

PROF. MIRJAM ERNESTUS



Full Professor of Psycholinguistics
Director of the Centre for Language Studies at Radboud University
General editor of *Laboratory Phonology*
Member of the Royal Netherlands Academy of Arts and Sciences

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It is my ambition to fully understand all properties of informal conversations in a speaker's native and non-native language, why we produce them the way they are and why we are able to understand them so easily. Much of my work is about the short pronunciation variants of words that often occur in informal conversations (e.g. /jɛfɛj/ for *yesterday*). I use a three-pronged approach: corpus-based studies, experimental studies and computational modelling. In addition, I see it as my role to facilitate and encourage the work of other researchers, especially juniors.

PROFESSIONAL CAREER

Radboud University

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| Since 2019 | Full Professor of Psycholinguistics, Department of Language and Communication |
| 2012 - 2018 | Full Professor of Psycholinguistics, Department of Dutch Language and Culture and Department of Linguistics |
| 2007 - 2012 | Associate Professor (UHD), Department of Dutch Language and Culture and Department of Linguistics |
| 2003 | Postdoctoral researcher, Department of Linguistics (three months) |
| 2000 - 2002 | Lecturer, Department of Dutch Language and Culture (2 to 8 hours a week) |

Max Planck Institute for Psycholinguistics

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| 2004 - 2006 | Postdoctoral researcher in the project <i>Morphophonological Adaptation in Spoken Dutch: An Exemplar-Based Approach</i> , with Prof. R.H. Baayen as principal investigator |
| 2002 - 2006 | Postdoctoral researcher in the Comprehension group, directed by Prof. A. Cutler |
| 2000 - 2003 | Postdoctoral researcher in the project <i>The Balance Between Storage and Computation</i> , with Prof. R.H. Baayen as principal investigator |

VU University Amsterdam

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| 1999 | Lecturer, Department of General Linguistics (two months) |
| 1994 - 1999 | PhD student, Department of General Linguistics |

EDUCATION

2012	Cambridge Certificate of Proficiency in English
2011	University Teaching Qualification (BKO), Radboud University
2000	PhD dissertation <i>Voice assimilation and segment reduction in casual Dutch: A corpus-based study of the phonology-phonetics interface</i> , VU University Amsterdam Supervisors: Prof. G.E. Booij, Prof. A.C.M. Rietveld
1989 - 1994	BA and MA <i>General Linguistics</i> , cum laude, VU University Amsterdam
1988 - 1989	First year BA <i>Chemistry and Pharmaceutical Sciences</i> , cum laude, VU University Amsterdam
1987 - 1988	First year BA <i>French Linguistics and Literature</i> , cum laude, VU University Amsterdam

MANAGEMENT

Current

Since 2019	Member of the steering group of the Open Access Radboud University Press
Since 2017	Scientific director of the Centre for Language Studies, Radboud University Member of the board of the Radboud Centre for Speech and Language Technology Member of the board of the Humanities Domain of the Royal Netherlands Academy of Arts and Sciences
Since 2015	Member of the Executive Council of the Association for Laboratory Phonology Member of the International Max Planck Research School for Language Sciences (IMPRS) Programme Committee

Before

2019 - 2020	Member of the board of the Radboud Interfaculty project <i>Artificial Intelligence and Data Science</i>
2013 - 2016	Chair of the lab committee of the Centre for Language Studies, Radboud University
2012 - 2016	Member of the management team of the Centre for Language Studies, Radboud University, and coordinator of the programme <i>Language in Mind</i>
2012 - 2014	Member of the Ethics Assessment Committee for the Humanities, Radboud University
2011	Coordinator of the research programme <i>Linguistic Information Processing</i> at the Centre for Language Studies, Radboud University
2008 - 2009	Member of the board of the Young Academy of the Royal Netherlands Academy of Arts and Sciences
2007 - 2017	Liaison officer between the Centre for Language Studies, Radboud University, and the Max Planck Institute for Psycholinguistics
2003 - 2009	Member of the board of the Dutch Association for Phonetic Sciences (treasurer)
1990 - 1991	Student member of the board of the Faculty of Arts of VU University Amsterdam

