

CURRICULUM VITAE

Holger Mitterer

* 04.01.1973 in Hanau, Germany, Nationality: German

DEPARTMENT OF COGNITIVE SCIENCE
FACULTY OF MEDIA AND KNOWLEDGE SCIENCES
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EDUCATION

- 1998 - 2003 Ph.D. student at the University of Maastricht, The Netherlands
Faculty of Psychology, Department of Cognitive Neuroscience
- Ph.D. Thesis "Understanding 'gardem bench': Studies on the perception of assimilated words forms" (*cum laude*, equivalent to German *summa cum laude*)
- 1993 - 1998 Master in Psychology at the University of Bielefeld, Germany and the University Leiden, The Netherlands
- Master Thesis: "Investigations of the Stroop-dilution effect" with Prof. Dr. Neumann (Bielefeld) and Prof. Dr. van der Heijden (Leiden)
- 1992 Abitur at the Hohe Landesschule, Hanau, Germany

POSITIONS

- 2015 Visiting Professorship at University of Tübingen (May-August)
- 2013 - University of Malta, Department of Cognitive Science, Associate Professor
- 2003 - 2012 Max Planck Institute for Psycholinguistics, Comprehension Group
Scientific Staff Member
- independent scientific work
 - supervision of Master and Ph.D. students
- 1998 - 2003 University of Maastricht
- 80% position as Ph.D. student (*assistent in opleiding*)
 - 20% position as junior lecturer
- 1992 - 1993 City of Bruchköbel, Germany
- Civil service (care for the severely handicapped)

RESEARCH INTERESTS

COMPUTATIONAL ARCHITECTURE OF SPOKEN-WORD RECOGNITION: Recognition of phonological variant forms arising from reduction, and deletion; compensation for speaker differences through auditory processes and perceptual learning

MECHANISM OF LANGUAGE PROCESSING: The relation of speech processing to other perceptual processes in hearing & vision; speech production and perception in dialogue; speech as a cultural artifact; phonological representations in L1 and L2 processing

TEACHING & SUPERVISION

EDUCATION FOR TEACHING: Training at the University of Maastricht (with certificate in "Problem-based Learning")

UNDERGRADUATE LEVEL: Courses taught on Statistics and Research Methods, Cognitive Psychology, Psycholinguistics, Auditory and Speech perception at the Universities of Konstanz, Nijmegen, Tübingen, and Malta

GRADUATE LEVEL: Supervision of Master and Ph.D. Students, Max Planck Research School course "Programming for Psycholinguists", Lecturer at the LOT Graduate Winterschool 2013 on Phonetics/Phonology

COURSES TAUGHT

- University of Malta, Bachelor Human Speech Technology: *Experimental Psycholinguistics*
- University of Malta, Master in Cognitive Science: *Research Methods in Cognitive Science, Psycholinguistics, Programming in Python, Language in Use, Perception and Action*
- Universität Tübingen (FB Anglistik, SS2015): *Processing Multiple Languages* (Hauptseminar), *Research Methods in Linguistics* (Proseminar)
- Landelijke Onderzoeksschool Taal (Nationales Graduiertenkolleg Sprache, WS 2012/2013): *Recognizing Spoken Words*
- IMPRS for Language Science, Nijmegen (SS2012): *Programming in Praat and Perl*
- Universität Konstanz (SS 2011): *Einführung in die Neurolinguistik*

GRANTS

2014-2016	Global Network Research Grant (67k€) with Taehong Cho and Sahyang Kim (Seoul) on Prosodic processing in Korean and English.
2014-2016	University of Malta Research Grant: Production and Perception of morphemic consonant sequences (10k€)
2009-2012	Grant from the Deutsche Forschungsgemeinschaft (German Research Council, DFG) in the framework of the Priority Program 1234 "Phonological and phonetic competence", Project: "Adapting to phonological reduction: Tracking how learning from talker-specific episodes helps listeners recognize reduced speech" (3 years, 110k€)
2006-2009	Grant from the Deutsche Forschungsgemeinschaft (German Research Council, DFG) in the framework of the Priority Program 1234 "Phonological and phonetic competence", Project: "The functional phonology of reduced forms" (3 years, 40k€)
2000	Travel grant awarded by the 2 nd International Congress on Mismatch Negativity and its Clinical Applications (2k€)

