

CURRICULUM VITAE

Prof. Dr. Pia Knoeferle

Department of German Studies and Linguistics
Humboldt-Universität zu Berlin
Unter den Linden 6, D-10099 Berlin, Germany

EMPLOYMENT / FACULTY FUNCTIONS, AFFILIATIONS, AND EDUCATION

2022-	Vice-dean research, Faculty of Language, Literature and the Humanities (https://fakultaeten.hu-berlin.de/de/sprachlit/dekanat)
2021-	Director, Central lab facilities, Faculty of Language, Literature and the Humanities https://fakultaeten.hu-berlin.de/de/sprachlit/forschung/zentrallabor/Zentrallabor
2018 - 2022	Department head, Department of German Studies and Linguistics, Humboldt-Universität zu Berlin
2016 -2018	Deputy department head, Department of German Studies and Linguistics, Humboldt-Universität zu Berlin
2018 -	Member of the Einstein Center for Neurosciences Berlin https://www.ecn-berlin.de/members/members.html
2017 -	Member of the Berlin School of Mind and Brain http://www.mind-and-brain.de/people/faculty/
Nov 2015 -	Professor of Psycholinguistics (W3, Humboldt-Universität zu Berlin)
Jan 2015 - Oct 2015	Associate Professor of Language and Cognition (W2, Bielefeld University, Germany)
Jan 2009 - Dec 2014	Assistant professor (W1, tenure track to W2) at the University of Bielefeld, EXC 277 CITEC and the Department of Linguistics, Bielefeld University, Germany
Jan 2007 - Dec 2008	Post-doctoral fellowship of the German Research Council (DFG) held at UC San Diego
Sept 2004 - Dec 2006	Researcher and then postdoc, Saarland University, Germany Project: Parallelism in Human Parsing (DFG)

EDUCATION

2005	PhD (“Philosophische Fakultät II: Sprach-, Literatur-, und Kulturwissenschaften), Dept. of Computational Linguistics and Phonetics, Psycholinguistics, PhD-thesis: “The role of visual scenes in spoken language comprehension: Evidence from eye tracking” (summa cum laude)
Sept 2002 - April 2003	Research stay at the University of Edinburgh, Dept. of Psychology
Sept 2001 - Feb 2005	PhD Student (scholarship Sept 2001 - Sept 2004) in the International Postgraduate College Language Technology and Cognitive Systems, Saarland University, Germany (DFG)
2001	M.A. in English Philology, Romance Studies, and Philosophy; State exam (1. Staatsexamen) in English, French, and Sports
Sept 1997 - June 1998	DAAD scholarship at the University of Aberdeen

GROUP MEMBERS AND ALUMNI

Postdoctoral	Katja Maquate		Affiliation and funding
	Valentina Pescuma		Humboldt-Universität zu Berlin SFB 1412 Register, Humboldt-Universität zu Berlin
PhD candidates (main advisor)	Huanyu Zhu		Chinese Scholarship Council, Humboldt-Universität zu Berlin
	Felipe von Hausen		DAAD scholarship, Humboldt-Universität zu Berlin
	“Adler” Yang Zhou		self-financing, Humboldt-Universität zu Berlin
	Dandan Li		Chinese Scholarship Council, Humboldt-Universität zu Berlin
	Leiling “Catherine” Li		Chinese Scholarship Council, Humboldt-Universität zu Berlin
Lab Technician	Angelina Tsiomou	Ioannidou-	Humboldt-Universität zu Berlin, Studienstiftung des dt. Volkes
	Dipl.-Ing. Schlieuwe	Carsten	(Humboldt-Universität zu Berlin)
	Ingrid Häfner		(Humboldt-Universität zu Berlin)
Office			
Affiliated staff	ZLab Lab technician		Central lab facilities (‘Zentrallabor’), https://fakultaeten.hu-berlin.de/de/sprachlit/forschung/zentrallabor
	Georg Lohfink		

