Hearing Research*, 69(4), 1469-1489.

5. Rebernik, T., Jacobi, J., Tiede, M., & Wieling, M. (2026). Using electromagnetic articulography to investigate tongue, lip and jaw tremor associated with Parkinson's disease. *Clinical Linguistics & Phonetics*, 2(154-173), https://doi.org/10.1080/02699206.2025.2501072.
6. van den Berg, F., Buurke, R., Brouwer, J., Loerts, H., Knooihuizen, R., Bartelds, M., Wieling, M., & Keijzer, M. (2025). Bilingual engagement and cognition across the adult lifespan: Insights from regional minority language speakers in the north of the Netherlands. *Bilingualism: Language and Cognition*, doi:10.1017/S136672892510062X.
7. Mohammadi, M., Wieling, M., & Vols, M. (2025). An interpretable approach to detect case law on housing and eviction issues within the HUDOC database. *Artificial Intelligence and Law*, https://doi.org/10.1007/s10506-025-09439-9.
8. Mohammadi, M., Bruijn, M., Wieling, M., & Vols, M. (2025). Combining topic modelling and citation network analysis to study case law from the European Court on Human Rights on the right to respect for private and family life. *Artificial Intelligence and Law*, https://doi.org/10.1007/s10506-025-09471-9.
9. Tienkamp, T., Rebernik, T., Halpern, B., van Son, R., Wieling, M., Witjes, M., de Visscher, S., & Abur, D. (2025). Associations between acoustic, kinematic, self-reported and perceptual measures of speech in individuals surgically treated for oral cancer. *Journal of Speech, Language, and Hearing Research*, 68(7), 3069-3089.
10. Schepers, I., Bruijn, M., Wieling, M., & Vols, M. (2025). The price of automated case law annotation: comparing the cost and performance of GPT-4o and student annotators. *Artificial Intelligence and Law*, https://doi.org/10.1007/s10506-025-09495-1.
11. Rebernik, T., Jacobi, J., Buurke, R., Tienkamp, T., Abur, D., & Wieling, M. (2025). SPRAAKLAB - Mobile laboratory for speech recorded acoustically and kinematically. *Behavior Research Methods*, 57(205).
12. Buurke, R., Bartelds, M., Heeringa, W., Knooihuizen, R., & Wieling, M. (2024). Intergenerational language transmission of Frisian and Low Saxon in the Netherlands. *Journal of Language and Social Psychology*, 43(5-6), https://doi.org/10.1177/0261927X241287.
13. Brouwer, J., Buurke, R., van den Berg, F., Knooihuizen, R., Loerts, H., Bartelds, M., Wieling, M., & Keijzer, M. (2024). Minority language happiness: the link between social inclusion, well-being, and speaking a regional language in the northern Netherlands. *Ampersand*, 12, 100173.
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(ii) Peer-reviewed publications in edited books (12; first author: 4; last author: 5)

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12. Heeringa, W., Wieling, M., van den Berg, B., & Nerbonne, J. (2009). A quantitative examination of variation in Dutch Low Saxon morphology. In: Alexandra Lenz, Charlotte Gooskens, & Siemon Reker (eds.) *Low Saxon Dialects across Borders - Niedersächsische Dialekte über Grenzen hinweg*. Stuttgart: Franz Steiner Verlag (ZDL-Beiheft 138), pp. 195 - 216.

(iii) Peer-reviewed publications in conference proceedings (full papers) (54; first author: 14; last author: 21)