RESEARCH PROJECTS

Current

- Since 2016 Partner of the *ENRICH* consortium, a European Training Network funded by the European Commission and directed by Prof. M. Cook (Universidad del País Vasco), Prof. S. King (Edinburgh University) and Prof. V. Hazan (University College London); Two PhD students working under my supervision
- Collaborator in *Words in the World*, funded by the Canadian Social Sciences and Humanities Research Council and directed by Prof. G. Libben (Brock University)
- Since 2015 Senior researcher in *Spoken Morphology: Phonetics and Phonology of Spoken Words*, funded by the Deutsche Forschungsgemeinschaft and directed by Prof. I. Plag (Heinrich Heine Universität); Two PhD students working under my supervision
- Since 2013 Member of the *Language in Interaction Consortium*, funded by the Gravitation Programme of the Netherlands Organisation for Scientific Research; Three PhD students working under my supervision

Before

- 2012 - 2017 Principal investigator of the VICI project *Learning Pronunciation Variants for Words in a Foreign Language: Towards an Ecologically Valid Theory Based on Experimental Research and Computational Modelling*, funded by the Netherlands Organisation for Scientific Research; Three PhD students and two post-doctoral researchers
- 2012 - 2016 Principal investigator of the project *The Challenge of Reduced Pronunciation Variants in Conversational Speech for Foreign Language Listeners: Experimental Research and Computational Modelling*, funded by the European Research Council; Two PhD students and a post-doctoral researcher
- 2010 - 2016 Official collaborator in the project *Speech Reduction Across Languages and Dialects*, funded by the National Science Foundation and directed by Prof. N. Warner and Prof. M. Simonet (University of Arizona)
- 2007 - 2012 Principal Investigator of the project *Acoustic Reduction in European languages*, funded by a European Young Investigator Award from the European Science Foundation; Three PhD students
- 2007 - 2011 Senior researcher in *Sound to Sense*, a Marie Curie Actions-Research Training Networks funded by the European Commission and directed by Prof. S. Hawkins (Cambridge University); Four early stage researchers for the collection of speech corpora and one PhD student working under my supervision

GRANTS & RECOGNITIONS

Grants

- Total amount: over €6,000,000
- 2018 Deutsche Forschungsgemeinschaft: Funding for the project *Dutch Morphologically Complex Words: the Role of Morphology in Speech Production and Comprehension* as part of the Research Unit *Spoken Morphology: Phonetics and Phonology of Spoken Words* (over €300,000)
- 2016 European Commission: Funding for two subprojects that are part of the European Training Network *ENRICH*, directed by: Prof. M. Cook (Universidad del País Vasco), Prof. S. King (University of Edinburgh) and Prof. V. Hazan (University College London) (€472,000)
- 2012 Netherlands Organisation for Scientific Research: Funding for the VICI project *Learning Pronunciation Variants for Words in a Foreign Language: Towards an Ecologically Valid Theory Based on Experimental Research and Computational Modelling* (€1,500,000)
- 2011 European Research Council: Starting Grant for the project *The Challenge of Reduced Pronunciation Variants in Conversational Speech for Foreign Language Listeners: Experimental Research and Computational Modelling* (€1,500,000)

- 2007 European Commission: Funding for the Marie Curie Training Network *Sound to Sense*, coordinated by Prof. S. Hawkins (University of Cambridge); Four early stage researchers for the collection of speech corpora and one PhD student working under my supervision
- 2006 European Science Foundation: A European Young Investigator (EURYI) Award for the project *Acoustic reduction in European languages* (€1,100,000)
- 2006 Netherlands Organisation for Scientific Research: Funding for the VIDI project *Word Comprehension in Natural Context: The role of Listeners' Expectations Based on Linguistic, Phonetic, and Visual Cues*. Grant declined in order to accept the grant coming with the EURYI award (mentioned above). (€600,000)
- 2002 Netherlands Organisation for Scientific Research: Funding for the project *Morpho-phonological Adaptation in Spoken Dutch: An Exemplar-Based Approach*. Co-applicants: Prof. R.H. Baayen and Prof. R. Schreuder. (€450,000)

Recognitions

- Since 2015 Member of the Royal Netherlands Academy of Arts and Sciences
- Since 2012 Research Associate of the Max Planck Institute for Psycholinguistics
- Since 2011 Affiliated Principal Investigator of the Donders Institute for Brain, Cognition and Behaviour, Radboud University
- 2009 - 2013 Member of the "Young Academy" of the Royal Netherlands Academy of Arts and Sciences