SKILLS

LANGUAGES: German (native), English and Dutch (near-native), Maltese (Basic), Latin

METHODS: EEG data-acquisition and -analysis with MatLab, NeuroScan, or BrainVision
Own toolbox for eye-movement analysis (written in PERL)
Own tool for online experiment scheduling (written in PHP/SQL)
Auditory signal analysis and manipulation for the speech signal (using PRAAT)
Advanced Statistics (using R)

PROFESSIONAL SERVICES

REVIEWING

- PSYCHOLOGY:

Attention, Perception & Psychophysics, Cognition, Journal of Experimental Psychology: Human Perception and Performance, Journal of Memory and Language, Quarterly Journal of Experimental Psychology, Developmental Science

- LINGUISTICS

Journal of Phonetics, Journal of Speech, Language, and Hearing Research, Phonology, Speech Communication

- COGNITIVE NEUROSCIENCE

Brain Research, Journal of Cognitive Neuroscience, Proceedings of the National Academy of Science, Psychophysiology

- GRANT AGENCIES

National Science Foundation (NSF), Nederlandse Organisatie voor Wetenschappelijk Onderzoek (NWO), Marsden Fund (New Zealand)

WORKSHOPS AND CONFERENCE ORGANIZATION:

- Phonetics & Phonology 4 Meeting, October 2007, Nijmegen;
- 2nd meeting of the DFG Priority Program 1234 "Phonetic and phonological competence", October 2007, Nijmegen;
- 11th, 12th & 13th Winter conference of the Nederlandse Vereniging voor Psychonomie (Dutch Psychonomic Association) on Cognition, Brain, & Behavior, December 2009, 2011 & 2013, Egmond aan Zee;
- Architectures & Mechanisms of Language Processing (AMLaP 2015), 3-5 September 2015, Valletta, Malta

EDITOR: Associate Editor *Laboratory Phonology*

2006 Annual Report of the Max Planck Institute for Psycholinguistics

Editor Frontiers Research Topic on *Ecological aspects of speech perception*

MEMBER of the Editorial Board of Journal of Phonetics

TREASURER of the Nederlandse Vereniging voor Psychonomie (Dutch Psychonomic Society)
2008-2012