1. Hao, Y., Amooie, R., de Vries, W., van Noord, R., & Wieling, M. (2026, forthcoming). How do LLMs correct errors in low-resource ASR? A systematic analysis and human comparison in West Frisian. Findings of EACL 2026.
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12. Sekeres, H., Heeringa, W., de Vries, W., Zwagers, O., Wieling, M., & Jensma, G. (2024). Developing infrastructure for low-resource language corpus building. In: Maite Melero, Sakriani Sakti, & Claudia Soria (eds.) Proceedings of the 3rd Annual Meeting of the Special Interest Group on Under-resourced Languages at LREC-COLING 2024, ELRA and ICCL, pp. 72-78.
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26. Wieling, M., Tiede, M., Rebernik, T., de Jong, L., Braggaar, A., Bartelds, M., Medvedeva, M., Heisterkamp, P., Freire Offrede, T., Sekeres, H., Pot, A., van der Ploeg, M., Volkers, K., & Mills, G. (2020). A novel paradigm to investigate phonetic convergence in interaction. Proceedings of the 12th International Seminar on Speech Production, pp. 1 - 4.
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approaches in electromagnetic articulography. Proceedings of the 12th International Seminar on Speech Production, pp. 5 - 8.
33. Jacobi, J., Rebernik, T., Jonkers, R., Maassen, B., Proctor, M., & Wieling, M. (2020). Characterizing tongue tremor in Parkinson's disease using EMA. Proceedings of the 12th International Seminar on Speech Production, pp. 80 - 83.
34. Wieling, M., Blankevoort, C., Hukker, V., Jacobi, J., de Jong, L., Keulen, S., Medvedeva, M., van der Ploeg, M., Pot, A., Rebernik, T., Veenstra, P., & Noiray, A. (2019). The influence of alcohol on L1 vs. L2 pronunciation. Proceedings of ICPhS 2019, pp. 3622 - 3626.
35. Jacobi, J., Rebernik, T., Jonkers, R., Maassen, B., Proctor, M., & Wieling, M. (2019). The effect of Levodopa on articulation in Parkinson's disease: A cross-linguistic study. Proceedings of ICPhS 2019, pp. 1069 - 1073.
36. Cimino, A., Wieling, M., Dell'Orletta, F., Montemagni, S., & Venturi, G. (2017). Identifying predictive features for textual genre classification: the key role of syntactic features. Proceedings of the Fourth Italian Conference on Computational Linguistics, Paper 39.
37. Sivaraman, G., Espy-Wilson, C., & Wieling, M. (2017). Analysis of acoustic-to-articulatory speech inversion across different accents and languages. Proceedings of Interspeech 2017, pp. 974 - 978.
38. Kulmizev, A., Blankers, B., Bjerva, J., Nissim, M., van Noord, G., Plank, B., & Wieling, M. (2017). The power of character n-grams in native language identification. Proceedings of the 12th Workshop on Innovative Use of NLP for Building Educational Applications, pp. 382 - 389.
39. Wieling, M., Veenstra, P., Adank, P., & Tiede, M. (2017). Articulatory differences between L1 and L2 speakers of English. Proceedings of the 11th International Seminar on Speech Production, Paper 1.
40. James, K., & Wieling, M. (2016). Read my points: effect of animation type when speech-reading from EMA data. Proceedings of the 14th SIGMORPHON Workshop on Computational Research in Phonetics, Phonology, and Morphology, pp. 87 - 92.
41. Wieling, M., Sassolini, E., Cucurullo, N., & Montemagni, S. (2016). ALT Explored: integrating an online dialectometric tool and an online dialect atlas. Proceedings of LREC 2016, pp. 3265 - 3272.
42. Wieling, M., Tomaschek, F., Arnold, D., Tiede, M., & Baayen, R. H. (2015). Investigating dialectal differences using articulography. Proceedings of ICPhS 2015, Paper 231.
43. Wieling, M., Bloem, J., Baayen, R. H., & Nerbonne, J. (2015). Determinants of English accents. Proceedings of the 6th Conference on Quantitative Investigations in Theoretical Linguistics, doi: 10.15496/publikation-8628.
44. Wieling, M., Veenstra, P., Adank, P., Weber, A., & Tiede, M. (2015). Comparing L1 and L2 speakers using articulography. Proceedings of ICPhS 2015, Paper 551.
45. Dell'Orletta, F., Wieling, M., Cimino, A., Venturi, G., & Montemagni, S. (2014). Assessing the readability of sentences: which corpora and features?. Proceedings of the 9th Workshop on Innovative Use of NLP for Building Educational Applications, pp. 163 - 173.
46. Tomaschek, F., Tucker, B. V., Wieling, M., & Baayen, R. H. (2014). Vowel articulation affected by word frequency. Proceedings of the 10th International Seminar on Speech Production, pp. 429 - 432.
47. Tomaschek, F., Wieling, M., Arnold, D., & Baayen, R. H. (2013). Word frequency, vowel length and vowel quality in speech production: an EMA study of the importance of experience. Proceedings of Interspeech 2013, pp. 1302 - 1306.
48. Wieling, M., & Nerbonne, J. (2010). Hierarchical spectral partitioning of bipartite graphs to cluster dialects and identify distinguishing features. Proceedings of the 2010 Workshop on Graph-based Methods for Natural Language Processing, pp. 33 - 41.
49. Prokić, J., Wieling, M., & Nerbonne, J. (2009). Multiple sequence alignments in linguistics. Proceedings of the EACL 2009 Workshop on Language Technology and Resources for Cultural

Heritage, Social Sciences, Humanities, and Education, pp. 18 - 25.
50. Wieling, M., Prokić, J., & Nerbonne, J. (2009). Evaluating the pairwise string alignment of pronunciations. Proceedings of the EACL 2009 Workshop on Language Technology and Resources for Cultural Heritage, Social Sciences, Humanities, and Education, pp. 26 - 34.
51. Wieling, M., & Nerbonne, J. (2009). Bipartite spectral graph partitioning to co-cluster varieties and sound correspondences in dialectology. Proceedings of the 2009 Workshop on Graph-based Methods for Natural Language Processing, pp. 14 - 22.
52. Wieling, M., & Nerbonne, J. (2007). Dialect pronunciation comparison and spoken word recognition. Proceedings of the RANLP 2007 Workshop on Computational Phonology, pp. 71 - 78.
53. Wieling, M., Leinonen, T., & Nerbonne, J. (2007). Inducing Sound Segment Differences using Pair Hidden Markov Models. Proceedings of Ninth Meeting of the ACL Special Interest Group in Computational Morphology and Phonology, pp. 48 - 56.
54. Wieling, M., Nederhof, M., & van Noord, G. (2006). Parsing partially bracketed input. Proceedings of the Sixteenth Computational Linguistics in the Netherlands, pp. 1 - 16.