National and international evaluation committees

Grant proposals and prizes

- 2018, 2020 Royal Netherlands Academy of Arts and Sciences: Ammodo awards for the Humanities
- 2014 Netherlands Organisation for Scientific Research: Funding for small programmes for the Humanities
- 2009, 2013 Netherlands Organisation for Scientific Research: VENI grants for the Humanities

International promotions

- 2019 Two professors for full professorship (University of Antwerp)
- 2017 Jane Wottawa for PhD (Université de la Sorbonne Nouvelle - Paris III)
- 2016 Nina Verhaert for PhD (University of Antwerp)
- 2010 Audrey Bürki for PhD (University of Geneva)

EDITORIAL WORK

Member of the editorial team

- Since 2015 Editor-in-Chief of *Laboratory Phonology*
- 2010 - 2014 Associate Editor of *Laboratory Phonology*
- 2011 - 2015 Associate Editor of *Nederlandse Taalkunde*
- 2011 Guest editor for a special issue of *Journal of Phonetics* (2011, issue 3), in collaboration with Prof. N. Warner (University of Arizona)

Member of the editorial board

Since 2015	<i>The Mental Lexicon</i> <i>Morphology</i>
Since 2009	<i>Taal en Tongval</i>

CONFERENCES & WORKSHOPS

Organisation

2017	<i>Reduction</i> , satellite event for <i>Laboratory Phonology</i> (in Ithaca); Co-organisers: Prof. B. Tucker and Prof. N. Warner; Approximately 40 researchers present <i>Conversational Speech and Lexical Representations</i> ; Co-organisers: the members of my research group Dr. L. ten Bosch, S. Brand, L. Morano and A. Nijveld; Approximately 50 researchers present
2012	<i>Psycholinguistics in Flanders</i> ; Co-organisers: Prof. J. McQueen, Prof. A. Majid and three PhD students; Approximately 50 researchers present
2011	<i>Workshop on the Production and Comprehension of Aspects of Conversational Speech</i> ; Co-organisers: I. Hanique and Prof. N. Warner; Approximately 50 researchers present
2008	<i>The First Nijmegen Reduction Workshop: Disappearing Sounds</i> ; Co-organiser: Prof. N. Warner (University of Arizona); Approximately 50 researchers present
2007	<i>Nijmegen Lectures 2007</i> , with Prof. A. Goldberg (Princeton University) as main presenter and with nine discussants of her work; Co-organisers: Dr. A. Foolen, Prof. T. Stivers, and N. Bogdanowic; Over 200 researchers present
2006	<i>Architectures and Mechanisms for Language Processing 2006</i> ; Co-organisers: Prof. J. McQueen and Prof. R.H. Baayen; Over 100 researchers present
2004 - 2007	Four workshops co-organised on behalf of the <i>Dutch Society for Phonetic Sciences</i> ; Each attended by approximately 50 researchers
2002 - 2006	<i>Annual Day of Phonetics</i> , co-organised on behalf of the <i>Dutch Society for Phonetic Sciences</i> ; Each attend by approximately 50 researchers

Invited lectures at international conferences and workshops

2020	Linguistic Evidence (bi-annual conference; Tübingen)
2019	Special session at the <i>International Conference on Language Variation in Europe</i> (annual conference; Leeuwarden)
2018	<i>The Mental Lexicon</i> (bi-annual conference; Edmonton) <i>Encontres du Réseau Français de Phonologie</i> (annual conference; Paris) <i>Hanyang International Symposium on Phonetics and Cognitive Sciences of Language</i> (annual conference; Seoul)
2017	<i>Phonology and Phonetics in Europe</i> (bi-annual conference; Cologne)
2015	<i>Workshop on Individual Differences in Language Processing Across the Adult Life Span: Implications for Models of Comprehension and Production</i> (Max Planck Institute for Psycholinguistics) <i>Workshop on Modeling Variability in Speech</i> (University of Stuttgart) <i>Errare</i> (bi-annual workshop; Sinaia)
2014	<i>Workshop on Connected Speech Processes</i> (University of Cambridge) <i>Nouvelles Technologies et Standards Méthodologiques et Linguistique</i> (University of Lausanne)
2013	<i>Experimental Approaches to Perception and Production of Language Variation</i> (Quadrennial conference; Copenhagen)