MEMBERSHIPS: Association for Laboratory Phonology, NVP, Psychonomic Society

INVITED PRESENTATIONS

- 24.-26.08.2016 Invited speaker at the DFG Workshop: "Spoken Morphology: Phonetics and Phonology of Complex Words"
- 13.03.2016 New York University of Abu Dhabi: Colloquium "Not all geminates are made equal".
- 16.-18.12.2013 Workshop at the Universität Köln on Eye-tracking
- 05.06.2013 Invited Speaker at the 21th International Congress on Acoustics, Montreal, Canada
- 21.-22.03.2013 Workshop at the Hungarian Academy of Science on Eye-tracking
- 04.01.2013. Invited speaker at the London Meeting of the Experimental Psychological Society
- 20.11.2012. Invited speaker on Statistics for the Workshop "Cognitive and linguistic mechanisms of anaphoric reference in literary and non-literary text"
- 13.10.2012 Colloquium Universiteit Leiden "Insights from lexically-guided learning on the perceptual representation of speech".
- 01.10.2012 Invited Talk at the Zentrum für allgemeine Sprachwissenschaften, Berlin "Recognizing words that start *wrong*".
- 23.08.2012 Colloquium Ohio State University (with Eva Reinisch) "Perceptual Learning in Speech is a Rudimentary and Robust Process".
- 27.07.2012. Invited discussant at the 13. "Laboratory Phonology" Conference, Stuttgart.
- 22.02.2012. Lecturer at the BiMM 2012: Bielefeld Mixed Models Workshop.
- 09.12.2011. Keynote speaker at the Workshop "Accommodation to a dialogue partner in perception and production", Laboratoire Parole et Langage, Aix-en-Provence, France.
- 17.06.2011. Language and Cognition Colloquium Birmingham University "Using Prior Knowledge to Adjust the Perception of Tones, Phones, Accents, and Colours".
- 13.09.2010. Colloquium LMU München, Institut für Phonetik und Sprachverarbeitung: "Shadowing, phonetic imitation, and the role of articulatory gestures in speech perception".
- 08.03.2010. Bristol University, UK: Workshop on *Psycholinguistic Approaches to Speech Perception in Adverse Conditions*: "Perception of phonologically reduced variants in conversational speech".
- 16.04.2010. Universiteit van Amsterdam, Workshop on *Using Eye-tracking in Linguistics and Cognitive Science*: "Eye-tracking reveals how we deal with phonological variants" & "Data collection and analysis in the visual world paradigm".
- 08.10.2009. Emory University, Atlanta, GA: " Knowledge-guided perceptual learning in speech: theoretical and practical implications".
- 02.02.2009. Colloquium LMU München, Institut für Phonetik und Sprachverarbeitung: " How speech is special, ... and not".
- 18.11.2008. Ohio State University, Columbus, OH, Colloquium Psychology & Linguistics: "Context effects on different processing levels in the perception of speech".
- 30.10.2008. Universiteit Leiden, Colloquium Language & Communication: "How speech is special, ... and not".
- 15.06.2008. Radboud Universiteit Nijmegen, *The First Nijmegen Speech Reduction Workshop: Disappearing sound*: "Different processing mechanisms for apparently similar reductions" (with Mirjam Ernestus and James McQueen).
- 26.05.2008. RWTH Aachen, Colloquium Psychologie: "How speech is special, ... and not".
- 08.02.2007. Universität Stuttgart, Colloquium am Institut für maschinelle Sprachverarbeitung: "Context effects on different processing levels in the perception of speech".
- 25.10.2006. Universiteit Leiden, Colloquium Psychologie: "Challenges of connected-speech processing: The case of word-final /t/".
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PUBLICATIONS

- JOURNALS (peer-reviewed)