(iv) Books (2; first author: 2; last author: 1)

1. Wieling, M., Kroon, M., van Noord, G., & Bouma, G. (eds.) (2017). *From Semantics to Dialectometry. Festschrift in Honor of John Nerbonne.* Tributes 32, College Publications. 418 pp.
2. Wieling, M. (2012). *A Quantitative Approach to Social and Geographical Dialect Variation.* PhD thesis, University of Groningen. 178 pp.

(v) R package (1)

1. van Rij, J., Wieling, M., Baayen, R. H., & van Rij, H. (2020). itsadug: Interpreting Time Series and Autocorrelated Data Using GAMMs. Version 2.4.

Presentations (108)

(i) Invited presentations and courses (44)

1. *Popularization pays From outreach at festivals via a mobile laboratory to a multimillion euro regional language grant* (presentation). Dag van de Fonetiek 2026, Amsterdam, November 6, 2026.
2. *Popularization pays: From outreach at festivals via a mobile laboratory to a multimillion euro regional language grant* (presentation). Inaugural lecture for the Lonnoy Chair, Brussels, Belgium, October 23, 2025.
3. *Generalized additive modeling for Linguistics* (course). CCP Spring Training in Experimental Psycholinguistics, Edmonton, Canada, May 29 - 31, 2025.
4. *How popularization and quantification may benefit language variation research(ers)* (presentation). 12th International Conference on Language Variation in Europe (ICLaVE), Vienna, Austria, July 8 - 11, 2024.
5. *Public engagement in speech research: Some examples and (potential) benefits* (presentation). Summer School on Coping with the complexity in speech production and perception, Chorin, Germany, July 8, 2022.
6. *Approaches to investigating language variation and supporting minority languages* (presentation). University of Helsinki, (online), April 15, 2021.
7. *GAM consultation* (course). Walter Reed National Military Medical Center (Stephanie

Kuchinsky), (online), March 21 - June 2, 2021.
8. *GAM Workshop* (course). Universität Zürich, (online), December 7, 2020.
9. *Generalized additive modeling* (course). University of Salzburg, Salzburg, Austria, November 21 - 22, 2019.
10. *The beauty of dialect variation* (presentation). Festival della Scienza, Genua, Italy, October 27, 2019.
11. *Investigating pronunciation variation from an aggregate perspective: from dialectometry to articulography (keynote)* (presentation). Conference on Experimental Approaches to Perception and Production of Language Variation (ExAPP), Münster, Germany, September 26 - 28, 2019.
12. *Dialectometry: modeling the influence of geography in dialect variation* (presentation). University of Oldenburg, Oldenburg, Germany, July 4, 2019.
13. *Dialectometry* (course). University of Malta, Malta, June 27 - 28, 2019.
14. *Generalized aditive modeling to analyze time series* (presentation). Vrije Universiteit Brussel, Brussel, Belgium, October 2, 2018.
15. *Dialectometry* (course). Linguistic Convergence Laboratory, Higher School of Economics, Moscow, Russia, September 10 - 14, 2018.
16. *Generalized additive modeling for phonetics* (course). Humboldt-Universität zu Berlin, Institut für deutsche Sprache und Linguistik, Berlin, Germany, August 30 - 31, 2018.
17. *(Mixed-effects) regression and generalized additive modeling* (course). Universität Stuttgart, Stuttgart, Germany, May 3 - 4, 2018.
18. *Statistics for Linguistics* (course). LOT Winter School, Amsterdam, January 8 - 12, 2018.
19. *Generalized additive modeling* (presentation). Institut für Phonetik und Sprachverarbeitung, Ludwig-Maximilians-Universität München, Munich, Germany, December 20, 2017.
20. *Generalized additive modeling* (presentation). Winter School on Multilingualism, Groningen, November 9 - 10, 2017.
21. *Quantitative analyses of dialect variation* (presentation). Meertens Instituut, Amsterdam, October 24, 2017.
22. *Discovering articulatory patterns using generalized additive modeling* (presentation). Dynamic Modeling III workshop, Cologne, Germany, July 18 - 19, 2017.
23. *Generalized additive modeling as a useful tool for dialectometry* (presentation). Sociolectometry Panel, ICLaVE, Málaga, Spain, June 6 - 9, 2017.
24. *Statistics for linguists in R* (course). Istituto di Linguistica Computazionale, Consiglio Nazionale delle Ricerche, Pisa, Italy, May 2 - 5, 2017.
25. *Mixed-effects regression and generalized additive modeling* (course). Centre de Recherche Cerveau & Cognition, Toulouse, France, March 30 - 31, 2017.
26. *Using generalized additive modeling for analyzing articulography data (and other time series data)* (presentation). 5th International Winterschool "Speech Perception and Production", Chorin, Germany, January 9 - 13, 2017.
27. *Modeling the influence of geography in dialect variation* (presentation). FLAMES-colloquium "Topics for Spatial Statistics", Leuven, Belgium, November 28, 2016.
28. *Investigating language variation quantitatively* (presentation). EuroScience Open Forum 2016, Manchester, United Kingdom, July 23 - 27, 2016.
29. *Pronunciation variation on the tip of the tongue* (presentation). BCN Winter meeting, Groningen, February 11, 2016.
30. *Investigating language variation using articulography* (presentation). Netherlands Cancer Institute, Amsterdam, October 13, 2015.
31. *Generalized additive modeling* (course). McGill, Neurocognition of Language Lab, Montréal, Canada, March 20 - 22, 2015.
32. *Mixed-effects regression and generalized additive modeling for linguists* (course). Universität Tübingen, Englisches Seminar, Tübingen, Germany, February 9 - 10, 2015.

