

# CURRICULUM VITAE

## Falk Huettig

### Date of birth:

18 May 1971 in Räckelwitz (Germany)

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## Current Positions

- W2 Senior Investigator, Max-Planck-Institute for Psycholinguistics, Nijmegen, Netherlands (since 2013)
- Honorary Professor, University of Kaiserslautern-Landau, Germany (since 2023)
- Invited Full Professor of Psychology, Department of Psychology, University of Lisbon, Portugal (since 2023)

## Past Academic Chairs

- Full Professor of Psycholinguistics and Cultural Cognition, Radboud University, Nijmegen, Netherlands (2019-2024)
- Visiting Professor, Free University Brussels, Brussels, Belgium (2020)
- Adjunct Professor, Zhejiang University, Hangzhou, China (2019-2021)
- Visiting Professor, University of Hyderabad, Hyderabad, India (2013-2015)

## Past Research Positions

- PI (Affiliated), Donders Institute for Brain, Cognition, and Behaviour, Nijmegen, Netherlands (2010-2022)
- Research Scientist, Max-Planck-Institute for Psycholinguistics, Nijmegen, Netherlands (2007- 2013)
- Post-doc, Department of Experimental Psychology, University of Ghent, Belgium (2005-2007)

## University Degrees

- Venia Legendi (Psychology), Habilitation, University of Münster, Germany (2013)

- PhD (Psychology), University of York, England, Advisors: Gerry Altmann, Phillip Quinlan (2004)
- MSc by Research (Psychology), with distinction, University of Edinburgh, Scotland (2001)
- BSc Biological Sciences (Psychology), First Class (Honours), University of Edinburgh, Scotland (2000)

## Selected Service

- Staff Representative of the MPI for Psycholinguistics in the Scientific Council ('*Wissenschaftlicher Rat*') and in the Humanities & Social Sciences Section ('*Geistes-Sozial- und Humanwissenschaftliche Sektion*') of the Max-Planck-Society (2009-2015)
- Member of the Ethics Commission of the German Linguistic Society ('*Deutsche Gesellschaft für Sprachwissenschaft*') DGfS (2012-2014)
- PhD Dean, Max-Planck-Institute for Psycholinguistics (2014-2022)
- President, Society for the Cognitive Science of Culture (2018-present)

## Editing

- **Editor-in-Chief:**  
*Journal of Cultural Cognitive Science* (2017-present)
- **Special Issue Editor:**  
*Brain Research* (2022-present)
- **Associate Editor:**  
*Frontiers in Cognition* (2015-2018)
- **Editorial Board:**
  - *Journal of Memory and Language* (2015-present)
  - *Journal of Cognition* (2017-present)
  - *Canadian Journal of Experimental Psychology* (2022-present)
- **Special Issues:**
  - 30 years visual world paradigm: The state of the art *Brain Research* (2024)
  - Recent advances in prediction in language processing research, *Brain Research* (2021)
  - The literate mind, *Journal of Cultural Cognitive Science* (2021)
  - Where next? The future of embodiment research, *Journal of Cognition* (2020)
  - Effects of literacy on cognition and brain functioning, *Language, Cognition, and Neuroscience* (2018)
  - Relationships between language production and comprehension, *Journal of Memory and Language* (2016)
  - Visual search and visual world: Interactions among visual attention, language, and working memory, *Acta Psychologica* (2011)
- **Edited Books:**
  - Mani, N. Mishra, R. K., & Huettig, F. (2018). *The Interactive Mind: Language, Vision and Attention*. Chennai: Macmillan.
  - Mishra, R. K., Srinivasan, N., & Huettig, F. (2015). *Attention and Vision in Language Processing*. Springer.