Computational architecture of spoken-word recognition

- Mitterer, H., Cho, T., & Kim, S. (2016). What are the letters of speech? Testing the role of phonological specification and phonetic similarity in perceptual learning. *Journal of Phonetics*, 56, 110-123. doi:[10.1016/j.wocn.2016.03.001](https://doi.org/10.1016/j.wocn.2016.03.001)
- Mitterer, H., Cho, T., & Kim, S. (2016). How does prosody influence speech categorization? *Journal of Phonetics*, 54, 68-79. doi:[10.1016/j.wocn.2015.09.002](https://doi.org/10.1016/j.wocn.2015.09.002)
- Reinisch, E., & Mitterer, H. (2016). Exposure modality, input variability and the categories of perceptual recalibration. *Journal of Phonetics*, 55, 96-108. doi:[10.1016/j.wocn.2015.12.004](https://doi.org/10.1016/j.wocn.2015.12.004)
- Reinisch, E., Wozny, D., Mitterer, H., & Holt, L.L. (2014). Phonetic category recalibration: What are the categories? *Journal of Phonetics*, 45, 91-105. doi:[10.1016/j.wocn.2014.04.002](https://doi.org/10.1016/j.wocn.2014.04.002)
- Mitterer, H., & Reinisch, E. (2013). No delays in application of perceptual learning in speech recognition: evidence from eye tracking. *Journal of Memory and Language*, 69, 527-545. doi:[10.1016/j.jml.2013.07.002](https://doi.org/10.1016/j.jml.2013.07.002)
- Mitterer, H., Scharenborg, O., & McQueen, J..M.. (2013). Phonological abstraction without phonemes in speech perception. *Cognition*, 129, 356-361. doi:[10.1016/j.cognition.2013.07.011](https://doi.org/10.1016/j.cognition.2013.07.011)
- Reinisch, E., Weber, A., & Mitterer, H. (2013). Listeners retune phoneme categories across languages. *Journal of Experimental Psychology: Human Perception and Performance*, 39, 75-86. doi:[10.1037/a0027979](https://doi.org/10.1037/a0027979)
- Sjerps, M., McQueen, J.M., & Mitterer, H. (2013). Evidence for precategorical extrinsic vowel normalization. *Attention, Perception & Psychophysics*, 75, 576-587. doi:[10.3758/s13414-012-0408-7](https://doi.org/10.3758/s13414-012-0408-7)
- Sjerps, M., Mitterer, H., & McQueen, J.M. (2012). Hemispheric differences in the effects of context on vowel perception. *Brain and Language*, 120, 120-405. doi:[10.1016/j.bandl.2011.12.012](https://doi.org/10.1016/j.bandl.2011.12.012)
- Mitterer, H. (2011). The mental lexicon is fully specified: Evidence from eye-tracking. *Journal of Experimental Psychology: Human Perception and Performance*, 37, 496-513. doi:[10.1037/a0020989](https://doi.org/10.1037/a0020989)
- Mitterer, H., Chen, Y., & Zhou, X.L. (2011). Phonological abstraction in processing lexical-tone variation: Evidence from a learning paradigm. *Cognitive Science*, 35, 184-197. doi:[10.1111/j.1551-6709.2010.01140.x](https://doi.org/10.1111/j.1551-6709.2010.01140.x)
- Sjerps, M., Mitterer, H., & McQueen, J.M. (2011). Constraints on the processes responsible for the extrinsic normalization of vowels. *Attention, Perception, & Psychophysics*, 73, 1195-1215. doi:[10.3758/s13414-011-0096-8](https://doi.org/10.3758/s13414-011-0096-8)
- Sjerps, M.J., Mitterer, H., & McQueen, J.M. (2011). Listening to different speakers: On the time-course of perceptual compensation for vocal-tract characteristics. *Neuropsychologia*, 49, 3831-3846. doi:[10.1016/j.neuropsychologia.2011.09.044](https://doi.org/10.1016/j.neuropsychologia.2011.09.044)
- Hanulíková, A., McQueen, J.M., & Mitterer, H. (2010). Possible words and fixed stress in the segmentation of Slovak speech. *Quarterly Journal of Experimental Psychology*, 63, 555-579. doi:[10.1080/17470210903038958](https://doi.org/10.1080/17470210903038958)
- Mitterer, H. (2006). On the causes of compensation for coarticulation: Evidence for phonological mediation. *Perception & Psychophysics*, 68, 1227-1240. doi:[10.3758/BF03193723](https://doi.org/10.3758/BF03193723)

Mitterer, H. (2006). Is vowel normalization independent of lexical processing? *Phonetica*, *63*, 209-229. doi:[10.1159/000097306](https://doi.org/10.1159/000097306)

Bonte, M.L., Mitterer, H., Zellagui, N., Poelmans, H., & Blomert, L. (2005). Auditory cortical tuning to statistical regularities in phonology. *Clinical Neurophysiology*, *116*, 2765-2774. doi:[10.1016/j.clinph.2005.08.012](https://doi.org/10.1016/j.clinph.2005.08.012)

Processing spontaneous speech

Mitterer, H., & Reinisch, E. (2015). Letters don't matter: No effect of orthography on the perception of conversational speech. *Journal of Memory and Language*, *85*, 116-134. doi:[10.1016/j.jml.2015.08.005](https://doi.org/10.1016/j.jml.2015.08.005)

Poellmann, K., Bosker, H.R., McQueen, J.M., & Mitterer, H. (2014). Perceptual adaptation to segmental and syllabic reductions in continuous spoken Dutch. *Journal of Phonetics*, *46*, 101-127. doi:[10.1016/j.wocn.2014.06.004](https://doi.org/10.1016/j.wocn.2014.06.004)

Poellmann, K., Mitterer, H., & McQueen, J.M. (2014). Use what you can: storage, abstraction processes, and perceptual adjustments help listeners recognize reduced forms. *Frontiers in Psychology*, *5*, . doi:[10.3389/fpsyg.2014.00437](https://doi.org/10.3389/fpsyg.2014.00437)

Tuinman, A., Mitterer, H., & Cutler, A. (2014). Use of syntax in perceptual compensation for phonological reduction. *Language and Speech*, *57*, 68-85. doi:[10.1177/0023830913479106](https://doi.org/10.1177/0023830913479106)