33. *Mixed-effects regression and generalized additive modeling for linguists* (course). Universität Oldenburg, Institut für Niederlandistik, Oldenburg, Germany, February 2 - 3, 2015.
34. *Mixed-effects regression and generalized additive modeling for linguists* (course). University of Cambridge, Department of Theoretical and Applied Linguistics, Cambridge, United Kingdom, January 13 - 14, 2015.
35. *Methods in Dialectometry* (presentation). Ghent University, Department of Linguistics, Ghent, Belgum, October 16, 2014.
36. *Comparing pronunciations on the basis of transcriptions and articulography* (presentation). Radboud University, Centre for Language Studies, Nijmegen, October 15, 2014.
37. *What the tongue can tell us about dialects?* (presentation). Frontiers of Language Variation Workshop, Methods in Dialectology XV, Groningen, August 11 - 14, 2014.
38. *Generalized additive modeling for linguists* (course). University Leiden, Center of Linguistics, Leiden, July 10 - 11, 2014.
39. *Mixed-effects regression and generalized additive modeling for linguists* (course). Universität Oldenburg, Institut für Niederlandistik, Oldenburg, Germany, June 30 - July 1, 2014.
40. *Introduction to mixed-effects regression for (psycho)linguists* (presentation). IMS Stuttgart, Stuttgart, Germany, December 16, 2013.
41. *Integrating traditional dialectology and sociolinguistics: generalized additive modeling* (presentation). New Ways of Analyzing Variation (NWAV) 42, Pittsburgh, USA, October 17 - 20, 2013 [with R. Harald Baayen].
42. *Inducing and using phonetic similarity* (presentation). Language Diversity Conference, Groningen, July 20, 2013 [with John Nerbonne].
43. *A sociolinguistic analysis of linguistically sensitive dialectal word pronunciation distances* (presentation). Workshop on Computational Approaches to the Study of Dialectal and Typological Variation, ESSLLI 2012, Opole, Poland, August 6 - 10, 2012.
44. *Mixed-effects regression analyses of eyetracking data* (presentation). Eye-tracking and EEG workshop, Groningen, July 7, 2011.

(ii) Presentations at conferences, guest lectures and courses (64)

1. *Attitudes and motivations of learners participating in an online minoritised language course* (presentation). 19th Methods in Dialectology and Language Diversity International Conference, Vancouver, Canada, August 4 - 8, 2026.
2. *Pausing in speech: An acoustic and kinematic speech breathing analysis across age* (presentation). Hanyang International Symposium on Phonetics and Cognitive Sciences of Language 2026, Seoul, South Korea, May 22 - 23, 2026.
3. *SPRAAKLAB: a mobile laboratory benefitting dialect data collection* (presentation). Methods in Dialectology XVIII, Melbourne, Australia, July 1 - 4, 2024.
4. *SPRAAKLAB: a mobile laboratory for collecting speech production data* (presentation). 20th International Congress of Phonetic Sciences, Prague, Czech Republic, August 7 - 11, 2023.
5. *Van Old noar Jong: an app en teaching programme to teach children about the regional language* (presentation). Oldenburg-Groningen scientific exchange, Oldenburg, June 16, 2022.
6. *A novel paradigm to investigate phonetic convergence in interaction* (poster presentation). 12th International Seminar on Speech Production, online, December 18, 2020.
7. *The influence of alcohol on L1 vs. L2 pronunciation* (poster presentation). 19th International Congress of Phonetic Sciences, Melbourne, Australia, August 5 - 9, 2019.
8. *The beauty of language variation* (presentation). AGM Global Young Academy, Halle, Germany, May 2, 2019.
9. *Generalized additive modeling* (guest lecture). University of Auckland, Auckland, New Zealand, December 12, 2018.