## Selected Grants

- Max Planck Society Strategic Innovation Grant: “A longitudinal study of structural and functional brain changes in illiterate adults as they learn to read Hindi scripts” (2010-2014)
- MPG Strategic Innovation Fund grant: “The impact of literacy and numeracy acquisition on cognitive functioning in illiterate adults - A longitudinal approach” (2014-2017)

## PhD Supervision

- **Susanne Brouwer** (awarded 2010; co-advisor: Holger Mitterer, MPI); Thesis: Processing strongly reduced forms in casual speech, Radboud University Nijmegen; (Top 3 of 2011 linguistics theses, short-listed for Anéla/AVT Dissertation Award of the Dutch Association of Linguistics and the Netherlands National Graduate School of Linguistics)
- **Joost Rommers** (awarded 2013; co-advisor: Antje Meyer, MPI); Thesis: Seeing what's next: Processing and anticipating language referring to objects, Radboud University Nijmegen; (cum laude, highest grade in Dutch system, top 10%)
- **Alastair Smith** (awarded 2015; co-advisor: Padraic Monaghan, Lancaster); Thesis: Modelling multimodal language processing, Radboud University Nijmegen; (cum laude, highest grade in Dutch system, top 10%)
- **Florian Hintz** (awarded 2015; co-advisor: Antje Meyer, MPI); Thesis: Predicting language in different contexts: The nature and limits of mechanisms in anticipatory language processing. Radboud University Nijmegen
- **Floor de Groot** (awarded 2016; VU Amsterdam; co-advisor: Chris Olivers, VU Amsterdam); Thesis: Looking, language, and memory: Testing a working memory model of language-attention interactions
- **Markus Ostarek** (awarded 2018); Thesis: Envisioning language: An exploration of perceptual processes in language processing, Radboud University Nijmegen; (cum laude, highest grade in Dutch system, top 10%)
- **Saoradh Favier** (awarded 2020; co-advisor: Antje Meyer, MPI); Thesis: Individual differences in syntactic knowledge and processing: Exploring the role of literacy experience, Radboud University Nijmegen
- **Gabriela Garrido** (current; co-advisors: Stephen Levinson, Penny Brown, Elisabeth Norcliffe, MPI); Provisional thesis title: The interface between sentence comprehension and dialogue in a Mayan language spoken in Mexico (Tzeltal)
- **Figen Karaca** (current, co-advisors: Susanne Brouwer & Sharon Unsworth, Radboud University); Provisional thesis title: Who Did What to Whom? An Investigation of Thematic Role Assignment in Turkish-Dutch Bilingual Children
- **Christopher Allison** (current, co-advisors: Thomas Lachmann, University of Kaiserslautern-Landau); Provisional thesis title: Assessing the Automaticity of Semantic Prediction

# Selected Teaching

## 2024

- *Lab Rotation* Master Cognitive Science, (University of Kaiserslautern-Landau Germany)

## 2023

- *Methods “Resting EEG-based classification”* Master Cognitive Science, (Lehrauftrag TU Kaiserslautern, Germany)

## 2022

- *Methods “Resting EEG-based classification”* Master Cognitive Science, (Lehrauftrag TU Kaiserslautern, Germany)

## 2021

- *LET-REMA-LCEX29: Psychology of Language and Cultural Cognition* course, MA Research (Centre for Language Studies, Radboud University Nijmegen, Netherlands)
- *Lab Rotation Cognition and Knowledge Module*, Master Cognitive Science (with Beck, TU Kaiserslautern, Germany)

## 2020

- *LET-REMA-LCEX29: Psychology of Language and Cultural Cognition* course, MA Research (Centre for Language Studies, Radboud University Nijmegen, Netherlands)
- *Lab Rotation Cognition and Knowledge Module*, Master Cognitive Science (with Beck, TU Kaiserslautern, Germany)

## 2019

- *LET-REMA-LCEX29: Psychology of Language and Cultural Cognition* course, MA Research (Centre for Language Studies, Radboud University Nijmegen, Netherlands)
- *Summer school “LingPhil Summer School Svalbard”*, 18-22 June (Svalbard, Norway)
- *Lab Rotation Cognition and Knowledge Module*, Master Cognitive Science (with Beck, TU Kaiserslautern, Germany)

## 2018

- *Trends in Cognitive Neuroscience* course, MSc Cognitive Neuroscience (Radboud University Nijmegen, Netherlands)
- *DGCN17: Sentence production and comprehension*, MSc Cognitive Neuroscience (Radboud University Nijmegen, Netherlands)