Brouwer, S., Mitterer, H., & Huettig, F. (2013). Discourse context and the recognition of reduced and canonical spoken words. *Applied Psycholinguistics*, *34*, 519-539. doi:[10.1017/S0142716411000853](https://doi.org/10.1017/S0142716411000853)

Mitterer, H., Kim, S., & Cho, T. (2013). Compensation for complete assimilation in speech perception: The case of Korean labial-to-velar assimilation. *Journal of Memory and Language*, *69*, 59-83. doi:[10.1016/j.jml.2013.02.001](https://doi.org/10.1016/j.jml.2013.02.001)

Mitterer, H., & Russell, K. (2013). How phonological reductions sometimes help the listener. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, *39*, 977-984. doi:[10.1037/a0029196](https://doi.org/10.1037/a0029196)

Brouwer, S., Mitterer, H., & Huettig, F. (2012). Speech reductions change the dynamics of competition during spoken word recognition. *Language and Cognitive Processes*, *27*, 539-571. doi:[10.1080/01690965.2011.555268](https://doi.org/10.1080/01690965.2011.555268)

Brouwer, S., Mitterer, H., & Huettig, F. (2012). Can hearing puter activate pupil? Phonological competition and the processing of reduced spoken words in spontaneous conversations. *Quarterly Journal of Experimental Psychology*, *65*, 2193-2220. doi:[10.1080/17470218.2012.693109](https://doi.org/10.1080/17470218.2012.693109)

Tuinman, A., Mitterer, H., & Cutler, A. (2012). Resolving ambiguity in familiar and unfamiliar casual speech. *Journal of Memory and Language*, *66*, 530-544. doi:[10.1016/j.jml.2012.02.001](https://doi.org/10.1016/j.jml.2012.02.001)

Mitterer, H. (2011). Recognizing reduced forms: Different processing mechanisms for similar reductions. *Journal of Phonetics*, *39*, 298-303. doi:[10.1016/j.wocn.2010.11.009](https://doi.org/10.1016/j.wocn.2010.11.009)

Tuinman, A., Mitterer, H., & Cutler, A. (2011). Perception of intrusive /r/ in English by native, cross-language and cross-dialect listeners. *Journal of the Acoustical Society of America*, *130*, 1643-1652. doi:[10.1121/1.3619793](https://doi.org/10.1121/1.3619793)

Mitterer, H., Yoneyama, K., & Ernestus, M. (2008). How we hear what is hardly there: Mechanisms underlying compensation for /t/-reduction in speech comprehension. *Journal of Memory and Language*, *59*, 133-152. doi:[10.1016/j.jml.2008.02.004](https://doi.org/10.1016/j.jml.2008.02.004)

Mitterer, H., Csépe, V., & Blomert, L. (2006). The role of perceptual integration in the recognition of assimilated word forms. *Quarterly Journal of Experimental Psychology*, *59*, 1395-1424. doi:[10.1080/17470210500198726](https://doi.org/10.1080/17470210500198726)

- Mitterer, H., Csépe, V., Honbolygo, F., & Blomert, L. (2006). The recognition of phonologically assimilated words does not depend on specific language experience. *Cognitive Science*, *30*, 451-479. doi:[10.1207/s15516709cog0000_57](https://doi.org/10.1207/s15516709cog0000_57)
- Mitterer, H., & Ernestus, M. (2006). Listeners recover /t/s that speakers reduce: Evidence from /t/-lenition in Dutch. *Journal of Phonetics*, *34*, 73-103. doi:[10.1016/j.wocn.2005.03.003](https://doi.org/10.1016/j.wocn.2005.03.003)
- Mitterer, H., & Blomert, L. (2003). Coping with phonological assimilation in speech perception: Evidence for early compensation. *Perception & Psychophysics*, *65*, 956-969. doi:[10.3758/BF03194826](https://doi.org/10.3758/BF03194826)