10. *Tutorial on generalized additive modelling to analyze time-series data* (course). 17th Speech Science and Technology Conference, Coogee, Australia, December 4, 2018.
11. *Generalized additive modeling* (guest lecture). Centre for Language Sciences, Macquarie University, Sydney, Australia, December 3, 2018.
12. *Generalized additive modeling to analyze articulatory data* (guest lecture). Department of Information and Communication Engineering, University of Tokyo, Tokyo, Japan, November 5, 2018.
13. *Introductory course on Advanced Regression Methods for Linguistics* (course). ESSLLI 2018, Sofia, Bulgaria, August 6 - 10, 2018.
14. *Articulatory differences between L1 and L2 speakers of English* (presentation). Conference on Multilingualism, Groningen, November 6 - 9, 2017.
15. *Articulatory differences between L1 and L2 speakers of English* (presentation). 11th International Seminar on Speech Production, Tianjin, China, October 16 - 19, 2017.
16. *Dialect-specific articulatory settings* (presentation). Methods in Dialectology XVI, Tokyo, Japan, August 7 - 11, 2017.
17. *Articulatory differences between L1 and L2 speakers of English* (poster presentation). 7th International Conference on Speech Motor Control, Groningen, July 5 - 8, 2017.
18. *Determinants of English Accents* (presentation). 6th Conference on Quantitative Investigations in Theoretical Linguistics, Tübingen, Germany, November 4 - 6, 2015.
19. *Taalvariatie: patronen in uitspraak en tongbewegingen* (guest lecture). De Jonge Akademie meeting, Groningen, September 21, 2015.
20. *Investigating dialectal differences using articulography* (poster presentation). 18th International Congress of Phonetic Sciences, Glasgow, United Kingdom, August 10 - 14, 2015.
21. *Analyzing time series data using generalized additive modeling* (course). LSA Institute, Chicago, USA, July 6 - 17, 2015 [with Jacolien van Rij].
22. *Measuring foreign accent strength* (guest lecture). University of Cambridge, Department of Theoretical and Applied Linguistics, Cambridge, United Kingdom, January 13, 2015.
23. *Patterns of language variation* (guest lecture). Digital Humanities Day 2014, Groningen, October 31, 2014.
24. *Gabmap tutorial* (guest lecture). Ghent University, Department of Linguistics, Ghent, Belgium, October 15, 2014.
25. *Comparing dialect and accented pronunciations on the basis of transcriptions and articulography* (guest lecture). McGill, Center of Research on Brain, Language and Music, Montréal, Canada, September 18, 2014.
26. *Analyzing linguistic time-series data with generalized additive modeling in R: a case study using ERP data* (guest lecture). McGill, Motor Control Laboratory, Montréal, Canada, September 17, 2014.
27. *Comparing dialect and accented pronunciations on the basis of transcriptions and articulography* (guest lecture). Linguistic Data Consortium, Philadelphia, USA, September 12, 2014.
28. *Generalized additive models in R* (guest lecture). Haskins Laboratories, New Haven, USA, September 9, 2014.
29. *Validating and using the PMI-based Levenshtein distance as a measure of foreign accent strength* (poster presentation). Methods in Dialectology XV, Groningen, August 11 - 15, 2014 [**best poster award**].
30. *Accessing large dialect databases on RADAR* (presentation). Methods in Dialectology XV, Groningen, August 11 - 14, 2014 [with Clive Upton].
31. *Large-scale analysis of articulatory trajectories using generalized additive modeling* (poster presentation). 10th International Seminar on Speech Production, Cologne, Germany, May 5 - 8, 2014.