## 2017

- *Trends in Cognitive Neuroscience* course, MSc Cognitive Neuroscience (Radboud University Nijmegen, Netherlands)
- *DGCN17: Sentence production and comprehension*, MSc Cognitive Neuroscience (Radboud University Nijmegen, Netherlands)

## 2016

- *Trends in Cognitive Neuroscience* course, MSc Cognitive Neuroscience (Radboud University Nijmegen, Netherlands)

- *HAC-B-086 Bachelor honours course "Eloquent apes: the astonishing human capacity for language"* (Radboud University Nijmegen, Netherlands)
- *DGCN17: Sentence production and comprehension*, MSc Cognitive Neuroscience (Radboud University Nijmegen, Netherlands)

#### 2015

- *HAC-B-086 Bachelor honours course "Eloquent apes: the astonishing human capacity for language"* (Radboud University Nijmegen, Netherlands)
- *Summer school "Language Science: Current Methods and Interdisciplinary Perspectives"*, 3 - 7 August (Radboud University Nijmegen, Netherlands)
- *Spring school "MILANGUAGE Spring School of Language"*, 27 May - 29 May (University of Milano-Bicocca, Milan, Italy)
- *DGCN17: Sentence production and comprehension*, MSc Cognitive Neuroscience (Radboud University Nijmegen, Netherlands)

#### 2014

- *Autumn school "Methods in language comprehension"*, 13 - 16 November (Rovereto, University of Trento, Italy)
- *Summer school "Function of attention in cognition"*, 30 June - 4 July (University of Leipzig, Germany)
- *DGCN17: Language and the brain*, MSc Cognitive Neuroscience (Radboud University Nijmegen, Netherlands)

#### 2013

- *DGCN17: Language and the brain*, MSc Cognitive Neuroscience (Radboud University Nijmegen, Netherlands)

#### 2012

- *DGCN17: Language and the brain*, MSc Cognitive Neuroscience (Radboud University Nijmegen, Netherlands)
- *MPsy1001: The psychological reality of language*, Master in Psychology (Georg-August-University Göttingen, Germany)
- *050031: Einflüsse der Alphabetisierung (der Lese- und Schreibfähigkeit) auf die Verarbeitung von gesprochener Sprache (Effects of literacy on spoken language processing)*, Bachelor in Linguistics (Ruhr University Bochum, Germany)

#### 2011

- *DGCN17: Language and the brain*, MSc Cognitive Neuroscience (Radboud University Nijmegen, Netherlands)

## Ten Representative Publications

### **Literacy:**

- Araujo, S., Narang, V., Misra, D., Lohagan, N., Khan, O., Singh, A., Mishra, R. K., Hervais-Adelman, A., & Huettig, F. (2023). A literacy-related color-specific deficit in

rapid automatized naming: Evidence from neurotypical completely illiterate and literate adults. *Journal of Experimental Psychology: General*, 152(8), 2403-2409.

- Huettig, F., & Ferreira, F. (2023) The myth of normal reading. *Perspectives on Psychological Science*, 18(4), 863-870.
- Hervais-Adelman, A., Kumar, U., Mishra, R., Tripathi, V., Guleria, A., Singh, J. P., & Huettig, F. (2022). How does literacy affect speech processing? Not by enhancing cortical responses to speech, but by promoting connectivity of acoustic-phonetic and graphomotor cortices. *Journal of Neuroscience*, 42(47), 8826-8841.
- Van Paridon, J., Ostarek, M., Arunkumar, M., & Huettig, F. (2021). Does neuronal recycling result in destructive competition? The influence of learning to read on the recognition of faces. *Psychological Science*, 32, 459-465.
- Fernandes, T., Arunkumar, M., & Huettig, F. (2021). The role of the written script in shaping mirror-image discrimination: Evidence from illiterate, Tamil literate, and Tamil-Latin-alphabet bi-literate adults. *Cognition*, 206: 104493.
- Smith, A. C., Monaghan, P., & Huettig, F. (2021). The effect of orthographic systems on the developing reading system: Typological and computational analyses. *Psychological Review*, 128(1), 125-159.
- Hervais-Adelman, A., Kumar, U., Mishra, R. K., Tripathi, V. N., Guleria, A., Singh, J. P., Eisner, F., & Huettig, F. (2019). Learning to read recycles visual cortical networks without destruction. *Science Advances*, 5(9): eaax0262. doi:10.1126/sciadv.aax0262.
- Huettig, F., & Pickering, M. (2019). Literacy advantages beyond reading: Prediction of spoken language. *Trends in Cognitive Sciences*, 23(6), 464-475.
- Huettig, F., Lachmann, T., Reis, A., & Petersson, K. M. (2018). Distinguishing cause from effect - Many deficits associated with developmental dyslexia may be a consequence of reduced and suboptimal reading experience. *Language, Cognition and Neuroscience*, 33(3), 333-350.
- Skeide, M. A., Kumar, U., Mishra, R. K., Tripathi, V. N., Guleria, A., Singh, J. P., Eisner, F., & Huettig, F. (2017). Learning to read alters cortico-subcortical crosstalk in the visual system of illiterates. *Science Advances*, 5(3): e1602612.