Second-language acquisition

- Diaz, B., Mitterer, H., Broersma, M., Escera, C., & Sebastian-Gallés, N. (in press). Variability in L2 phonemic learning originates from speech-specific capabilities: An MMN study on late bilinguals. *Bilingualism: Language and Cognition*. doi:[10.1017/S1366728915000450](https://doi.org/10.1017/S1366728915000450)
- Diaz, B., Mitterer, H., Broersma, M., & Sebastian-Gallés, N. (2012). Individual differences in late bilinguals' L2 phonological processes: From acoustic-phonetic analysis to lexical access. *Learning and Individual Differences*, *66*, 680-689. doi:[10.1016/j.lindif.2012.05.005](https://doi.org/10.1016/j.lindif.2012.05.005)
- Escudero, P., Simon, E., & Mitterer, H. (2012). The perception of English front vowels by North Holland and Flemish listeners: Acoustic similarity predicts and explains cross-linguistic and L2 perception. *Journal of Phonetics*, *40*, 280-288. doi:[10.1016/j.wocn.2011.11.004](https://doi.org/10.1016/j.wocn.2011.11.004)
- Mitterer, H., & Tuinman A. (2012). The role of native-language knowledge in the perception of casual speech in a second language. *Frontiers in Psychology*, *3*, 249. doi:[10.3389/fpsyg.2012.00249](https://doi.org/10.3389/fpsyg.2012.00249)
- Oliver, G., Gullberg, M., Hellwig, F., Mitterer, H., & Indefrey, P. (2012). Acquiring L2 sentence comprehension: A longitudinal study of word monitoring in noise. *Bilingualism: Language and Cognition*, *15*, 841-857. doi:[10.1017/S1366728912000089](https://doi.org/10.1017/S1366728912000089)
- Hanulíková, A., Mitterer, H., & McQueen, J.M. (2011). Effects of first and second language on segmentation of non-native speech. *Bilingualism*, *14*, 506-521. doi:[10.1017/S1366728910000428](https://doi.org/10.1017/S1366728910000428)
- Mitterer, H., & McQueen, J.M. (2009). Foreign subtitles help but native-language subtitles harm foreign speech perception. *PLoS One*, *4*, A146-A150. doi:[10.1371/journal.pone.0007785](https://doi.org/10.1371/journal.pone.0007785)
- Escudero, P., Hayes-Harb, R., & Mitterer, H. (2008). Novel second-language words and asymmetric lexical access. *Journal of Phonetics*, *36*, 345-360. doi:[10.1016/j.wocn.2007.11.002](https://doi.org/10.1016/j.wocn.2007.11.002)

Perception and action

- Mitterer, H. (2014). Agreeing to disagree: Constant non-alignment of speech gestures in dialogue. *Xjenzá (Science)*, *2*, 8-14.
- Mitterer, H., & Müsseler, J. (2013). Regional accent variation in the shadowing task: Evidence for a loose perception-action coupling in speech. *Attention, Perception, & Psychophysics*, *75*, 557-575. doi:[10.3758/s13414-012-0407-8](https://doi.org/10.3758/s13414-012-0407-8)
- Brouwer, S., Mitterer, H., & Huettig, F. (2010). Shadowing reduced speech and alignment. *Journal of The Acoustical Society of America*, *128*, EL32-EL37. doi:[10.1121/1.3448022](https://doi.org/10.1121/1.3448022)
- Mitterer, H., & Ernestus, M. (2008). The link between speech perception and production is phonological and abstract: Evidence from the shadowing task. *Cognition*, *109*, 168-173. doi:[10.1016/j.cognition.2008.08.002](https://doi.org/10.1016/j.cognition.2008.08.002)
- De Ruiter, J.P., Mitterer, H., & Enfield, N.J. (2006). Projecting the end of a speaker's turn: A cognitive cornerstone of conversation. *Language*, *82*, 515-535. doi:[10.1353/lan.2006.0130](https://doi.org/10.1353/lan.2006.0130)

Mitterer, H., La Heij, W., & Van der Heijden, A.H.C. (2003). Stroop dilution but not word-processing dilution: evidence for attention capture. *Psychological Research/Psychologische Forschung*, 67, 30-42. doi:[10.1007/s00426-002-0108-3](https://doi.org/10.1007/s00426-002-0108-3)