32. *Comparing pronunciations on the basis of transcriptions and articulography* (guest lecture). University College London, Department of Speech Hearing and Phonetic Sciences, London, United Kingdom, April 8, 2014.
33. *Articulography for studying language variation* (guest lecture). Haskins Laboratories, New Haven, USA, October 24, 2013.
34. *Articulography for studying language variation* (guest lecture). City University New York, Speech Production, Acoustics and Perception Laboratory, New York, USA, October 16, 2013.
35. *A cognitively grounded measure of pronunciation distance* (presentation). Donders Workshop, Radboud University, Nijmegen, September 23, 2013 - November 15, 2026.
36. *A cognitively grounded automatic measure of pronunciation distance* (presentation). 5th Conference on Quantitative Investigations in Theoretical Linguistics, Leuven, Belgium, September 12 - 14, 2013.
37. *Hierarchical spectral partitioning of bipartite graphs to cluster dialects and identify distinguishing features* (guest lecture). Istituto di Linguistica Computazionale, Consiglio Nazionale delle Ricerche, Pisa, Italy, July 17, 2013.
38. *Comparing pronunciation on the basis of transcriptions and articulography* (guest lecture). Università di Pisa, Dipartimento di Filologia, Letteratura e Linguistica, Pisa, Italy, July 16, 2013.
39. *Mixed-effects regression and generalized additive modeling in linguistics* (course). LOT Summer School, Groningen, June 24 - 28, 2013 [with Jacolien van Rij].
40. *Co-clustering varieties and linguistic features using bipartite spectral graph partitioning* (poster presentation). Forum Sprachvariation, Erlangen, Germany, October 14 - 15, 2012.
41. *Lexical differences between Tuscan dialects and standard Italian: a sociolinguistic analysis using generalized additive mixed modeling* (presentation). Leuven Statistics Days, Leuven, Belgium, June 7 - 8, 2012.
42. *A quantitative investigation of English accents* (poster presentation). BCN New Year's Meeting, Groningen, February 2, 2012 [**best poster award**].
43. *Segment distances and foreign accents* (guest lecture). LOT Winter School, Tilburg, January 12, 2012.
44. *Gabmap tutorial* (guest lecture). Göteborgs Universitet, Gothenburg, Sweden, October 26, 2011 [with John Nerbonne and Therese Leinonen].
45. *Inducing a measure of phonetic similarity from dialect variation* (presentation). Workshop on Comparing Approaches to Measuring Linguistic Differences, Gothenburg, Sweden, October 24 - 25, 2011.
46. *A sociolinguistic analysis of aggregate dialect distances* (presentation). Methods in Dialectology XIV, London (ON), Canada, August 1 - 5, 2011.
47. *A sociolinguistic analysis of dialect distances* (poster presentation). BCN New Year's Meeting, Groningen, February 17, 2011.
48. *On the sublinear distribution of linguistic variation with respect to geography* (presentation). Forum Sprachvariation, Erlangen, Germany, October 14 - 15, 2010.
49. *Dialectometry and hierarchical bipartite spectral graph partitioning* (guest lecture). Makerere University, Department of Machine Learning, Kampala, Uganda, September 23, 2010.
50. *Text Manipulation and Hidden Markov Models* (course). Makerere University, College of Computing and Information Sciences, Kampala, Uganda, September 20 - 22, 2010.
51. *Modelling geography's influence on language variation: calibrating linguistic measurements* (presentation). Cultural Evolution in Spatially Structured Populations Conference, London, United Kingdom, September 13 - 15, 2010.
52. *Dialectometry in Groningen* (guest lecture). University of Alberta, Department of Linguistics, Edmonton, Canada, August 11, 2010.
53. *Hierarchical bipartite spectral graph partitioning to cluster dialect varieties and determine*

their most important linguistic features (presentation). TextGraphs-5 ACL Workshop, Uppsala, Sweden, July 16, 2010.

54. *A graph-theoretic analysis of English dialects* (presentation). Bloomsday 2010: Echoes of Albion Workshop, Groningen, June 16, 2010.
55. *On the sublinear distribution of linguistic variation with respect to geography* (presentation). 31st TABU Dag, Groningen, June 3 - 4, 2010.
56. *Co-clustering varieties and linguistic features using bipartite spectral graph partitioning* (presentation). Computational Linguistics in The Netherlands 20, Utrecht, February 5, 2010 - November 15, 2026.
57. *Understanding Séguy's law: on the sublinear distribution of linguistic variation with respect to geography* (presentation). Past and Present Processes of Dialect Convergence: Data and Methods, Amsterdam, February 4, 2010 [with John Nerbonne].
58. *Bipartite spectral graph partitioning to co-cluster varieties and sound correspondences in dialectology* (presentation). TextGraphs-4 ACL Workshop, Singapore, August 7, 2009.
59. *Tools for detecting geographical and structural affinities* (presentation). Workshop on Small Tools for Cross-Linguistic Research, Utrecht, June 15 - 16, 2009.
60. *Evaluating the pairwise string alignment of pronunciation* (presentation). EACL Workshop on Language Technology and Resources for Cultural Heritage, Social Sciences, Humanities, and Education, Athens, Greece, March 30, 2009.
61. *Evaluation of pairwise string alignment methods* (presentation). Computational Linguistics in the Netherlands 19, Groningen, January 22, 2009.
62. *Dialect pronunciation comparison using the Goeman-Taeldeman-Van Reenen-project data* (presentation). Computational Linguistics in the Netherlands 17, Leuven, Belgium, January 12, 2007.
63. *Parsing partially bracketed input* (presentation). Computational Linguistics in the Netherlands 16, Amsterdam, December 16, 2005.
64. *Gabor filtering augmented with surround inhibition for improved contour detection by texture suppression* (poster presentation). 27th Annual Meeting of the European Conference on Visual Perception, Budapest, Hungary, August 22 - 26, 2004.