## Ten Representative Publications

### **Prediction:**

- Huettig, F., Voeten, C. C., Pascual, E., Liang, J., & Hintz, F. (2023). Do autistic children differ in language-mediated prediction? *Cognition*, 239:105571.
- Huettig, F., Audring, J., & Jackendoff, R. (2022). A parallel architecture perspective on pre-activation and prediction in language processing. *Cognition*, 224:105050.
- Onnis, L., Lim, A., Cheung, S., & Huettig, F. (2022). Is the mind inherently predicting? Exploring forward and backward looking in language processing. *Cognitive Science*, 46(10): e13201.
- Huettig, F., & Guerra, E. (2019). Effects of speech rate, preview time of visual context, and participant instructions reveal strong limits on prediction in language processing. *Brain Research*, 1706, 196-208.

- Mantegna, F., Hintz, F., Ostarek, M., Alday, P. M., & Huettig, F. (2019). Distinguishing integration and prediction accounts of ERP N400 modulations in language processing through experimental design. *Neuropsychologia*, *134*, 1071-1099.
- Nieuwland, M. S., Politzer-Ahles, S., Heyselaar, E., Segaert, K., Darley, E., ... & Huettig, F. (2018). Large-scale replication study reveals a limit on probabilistic prediction in language comprehension. *eLife*, *7*, e33468. doi:10.7554/eLife.33468.
- Hintz, F., Meyer, A. S., & Huettig, F. (2017). Predictors of verb-mediated anticipatory eye movements in the visual world. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, *43*(9), 1352-1374.
- Huettig, F., & Janse, E. (2016). Individual differences in working memory and processing speed predict anticipatory spoken language processing in the visual world. *Language, Cognition and Neuroscience*, *31*(1), 80-93.
- Huettig, F., & Mani, N. (2016). Is prediction necessary to understand language? Probably not. *Language, Cognition and Neuroscience*, *31*(1), 19-31.
- Huettig, F. (2015). Four central questions about prediction in language processing. *Brain Research*, *1626*, 118-135.

## Ten Representative Publications

### Language & Vision:

- Ostarek, M., & Huettig, F. (2019). Six challenges for embodiment research. *Current Directions in Psychological Science*, *28*(6), 593-599.
- Ostarek, M., Joosen, D., Ishag, A., De Nijs, M., & Huettig, F. (2019). Are visual processes causally involved in “perceptual simulation” effects in the sentence-picture verification task? *Cognition*, *182*, 84-94.
- Smith, A. C., Monaghan, P., & Huettig, F. (2017). The multimodal nature of spoken word processing in the visual world: Testing the predictions of alternative models of multimodal integration. *Journal of Memory and Language*, *93*, 276-303.
- Ostarek, M., & Huettig, F. (2017). Spoken words can make the invisible visible – Testing the involvement of low-level visual representations in spoken word processing. *Journal of Experimental Psychology: Human Perception and Performance*, *43*, 499-508.
- De Groot, F., Huettig, F., & Olivers, C. N. L. (2016). When meaning matters: The temporal dynamics of semantic influences on visual attention. *Journal of Experimental Psychology: Human Perception and Performance*, *42*(2), 180-196.
- Mani, N., Johnson, E., McQueen, J. M., & Huettig, F. (2013). How yellow is your banana? Toddlers' language-mediated visual search in referent-present tasks. *Developmental Psychology*, *49*, 1036-1044.
- Huettig, F., Olivers, C. N. L., & Hartsuiker, R. J. (2011). Looking, language, and memory: Bridging research from the visual world and visual search paradigms. *Acta Psychologica*, *137*, 138-150.
- Huettig, F., & Altmann, G. (2011). Looking at anything that is green when hearing ‘frog’: How object surface colour and stored object colour knowledge influence language-mediated overt attention. *Quarterly Journal of Experimental Psychology*, *64*(1), 122-145.