2011	<i>Psycholinguistics in Flanders</i> (annual conference; Antwerp) <i>Workshop on Understanding the Architecture of the Mental Lexicon: Integration of Existing Approaches</i> (Pisa)
2010	<i>Workshop on Probabilistic Syntax: Phonetics, Diachrony, and Synchrony</i> (Freiburg Institute for Advanced Studies) Special session at the <i>Second Pan-American/Iberian Meeting on Acoustics</i> (annual conference; Cancun)
2009	Special session at the <i>31st Annual Meeting of the Deutsche Gesellschaft für Sprachwissenschaft</i> (annual conference; Osnabrück)
2008	Special session at the <i>Sociolinguistic Symposium 17</i> (annual conference; Amsterdam)
2007	<i>Manchester Phonology Meeting</i> (annual conference; Manchester)
2005	Special session at the <i>Annual meeting of the Linguistic Society of America</i> (annual conference; Oakland)

INTERNATIONAL VISITORS & VISITS

Graduated visitors

Since 2008	Prof. P. Pollak, Czech Technical University; several visits, 3 weeks in total
2017, 2018	Dr. M. Bell, Anglia Ruskin University; 2 weeks
2017	Prof. L. Feldman, University of Albany & Haskins Laboratories; 3 weeks
2015 - 2016	Prof. R.H. Baayen, Eberhard Karls Tübingen University; 2 weeks in total
2013, 2016	Prof. I. Plag, Heinrich Heine University; several days
2010 - 2018	Prof. N. Warner, University of Arizona; several visits, 2.5 years in total
2007 - 2008	Prof. K. Russell, University of Manitoba; 10 months
2006	Prof. R. Smith, University of Glasgow; 3 months
2005, 2015	Prof. S. Hawkins, University of Cambridge; 2 weeks in total
2005	Dr. A. Dainora; University of Chicago; 3 months

Non-graduated visitors

2018, 2019	J. Schnell, University of Konstanz; 6 months in total
2017	A. Engel, University of Konstanz; 3 months PhD student C. de Bona, Federal University of Rio Grande do Sul; 4 months
2016	L. Wloch, a German high school student; 3 months
2015, 2016	PhD student G. Berry, Pennsylvania State University; 5 months in total
2015	PhD student A. Cooper, Northwestern University; 1 month
2008	PhD student A. Bürki, University of Geneva; 1 week

International visits

Since 2012	Heinrich Heine University; several visits, 2 months in total
2017	Prof. B. Tucker, University of Alberta; 1 week
2013 - 2016	Dr A. Bürki, University de Geneva; several visits, 2 weeks in total
2013 - 2015	Prof. R. Smith, University of Glasgow; several visits, 4 weeks in total
2013, 2015	Prof. S. Hawkins and Dr. B. Post, Cambridge University; several visits, 1.5 week in total
2013	Dr Dolores Porto, University de Alcala Colegio S.J. de Caracciolos, Madrid; several days

2012	Prof. P. Pollak, Czech Technical University; several days
2010 - 2012	Prof. D. Sandra, Antwerp University; several visits, 3 weeks in total
2009, 2010	Prof. N. Warner, University of Arizona; two visits, in total 2 months
2009	Prof. V. Kuperman, Stanford University; several days
2008 - 2014	Prof. Jose Manuel Pardo, U. Politecnica Madrid; several visits, 3 weeks in total
2008, 2013	Prof. C. Fougeron, Paris 3; several visits, 1.5 week in total
2008	Prof. E. Johnson, University of Toronto; 1 week
	Dr. C. Meunier University of Aix-en-Provence; several days
2007 - 2010	Prof. U. Frauenfelder, University of Geneva; several visits, 3 weeks in total
2007 - 2010	Prof. H. Baayen, University of Alberta; several visits, 1 month in total
2007	Prof. J. Pierrehumbert and Prof. A. Bradlow, Northwestern University; 1 week

TEACHING & SUPERVISION

Undergraduate Teaching

Radboud University Nijmegen

Since 2000	Supervision of over 15 of bachelor's and master's theses Supervision of over 15 of national and international interns
2013	<i>Classics</i>
2012	Master's course on Psycholinguistics
2011 - 2013	Master's course on Phonology & Phonetics
2008 - 2012	Bachelor's course on Psycholinguistic Experimental Research
2007	Master's course on Psycholinguistic Research
2001- 2002	Bachelor's course on Morphology
2001	Bachelor's course on Spelling
2000 - 2002	Bachelor's course on Phonology

Free University Amsterdam

1997-1999	Bachelor's course on Phonology
1997	Bachelor's course on Methods of Linguistic Research