Outreach

(i) Popular science publications

- Moi! Welkom in Grunnen (2025), free massive open online course (MOOC) focusing on the regional language, University of Groningen. Available via https://www.groningsleren.nl.
- Raoul Buurke, Hedwig Sekeres, Lourens Visser and Martijn Wieling (2024). Streektaalstrijd: een strategisch kennisspel over taal en dialect, Dongen: Wink Games, Tweede druk. Website: https://www.streektaalstrijd.nl.
- Lespakket Van Old naor Jong: Achterhooks, lesson set, University of Groningen, 2022. Available via https://www.rug.nl/lespakketten.
- Dialect digitaal: nieuwe kansen voor streektaalgebruik en -onderzoek, inaugural lecture booklet, University of Groningen, 2022. Available at https://books.ugp.rug.nl/index.php/ugp/catalog/book/75.
- Lespakket Van Old noar Jongs, lesson set, University of Groningen, 2021. Available via https://www.rug.nl/lespakketten.
- "Wie zeggen het vaakst EUHM? Jongens of meisjes?", *Science box*, *Experiment Event*, De Jonge Akademie, 2018.
- Several contributions (with others), *Young Scientist Wetenschapskalender 2018*, New Scientist.
- Martin & Emma investigate the Dutch dialect landscape, comic, The Young Academy, 2017.

Available at http://www.martijnwieling.nl/comic.
- Martin & Emma onderzoeken het Nederlandse dialectlandschap, comic, De Jonge Akademie, 2017. Available at http://www.martijnwieling.nl/strip.
- "Gebruiken mensen hun ogen om te luisteren?", *Wetenschapskalender kids 2017*, New Scientist.
- Dialectometrische indeling van de Nederlandse dialecten (with Peter Kleiweg and John Nerbonne), Nicoline van der Sijs (ed.) *Dialectatlas van het Nederlands*, Prometheus Bert Bakker, Amsterdam, pp. 60-61, 2011.

(ii) Popular science presentations

- *SPRAAKLAB: een uniek mobiel laboratorium voor taalonderzoek en zichtbaarheid van de wetenschap* (invited), Opening House of Connections, Groningen, June 24, 2023.
- *Streektaalonderwijs en -onderzoek: Van Old noa/aor Jong* (invited), Studiedag Levende Talen Nedersaksisch, Mañana Mañana festival, Laren, June 9, 2023.
- *Van Old noar Jong: app en lesprogramma voor het Gronings* (invited), GRN Festival, Hoogezand, November 19, 2022.
- *Hoe talen geleidelijk kunnen veranderen, maar snel kunnen verdwijnen* (invited), Zwarte Cross, Lichtenvoorde, July 15, 2022.
- *Onderzoek doen naar dialectvariatie* (invited), Streekhistorisch Centrum Stadskanaal, Stadskanaal, May 15, 2022.
- *Panel member: Kunnen podcasts dialect in stand houden?* (invited), Podcastfestival Groningen, Groningen, September 18, 2020.
- *Van Old noar Jong* (invited), Dag van de Grunneger Toal, Groningen, March 16, 2019.
- *Taalvariatie en taalverandering in Nederland* (invited), CSG Guido de Brès, Amersfoort, March 10, 2017.
- *My career as a scientist* (invited), KEI to your future event, Groningen, August 16, 2016.
- *Taalvariatie en taalverandering in Nederland* (invited), Theatre festival Oerol, Terschelling, June 13, 2016.
- *Taalvariatie op de tong*, NWO Bessensap, Amsterdam, June 10, 2016.
- *Het verstrijken van de taal*, De Jonge Akademie interscience symposium "Tijd", Amsterdam, April 4, 2016 [with John Nerbonne].
- *Van dialecten tot accenten: variatie en verandering in uitspraak en tongbewegingen*, Nacht van de Kunst en Wetenschap (pop-up lecture), Groningen, June 6, 2015.
- *Talkshow guest* (invited), Stand van Stad, Groningen, September 28, 2014.

(iii) Media coverage (29 out of 175; see www.martijnwieling.nl/media)

1. Martijn (45) uit Groningen geeft het Gronings en Drents een digitale duw in de rug: 'Pien in de pokkel, straks weet iedereen wat het is' (newspaper), *Dagblad van het Noorden*, April 11, 2026.
2. Item about proaten.nl (TV), *RTL Editie NL*, March 30, 2026.
3. Stellingwervers, doneer jullie dialect: technologie moet de taal redden (TV), *Omrop FryslÂn*, March 26, 2026.
4. Nedersaksisch inspreken moet de streektaal verstaanbaar maken: 'Is een hele klus geweest' (TV), *RTV Drenthe*, March 26, 2026.
5. Interview about proaten.nl (radio), *NOS Radio 1*, March 24, 2026.
6. Hoe kunnen we de streektalen nog ietsje overeind houden? Met een bordspel, hopen ze in Groningen (newspaper), *De Volkskrant*, February 22, 2024.
7. Streektaalstrijd: Een spel om streektalen te laten voortbestaan (radio), *Radio 5*, February 21, 2024.
8. Zwarte Cross biedt cursus Achterhoeks: "Belangrijk om door te geven" (TV), *RTL Nieuws*, July

15, 2022.