COMPLETED MENTORING

Completed PhD theses: Natasha Janzen-Ulbricht (2nd advisor), Daniela Palleschi, Eva Maria Nunnemann, Thi Thu Huong Nguyen, Camilo Rodríguez Ronderos, Thomas Kluth, Julia Kröger, Alba Rodriguez, Katja Münster, Dato Abashidze, Ernesto Guerra (For published versions of the PhD theses, see the epub servers <https://edoc.hu-berlin.de/> and <https://pub.uni-bielefeld.de>)

Mentored postdocs: Helene Kreysa, Maria Nella Carminati, Michele Burigo, Aine Ito, Katja Maquate, Valentina Pescuma

Mentored assistant professors: Aine Ito, Tomas Kos, Agnes Villwock

FUNDING, AWARDS, AND FELLOWSHIPS

2024 - 2028	project C03 “Real-time register comprehension in adolescent heritage speakers’ languages”, in the SFB “Register” (Co-PIs: Dr. Natalia Gagarina, Dr. Katja Maquate)
2020 - 2024	project C03 “Situation-register congruence meets morphosyntax and verb-argument violations: Real-time and post-sentence comprehension” in the SFB “Register” (Co-PI: Dr. Maquate)
2021 - 2026	Laboratory know-how as shared resource (https://www.berlin-university-alliance.de/en/commitments/sharing-resources/shared-resources-center/completed_projects/index.html , Berlin University Alliance, Objective 5 “Sharing resources”)
2019 - 2025	DFG project “Effects of lifetime and fact knowledge in language comprehension” (DFG, 227.000 Euro)
2018	Grant for AMLaP 2018, https://amor.cms.hu-berlin.de/~knoeferp/AMLaP2018/Home.html (DFG)
2014 - 2019	1 PhD position, FoTeRo in SPP XPrag (126.000 Euro per PI, Co-PI: Dr. Skopeteas, DFG)
2016	0.5 WiMi Position, Gender measures, Humboldt-Universität zu Berlin
2013	1-month fellowship, ZIF Competition and priority control in mind & brain (Werner Schneider & Wolfgang Einhäuser-Trier)
2013-2016	1 PhD position, Multi-partner Marie Curie ITN LanPercept, ca. 230.000 Euro (ERC)
2012-2017	1 Postdoc and 2 PhD scholarships, EXC 277 CITEC, ca. 360.000 Euro
2012-2017	PI in the Excellence Center Cognitive Interaction Technology (24 PIs, DFG, ca. 5 Million per year)
2011	Workshop grant from the DFG (role of co-PI, HI-1090/3-1)
2011	Workshop grant from ZIF Bielefeld, 7.500 Euro
2010-2014	1 Postdoc, SFB 673, Alignment in Communication, ca. 280.000 Euro (DFG)
2009-2012	1 Postdoc and 2 PhD scholarships, ca. 360.000 Euro (EXC 277 CITEC)
2007- 2008	2-year post-doctoral fellowship of the German Research Council (DFG)
2006	Grant for the workshop Embodied sentence processing, http://embodiedlanguage.org/ (DFG)
2006	Eduard-Martin Prize for outstanding dissertations (Saarland University)

REVIEWING AND EDITORIAL ACTIVITIES

- **Member of the Review Board Linguistics 1.14** of the German Research Council, DFG (2024-2028)
- **Associate editor:** Cognitive Science (2018-)
- **Associate editor:** Frontiers in Language Psychology
- **Section Editor:** Cognitive Processing (2021-2025)
- **Associate editor:** Acta Psychologica (2021-2024)
- **Member of editorial board:** Acta Psychologica (2024-); Journal of Cultural Cognitive Sciences; Cognitive Processing (2018-2020)
- **Member of the Board of Reviewers** for Cognitive Science (journal, 2015-2017)
- **adhoc reviewed for journals** Scientific Reports, Cerebral Cortex, JEP: LMC, Language, Cognition & Neuroscience, Annals of the New York Academy of Sciences, Applied Psycholinguistics, Developmental Psychology, Cognitive Linguistics, Neural Networks, Psychological Science, PLoS One, Psychophysiology, Visual Cognition, Frontiers in Psychology, Cognitive Science, Brain and Language, Journal of Experimental Psychology: General, Psychonomic Bulletin & Review, Speech Communication, Journal of Cognitive Neuroscience, Acta Psychologica, Quarterly Journal of Experimental Psychology, Cognition, Cognitive Psychology, Brain Research, Learning and Individual Differences, Language and Cognitive Processes, Journal of Memory and Language, Lingua, Cognitive Systems Research, Cognitive Processing
- **adhoc reviewed for funding agencies:** Agence Nationale de Recherche (ANR), German Research Council (DFG), ESRC, NSF, Netherland Organization for Scientific Research, CHIST-ERA Call 2014 Evaluation Panel (Human Language Understanding)