Graduate Teaching at LOT (Netherlands Graduate School of Linguistics)

2014	<i>Pronunciation Variation in Connected Speech: Linguistic and Psycholinguistic Aspects</i>
2010	<i>Statistics for (Psycho)Linguists</i>
2007	<i>Phonology in Everyday Speech</i>

PhD - first supervisor

Graduated

Dr. A. Nijveld, 1 July 2019 - Researcher, University of Alberta
Dr. L. de Vaan, 15 November 2017 - Professional Handbiker and Data scientist, NOC*NSF
Dr. S. Brand, 27 September 2017 - Teacher, Hotel Management School Maastricht
Dr. M. Viebahn, 25 April 2016 - Researcher, University of Leipzig

Dr. I. Hanique, 13 November 2013 - Software Engineer, Itility
Prof. F. Torreira, 14 November 2011 - Assistant Professor, McGill University
Dr. M. van de Ven, 2 November 2011 - Assistant Professor, Radboud University
Dr. C. Kuzla, 14 April 2009 - German Language Teacher, Münchner Volkshochschule
Dr. A. Wagner, 23 June 2008 - Researcher, University of Groningen

In progress

M. Bentum, R. Chamalaun, L. Eijk, K. Marcoux, L. Morano, T. Zee

PhD - second supervisor

Graduated

Dr. X. Koch, 18 September 2018 - Researcher, Humboldt University Berlin
Dr. J. Schmidt-Kirsch, 5 July 2018 - Project Manager, EURICE European Research and Project Office GmbH
Dr. H. Kouwenhoven, 10 February 2016 - Marketing and Communications Consultant, The Simulation Crew and Virtual Skillslab
Dr. B. Schuppler, 28 February 2011 - Researcher, Graz University of Technology
Prof. V. Kuperman, 30 October 2008 - Associate Professor, McMaster University
Prof. M. Pluymaekers, 7 June 2007 - Full Professor, Zuyd University of Applied Sciences
Dr. R. Kemps, 1 September 2004 - Neuropsychologist, Rijndam Revalidation Hospital

In progress

E. Felker, D. Merckx, H. Müller, J. Rodd, C. Shen, A. Troncoso Ruiz

OUTREACH & PRESS

Lectures / workshops

2019	Half a day conference organized for the Royal Dutch Academy of Arts and Sciences, on multilingual Netherlands
Since 2007	Workshops for primary school children (e.g. from schools from Arnhem, Beuningen, Haalderen and Weekend School Nijmegen)
2015	Lecture for teachers of Dutch as a second language, INNT, University of Amsterdam Lecture for the Rotary club, Ede
2014	Lecture for the association of secondary school teachers from the province of Brabant (<i>Ons Middelbaar Onderwijs</i>) Lecture for foreign language teachers of Dutch at their annual conference (BVNT2) Two lectures for the Central Institute for Test Development (CITO)
2013	Class at secondary school S.G. Het Libanon College
2012	Lecture in the framework of Higher Education for Older People (HOVO), Groningen
2010	Lecture at a fair for last year high school students, Utrecht
2009, 2011	Workshops at four secondary schools on science, as part of DJA on Wheels, organised by the Young Academy of the Royal Dutch Academy of Arts and Sciences
2007	Lecture for the Amsterdam Association for Psycholinguists
2005	Lecture for the Association for Scientific Spelling

Other activities

- Since 2015 Language labs at the annual Drongo Language Festival. The language games we presented can be found at <http://www.mirjamernestus.nl/Ernestus/Onderzoek.php>.
- Since 2004 Six articles in professional journals (see: [publications in Dutch at http://www.mirjamernestus.nl/Ernestus/Publications.php](http://www.mirjamernestus.nl/Ernestus/Publications.php))
- Since 2004 Supervision of students from secondary schools writing their profielwerkstuk (chosen subject project report) on psycholinguistics
- 2020 Website instructing learners of French on reduced words (<https://cls.ru.nl/casualfrench/>)
- 2018 I initiated the move of the Drongo Language Festival from Utrecht to Nijmegen
- 2015 Interview at the Language Show *The Secrets of Spoken Language*, organised by G. van Dorren, Amsterdam
- 2014 - 2016 Development of two dictation tasks for learners of Dutch, which are freely available (e.g. <http://acc.ru-webexperimenten.nl/TaalExperiment/public/49>).
- 2011 Fastfact video <http://fastfacts.nl/nl/content/mirjam-ernestus-je-zegt-minder-dan-je-denkt>
- 2008 Interview at Researchers' night on language research, Nijmegen
- 2007, 2009 Three radio interviews https://www.vpro.nl/speel-VPRO_70942-noorderlicht-nieuw-antibioticum-.html,
https://npofocus.nl/?site=site_radio&category=1683626&nr=134903&item=1365069,
https://npofocus.nl/?site=site_radio&category=1683626&nr=134903&item=2309864