9. Basisschoolleerlingen leren 'plat proaten' met Achterhoeks lespakket (Radio), *NPO Radio 1*, May 14, 2022.
10. Kinderen in Groningen leren wat 'kopstubber' en 'bozzem' zijn (TV), *NOS Jeugdjournaal*, October 28, 2021.
11. Rijksuniversiteit Groningen neemt rijdend laboratorium in gebruik voor taalkundig onderzoek (online), *Dagblad van het Noorden*, February 17, 2021.
12. Robot weet welke uitspraak het hof zal doen (newspaper), *NRC*, December 30, 2020.
13. Mis je sociaal contact tijdens je werk? Met dit virtuele 'game'-kantoor maakt thuiswerker Martijn Wieling zijn baan in coronatijd weer leuk (newspaper), *Dagblad van het Noorden*, November 17, 2020.
14. Biertje op? Schakel over naar een tweede taal! (online), *NewScientist*, September 21, 2020.
15. Lowlands is een prachtlab vol enthousiaste proefkonijnen (newspaper), *Trouw*, August 16, 2019.
16. Techreus stopt 30.000 euro in onderwijsproject Groningse taal (online), *NOS.nl*, July 22, 2019.
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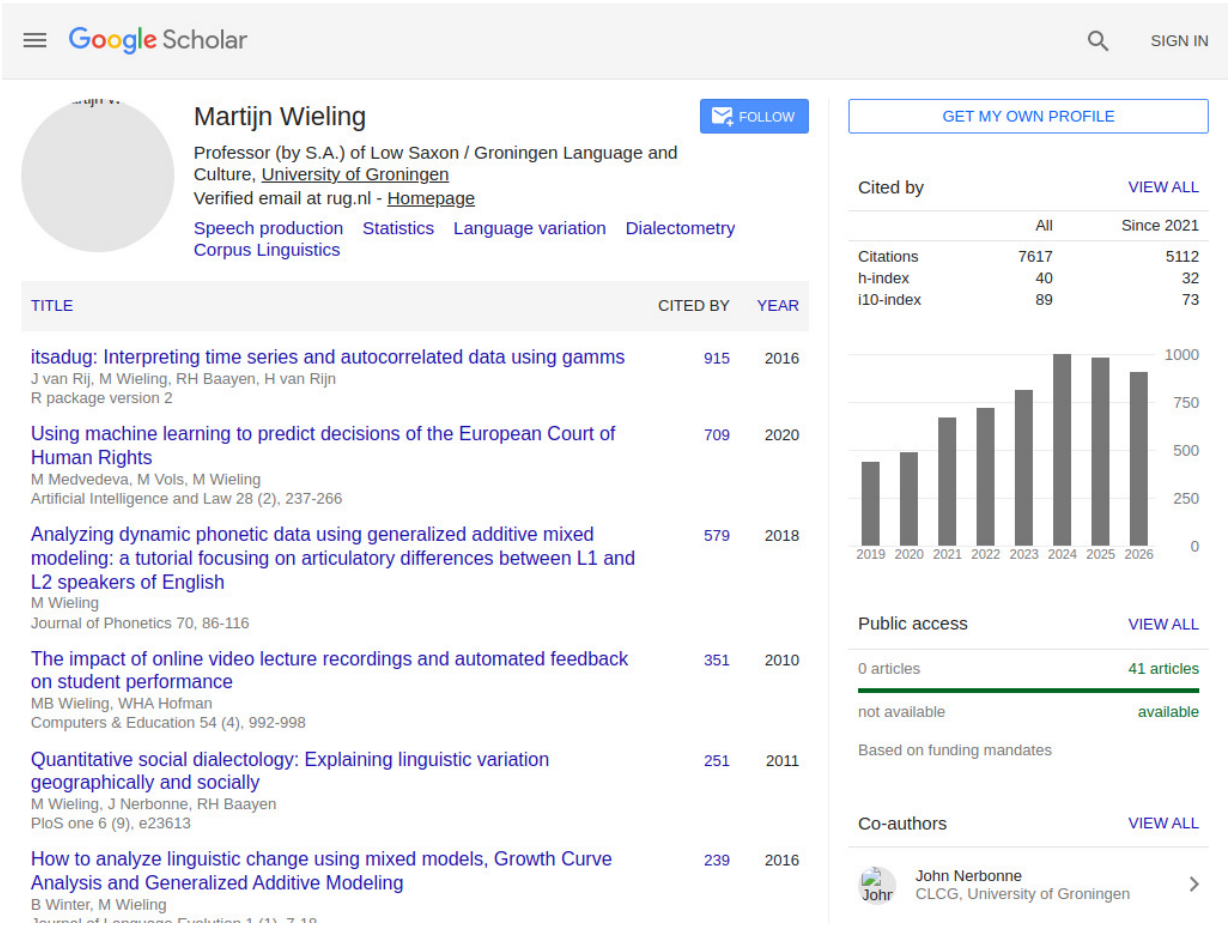

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