- Huettig, F., & McQueen, J. M. (2007). The tug of war between phonological, semantic and shape information in language-mediated visual search. *Journal of Memory and Language*, 57(4), 460-482.
- Huettig, F., & Altmann, G. T. M. (2005). Word meaning and the control of eye fixation: Semantic competitor effects and the visual world paradigm. *Cognition*, 96(1), B23-B32.

## All publications

### Peer-reviewed journals

- Karaca, F., Brouwer, S., Unsworth, S., & Huettig, F. (2024). Morphosyntactic predictive processing in adult heritage speakers: Effects of cue availability and spoken and written language experience. *Language, Cognition and Neuroscience*, 39(1), 118-135.
- Huettig, F., Voeten, C. C., Pascual, E., Liang, J., & Hintz, F. (2023). Do autistic children differ in language-mediated prediction? *Cognition*, 239:105571.
- Ferreira, F. & Huettig, F. (2023). Fast and slow language processing: A window into dual-process models of cognition (commentary), *Behavioural and Brain Sciences*, 46:e121.
- Araujo, S., Narang, V., Misra, D., Lohagun, N., Khan, O., Singh, A., Mishra, R. K., Hervais-Adelman, A., & Huettig, F. (2023). A literacy-related color-specific deficit in rapid automatized naming: Evidence from neurotypical completely illiterate and literate adults. *Journal of Experimental Psychology: General*, 152(8), 2403-2409.
- Huettig, F., & Ferreira, F. (2023) The myth of normal reading. *Perspectives on Psychological Science*, 18(4), 863-870.
- Garrido Rodriguez, G., Norcliffe, E., Brown, P., Huettig, F., & Levinson, S. C. (2023). Anticipatory processing in a verb-initial Mayan language: Eye-tracking evidence during sentence comprehension in Tseltal. *Cognitive Science*, 47(1):e13292.
- Hervais-Adelman, A., Kumar, U., Mishra, R., Tripathi, V., Guleria, A., Singh, J. P., & Huettig, F. (2022). How does literacy affect speech processing? Not by enhancing cortical responses to speech, but by promoting connectivity of acoustic-phonetic and graphomotor cortices. *Journal of Neuroscience*, 42(47), 8826-8841.
- Huettig, F., Audring, J., & Jackendoff, R. (2022). A parallel architecture perspective on pre-activation and prediction in language processing. *Cognition*, 224:105050.
- Onnis, L., Lim, A., Cheung, S., & Huettig, F. (2022). Is the mind inherently predicting? Exploring forward and backward looking in language processing. *Cognitive Science*, 46(10): e13201.
- Lee, R., Chambers, C. G., Huettig, F., & Ganea, P. A. (2022). Children's and adult's use of fictional discourse and semantic knowledge for prediction in language processing. *PLoS One*, 17(4):e0267297.
- Liu, Y., Hintz, F., Liang, J., & Huettig, F. (2022). Prediction in challenging situations: Most bilinguals can predict upcoming semantically-related words in their L1 source language when interpreting. *Bilingualism: Language and Cognition*, 25(5), 801-815.
- Morey, R. D., Kaschak, M. P., Diez-Álamo, A. M., Glenberg, A. M., Zwaan, R. A., Lakens, D., Ibáñez, A., García, A., Gianelli, C., Jones, J. L., Madden, J., Alifano, F.,