CORPORA AND DATABASES

Ernestus Corpus of Spontaneous Dutch contains high-quality recordings of 10 conversations of 90 minutes each, between friends or direct colleagues. Professional transcribers have created an orthographic transcription of the corpus by hand, while a phonemic transcription has been created automatically. Both types of transcriptions are stored in Praat TextGrid format. The corpus is freely available to researchers in academia.

The Nijmegen Corpus of Casual French contains 35 hours of high-quality recordings featuring 46 French speakers conversing among friends. The speech has been orthographically annotated by professional transcribers by hand. The transcriptions are stored in Transcriber xml and Praat TextGrid files, as well as ELAN .eaf format. The corpus is freely available to researchers in academia.

The Nijmegen Corpus of Casual Spanish contains 30 hours of high-quality recordings featuring 52 Spanish speakers from Madrid conversing among friends. The speech has been orthographically annotated by professional transcribers by hand. The transcriptions are stored in Transcriber xml and Praat TextGrid files, as well as ELAN .eaf format. The corpus is freely available to researchers in academia.

The Nijmegen Corpus of Casual Czech contains 30 hours of high-quality recordings featuring 60 Czech speakers conversing among friends. The speech has been orthographically transcribed by hand, and these orthographic transcriptions are stored in Transcriber xml files. The corpus is freely available to researchers in academia.

The Nijmegen Corpus of Spanish English contains 39 hours of high-quality recordings of English speech produced by 34 native Spanish speakers in interaction with two native Dutch confederates. The corpus contains a formal and an informal recording for each Spanish speaker. The speech has been orthographically transcribed by hand into Praat TextGrid files. The corpus is freely available to researchers in academia.

Baldey is an auditory lexical decision experiment in which 5,541 Dutch content words and pseudo-words were presented to 20 native speakers. The words vary in phonological makeup, in number of syllables, the position of stress, and in morphological complexity. The BALDEY data file includes response times and accuracy scores, and for each item morphological and phonological information. The data base is freely available, including the auditory stimuli with Praat TextGrids providing phonemic alignments created by means of an automatic speech recogniser.

PUBLICATIONS

H-index Google Scholar: 33 | H-index Web of Science: 20

For my full publication list, see <http://www.mirjamernestus.nl/Ernestus/Publications.php>

I am most proud of the following publications (listed in chronological order).