Language impairments

Noordenbos, M.W., Segers, E., Serniclaes, W., Mitterer, H., & Verhoeven, L. (2013). Deviant neural processing of phonotactic probabilities in adults with dyslexia. *Neuroreport*, 24, 746-750. doi:[10.1097/WNR.0b013e328364b67c](https://doi.org/10.1097/WNR.0b013e328364b67c)

Noordenbos, M.W., Segers, E., Serniclaes, W., Mitterer, H., & Verhoeven, L. (2012). Allophonic mode of speech perception in children at risk for dyslexia: a longitudinal study. *Research in Developmental Disabilities*, 33, 1469-1483. doi:[10.1016/j.ridd.2012.03.021](https://doi.org/10.1016/j.ridd.2012.03.021)

Noordenbos, M.W., Segers, E., Serniclaes, W., Mitterer, H., & Verhoeven, L. (2012). Neural evidence of allophonic perception in children at risk for dyslexia. *Neuropsychologia*, 50, 2010-2017. doi:[10.1016/j.neuropsychologia.2012.04.026](https://doi.org/10.1016/j.neuropsychologia.2012.04.026)

Davids, N., Segers, E., van den Brink, D., Mitterer, H., van Balkom, H., Hagoort, P., & Verhoeven, L. (2011). The nature of auditory discrimination problems in children with specific language impairment: An MMN study. *Neuropsychologia*, 49, 19-28. doi:[10.1016/j.neuropsychologia.2010.11.001](https://doi.org/10.1016/j.neuropsychologia.2010.11.001)

Davids, N., van den Brink, D., van Turenout, M., Mitterer, H., & Verhoeven, L. (2009). Towards neurophysiological assessment of phonemic discrimination: Context effects of the mismatch negativity. *Clinical Neurophysiology*, 120, 1078-1086. doi:[10.1016/j.clinph.2009.01.018](https://doi.org/10.1016/j.clinph.2009.01.018)

Blomert, L., Mitterer, H., & Paffen, C. (2004). In search of the auditory, phonetic, and/or phonological problems in dyslexia: Context effects in speech perception. *Journal of Speech Language and Hearing Research*, 47, 1030-1047. doi:[10.1044/1092-4388\(2004/077\)](https://doi.org/10.1044/1092-4388(2004/077))

Blomert, L., & Mitterer, H. (2004). The fragile nature of the speech-perception deficit in dyslexia: Natural vs. synthetic speech. *Brain and Language*, 89, 21-26. doi:[10.1016/S0093-934X\(03\)00305-5](https://doi.org/10.1016/S0093-934X(03)00305-5)

Speech and other perceptual processes

Dingemanse, M., Schuerman, W., Reinisch, E., Tufvesson, S., & Mitterer, H. (in press). What sound symbolism can and cannot do. *Language*.

Mitterer, H., & Jesse, A. (2010). Correlation versus causation in multisensory perception. *Psychonomic Bulletin & Review*, 17, 329-334. doi:[10.3758/PBR.17.3.329](https://doi.org/10.3758/PBR.17.3.329)

Mitterer, H., Horschig, J.M., Müsseler, J., & Majid, A. (2009). The influence of memory on perception: It's not what things look like, it's what you call them. *Journal of Experimental Psychology: Learning Memory and Cognition*, 35, 1557-1562. doi:[10.1037/a0017019](https://doi.org/10.1037/a0017019)

Mitterer, H., & McQueen, J.M. (2009). Processing reduced word-forms in speech perception using probabilistic knowledge about speech production. *Journal of Experimental Psychology: Human Perception and Performance*, 35, 244-263. doi:[10.1037/a0012730](https://doi.org/10.1037/a0012730)

Mitterer, H., & de Ruiter, J.P. (2008). Recalibrating color categories using world knowledge. *Psychological Science*, 19, 629-634. doi:[10.1111/j.1467-9280.2008.02133.x](https://doi.org/10.1111/j.1467-9280.2008.02133.x)

• BOOKS & CHAPTERS

Mitterer, H., Huettig, F., & Brouwer, S. (in press). How important is prediction for understanding spontaneous speech?? In M. Clayards & O. Niebuhr (Eds.) *Rethinking Reduction*.

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COMMUNITY SERVICES

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