- Bergen, B., Bloxson, N. G., Bub, D. N., Cai, Z. G., Chartier, C. R., Chatterjee, A., Conwell, E., Cook, S. W. and 25 more (2022). A pre-registered, multi-lab non-replication of the Action-sentence Compatibility Effect (ACE). *Psychonomic Bulletin & Review*, 29, 613-626. IF 5.536
- Araújo, S., Huettig, F., & Meyer, A. S. (2021). What underlies the deficit in rapid automatized naming (RAN) in adults with dyslexia? Evidence from eye movements. *Scientific Studies of Reading*, 25(6), 534-549. IF 2.91
  - Arunkumar, M., Van Paridon, J., Ostarek, M., & Huettig, F. (2021). Do illiterates have illusions? A conceptual (non)replication of Luria (1976). *Journal of Cultural Cognitive Science*, 5, 143-158.
  - Eviatar, Z., & Huettig, F. (2021). The literate mind. *Journal of Cultural Cognitive Science*, 5, 81-84.
  - Favier, S., & Huettig, F. (2021). Are there core and peripheral syntactic structures? Experimental evidence from Dutch native speakers with varying literacy levels. *Lingua*, 251: 102991. IF 0.719
  - Favier, S., & Huettig, F. (2021). Long-term written language experience affects grammaticality judgments and usage but not priming of spoken sentences. *Quarterly Journal of Experimental Psychology*, 74(8), 1378-1395. IF 2.488
  - Favier, S., Meyer, A. S., & Huettig, F. (2021). Literacy can enhance syntactic prediction in spoken language processing. *Journal of Experimental Psychology: General*, 150(10), 2167-2174. IF 4.913
  - Fernandes, T., Arunkumar, M., & Huettig, F. (2021). The role of the written script in shaping mirror-image discrimination: Evidence from illiterate, Tamil literate, and Tamil-Latin-alphabet bi-literate adults. *Cognition*, 206: 104493. IF 3.537
  - Onnis, L., & Huettig, F. (2021). Can prediction and retrodiction explain whether frequent multi-word phrases are accessed 'precompiled' from memory or compositionally constructed on the fly? *Brain Research*, 1772: 147674. IF 3.125
  - Hu, Y., Lv, Q., Pascual, E., Liang, J., & Huettig, F. (2021). Syntactic priming in illiterate and literate older Chinese adults. *Journal of Cultural Cognitive Science*, 5, 267-286.
  - Smith, A. C., Monaghan, P., & Huettig, F. (2021). The effect of orthographic systems on the developing reading system: Typological and computational analyses. *Psychological Review*, 128(1), 125-159. IF 6.857
  - Speed, L. J., Chen, J., Huettig, F., & Majid, A. (in press). Classifier categories reflect, but do not affect conceptual organization. *Journal of Experimental Psychology: Learning, Memory, and Cognition*. IF 2.319
  - Van Paridon, J., Ostarek, M., Arunkumar, M., & Huettig, F. (2021). Does neuronal recycling result in destructive competition? The influence of learning to read on the recognition of faces. *Psychological Science*, 32, 459-465. IF 4.902
  - Vágvölgyi, R., Bergström, K., Bulajić, A., Klätte, M., Fernandes, T., Grosche, M., Huettig, F., Rüsseler, J., & Lachmann, T. (2021). Functional illiteracy and developmental dyslexia: Looking for common roots. A systematic review. *Journal of Cultural Cognitive Science*, 5, 159-179.
  - Hintz, F., Meyer, A. S., & Huettig, F. (2020). Activating words beyond the unfolding sentence: Contributions of event simulation and word associations to discourse reading. *Neuropsychologia*, 141: 107409. doi:10.1016/j.neuropsychologia.2020.107409. IF 2.888