1. M. Ernestus (2000). *Voice Assimilation and Segment Reduction in Casual Dutch, A Corpus-Based Study of the Phonology-Phonetics Interface*. Utrecht: LOT (262 citations)
My dissertation, in which I presented the first corpus of casual Dutch (Ernestus Corpus of Spoken Dutch) and in which I provided a (mostly qualitative) analysis of the phenomenon of speech reduction for Dutch. I also formulated a new theory of Final Devoicing.
2. M. Ernestus, R.H. Baayen, & R. Schreuder (2002). The Recognition of Reduced Word Forms. *Brain and Language* 81, 162-173. (212 citations)
This is the first study of how native listeners understand reduced word pronunciation variants. We show that these words are hard to understand out of context.
3. M. Ernestus & R.H. Baayen (2003). Predicting the Unpredictable: Interpreting Neutralised Segments in Dutch. *Language* 79, 5-38. (228 citations)
This article is the first to show that the voicing of Dutch word-final obstruents is predictable and that regular past-tense formation for pseudowords is based on this gradient predictability. We compared how well different types of theoretical models account for these data.
4. M. Ernestus & R.H. Baayen (2004). Analogical Effects in Regular Past Tense Production in Dutch. *Linguistics* 42, 873-903. (64 citations)
This article shows that the analogical effects that we observed for pseudowords in Ernestus & Baayen (2003) can also be found for real words. This implies that analogical effects are part and parcel of everyday word processing.
5. M. Ernestus, M. Lahey, F. Verhees, & R.H. Baayen (2006). Lexical Frequency and Voice Assimilation. *Journal of the Acoustical Society of America* 120, 1040-1051. (88 citations)
This analysis of the Spoken Dutch Corpus shows that the standard description of voice assimilation in Dutch is incorrect. Moreover, it shows that lexical frequency affects voice assimilation
6. F. Torreira, M. Adda-Decker, & M. Ernestus (2010). The Nijmegen Corpus of Casual French. *Speech Communication* 52, 201-212. (73 citations)
This article presents the Nijmegen Corpus of Casual French, on which the three other Nijmegen corpora compiled in my research projects are based.
7. A. Bürki, M. Ernestus, & U.H. Frauenfelder (2011). Is There only one “fenêtre” in the Production Lexicon? On-line Evidence on the Nature of Phonological Representations of Pronunciation Variants for French Schwa Words. *Journal of Memory and Language* 62, 421-437. (63 citations)
This article shows word-specific frequency effects for reduced word pronunciation variants, which is in line with the view that these variants are stored in the mental lexicon.
8. L. Ten Bosch, L. Boves, & M. Ernestus (2015). DIANA, an end-to-end computational model of human word comprehension. In: Scottish consortium for ICPhS, M. Wolters, J. Livingstone, B. Beattie, R. Smith, M. MacMahon, et al. (Eds.), Proceedings of the 18th International Congress of Phonetic Sciences (ICPhS 2015). Glasgow: University of Glasgow. (11 citations). This article introduces *Diana*, our model of word recognition that takes as its input the acoustic signal and simulates participants' behaviour in psycholinguistic perception experiments.
9. M. Ernestus, I. Hanique, & E. Verboom (2015). The Effect of Speech Situation on the Occurrence of Reduced Word Pronunciation Variants. *Journal of Phonetics* 48, 60-75. (29 citations)
This article describes a corpus-based study as well as a production experiment substantiating the claim that reduced word pronunciation variants occur more often in spontaneous than in prepared speech.
10. L. Drijvers, K. Mulder, & M. Ernestus (2016). Alpha and gamma band oscillations index differential processing of acoustically reduced and full forms. *Brain and Language* 153-154, 27-37. (13 citations). This article shows that, in lab experiments, especially semantic processing is more difficult for reduced than for full words.
11. M. Ernestus, *H. Kouwenhoven, & M. van Mulken (2017). The direct and indirect effects of the phonotactic constraints in the listener's native language on the comprehension of reduced and unreduced word

pronunciation variants in a foreign language. *Journal of Phonetics* 62, 50-64. (10 citations). This article shows that the interpretation of reduced can't, with its acoustic traces, as either can or can't is determined by whether the listener's native language allows word-final /nt/ clusters.

12. M. C. Viebahn, M. Ernestus, & J. M. McQueen (2017). Speaking style influences the brain's electrophysiological response to grammatical errors in speech comprehension. *Journal of Cognitive Neuroscience* 29, 1132-1146. (6 citations). We show that Dutch listeners tolerate the absence of inflectional schwa on adjectives if the words seem part of conversational speech.
13. S. Brand & M. Ernestus (2018). Listeners' processing of a given reduced word pronunciation variant directly reflects their exposure to this variant: evidence from native listeners and learners of French. *Quarterly Journal of Experimental Psychology* 71, 1240-1259. (10 citations). This article shows that listeners' expectations of what word pronunciations to expect affect their word recognition.
14. M. Ernestus & R. Smith (2018). Qualitative and quantitative aspects of phonetic variation in Dutch *eigenlijk*. In: F. Cangemi, M. Clayards, O. Niebuhr, B. Schuppler, & M. Zellers (eds.), *Rethinking reduction*, pages 129-163. Berlin/Boston: De Gruyter Mouton. (9 citations). This is a qualitative and quantitative in-depth study of the acoustic properties of the Dutch word *eigenlijk*, showing the acoustic traces of seemingly absent segments and the word's phonetic essence.
15. M. Bentum, L. ten Bosch, A. van den Bosch, & M. Ernestus (2019). Listening with great expectations: An investigation of word form anticipations in naturalistic speech. In *Proceedings of Interspeech 2019: The 20th Annual Conference of the International Speech Communication Association*, pages 2265-2269. This article shows that the mismatch negativity in EEG recordings of participants listening to two speech registers reflects the difference between the probability of expected word before the word is uttered and after a small part has been uttered (190 ms).