- Hintz, F., Meyer, A. S., & Huettig, F. (2020). Visual context constrains language-mediated anticipatory eye movements. *Quarterly Journal of Experimental Psychology*, 73(3), 458-467. doi:10.1177/1747021819881615. IF 2.488
- Nieuwland, M. S., Barr, D. J., Bartolozzi, F., Busch-Moreno, S., Darley, E., Donaldson, D. I., Ferguson, H. J., Fu, X., Heyselaar, E., Huettig, F., Husband, E. M., Ito, A., Kazanina, N., Kogan, V., Kohút, Z., Kulakova, E., Mézière, D., Politzer-Ahles, S., Rousselet, G., Rueschemeyer, S.-A., Segaert, K., Tuomainen, J., & Von Grebmer Zu Wolfsturn, S. (2020). Dissociable effects of prediction and integration during language comprehension: Evidence from a large-scale study using brain potentials. *Philosophical Transactions of the Royal Society of London, Series B: Biological Sciences*, 375: 20180522. doi:10.1098/rstb.2018.0522. IF 6.139
- Mantegna, F., Hintz, F., Ostarek, M., Alday, P. M., & Huettig, F. (2019). Distinguishing integration and prediction accounts of ERP N400 modulations in language processing through experimental design. *Neuropsychologia*, 134: 107199. doi:10.1016/j.neuropsychologia.2019.107199. IF 2.888
- Hervais-Adelman, A., Kumar, U., Mishra, R. K., Tripathi, V. N., Guleria, A., Singh, J. P., Eisner, F., & Huettig, F. (2019). Learning to read recycles visual cortical networks without destruction. *Science Advances*, 5(9): eaax0262. doi:10.1126/sciadv.aax0262. IF 13.116
- Ostarek, M., & Huettig, F. (2019). Six challenges for embodiment research. *Current Directions in Psychological Science*, 28(6), 593-599. doi:10.1177/0963721419866441. IF 4.673
- Araújo, S., Fernandes, T., & Huettig, F. (2019). Learning to read facilitates retrieval of phonological representations in rapid automatized naming: Evidence from unschooled illiterate, ex-illiterate, and schooled literate adults. *Developmental Science*, 22(4): e12783. doi:10.1111/desc.12783. IF 4.078
- Favier, S., Wright, A., Meyer, A. S., & Huettig, F. (2019). Proficiency modulates between- but not within-language structural priming. *Journal of Cultural Cognitive Science*, 3(suppl. 1), 105-124. doi:10.1007/s41809-019-00029-1.
- Nuthmann, A., De Groot, F., Huettig, F., & Olivers, C. L. N. (2019). Extrafoveal attentional capture by object semantics. *PLoS One*, 14(5): e0217051. doi:10.1371/journal.pone.0217051. IF 2.740
- Huettig, F., & Guerra, E. (2019). Effects of speech rate, preview time of visual context, and participant instructions reveal strong limits on prediction in language processing. *Brain Research*, 1706, 196-208. doi:10.1016/j.brainres.2018.11.013. IF 3.125
- Smalle, E., Szmalec, A., Bogaerts, L., Page, M. P. A., Narang, V., Misra, D., Araujo, S., Lohagan, N., Khan, O., Singh, A., Mishra, R. K., & Huettig, F. (2019). Literacy improves short-term serial recall of spoken verbal but not visuospatial items - Evidence from illiterate and literate adults. *Cognition*, 185, 144-150. doi:10.1016/j.cognition.2019.01.012. IF 3.537
- Ostarek, M., Joosen, D., Ishag, A., De Nijs, M., & Huettig, F. (2019). Are visual processes causally involved in “perceptual simulation” effects in the sentence-picture verification task? *Cognition*, 182, 84-94. doi:10.1016/j.cognition.2018.08.017. IF 3.537
- Huettig, F., & Pickering, M. (2019). Literacy advantages beyond reading: Prediction of spoken language. *Trends in Cognitive Sciences*, 23(6), 464-475. doi:10.1016/j.tics.2019.03.008. IF 15.402

- Huettig, F., Kolinsky, R., & Lachmann, T. (2018). The culturally co-opted brain: How literacy affects the human mind. *Language, Cognition and Neuroscience*, 33(3), 275-277. doi:10.1080/23273798.2018.1425803. IF 2.750
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## Selected talks/ conference presentations

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