COMMITTEE WORK

- 2022- Research data management committee, Sprach- und literaturwissenschaftliche Fakultät, Humboldt-Universität zu Berlin

- 2018 - 2022 Member of the doctoral committee ('Promotionsausschuss'), Sprach- und literaturwissenschaftliche Fakultät, Humboldt-Universität zu Berlin
- 2015- : Member of the ethics committee of the DGfS (German Society for Linguistics)
- 2013-2015: Member of the scientific board at EXC 277 CITEC
- 2013-2015: Member of the Bielefeld University ethics committee
- 2013-2015: Member of the board of directors, CITEC graduate school
- 2012-2015: Mitglied des Promotionsausschusses der Fakultät für Linguistik und Literaturwissenschaft / Member of the doctoral committee, Faculty of Linguistics and Literature, Bielefeld University
- 2012-2015 Mitglied des Beschwerdeausschusses der Fakultät für Linguistik und Literaturwissenschaft / Member of the appeals committee Faculty of Linguistics and Literature, Bielefeld University
- 2010-2014: Member of the board of directors, SFB 673

ORGANIZATION

- 2025: Workshop on Diversity in Large Speech and Language Models, with TU Berlin, Sebastian Möller, <https://www.tu.berlin/en/qu/ueber-uns/aktuelles/veranstaltungen/isca-itg-workshop>
- 2019: ESLP / Attlis, Humboldt-Universität zu Berlin, Germany (August 28-30, 2019), see <http://www.embodylanguage.org/>
- 2018: AMLaP (Sept 6-8, 2018), <https://amor.cms.hu-berlin.de/~knoeferp/AMLaP2018/Home.html>
- 2017: xPrag Workshop on Child language acquisition
- 2016: Psycholinguistics Colloquium, <https://amor.cms.hu-berlin.de/~knoeferp/styled-4/>
- 2016: Workshop on entrepreneurial skills, CITEC, Bielefeld University, Germany (Marie Curie ITN LanPercept)
- 2016: xPrag workshop on child language processing, see http://www.xprag.de/?page_id=2967
- 2015: SAGA workshop 2015 (with Bielefeld colleagues)
- 2014: CITEC Workshop ABLE workshop ("Action, brain, language and evolution")
- 2014: Eye tracking, linking hypotheses, and measures in language processing (Knoeferle & Burigo, invited Symposium at Kogwis 2014, Tübingen)
- 2014: Emotion and Language Processing (Carminati & Knoeferle, Symposium at Teap 2014, Giessen)
- 2013: Fully and semiautomatic annotation of scene videos (Essig, Pfeiffer, Knoeferle, Ritter, Schack, & Schneider, <http://saga.eyemovementresearch.com>)
- 2011: Embodied and situated language processing 4
- 2010: Symposium "Visual attention and gestures in language processing", Kogwis 2010 (Conference of the German Cognitive Science Society), Potsdam, Germany
- 2010: Conference on "Conceptual Structure, Discourse, and Language & Embodied and situated language processing" 3; with B Bergen at UC San Diego
- 2009/10: Research Colloquium on Language and Cognition, Bielefeld University, Germany
- 2009: Embodied and situated language processing 2 with R Zwaan (chair) & D Pecher
- 2006: Organizer of the ESP workshop Embodied sentence comprehension: behavioural neuropsychological, and computational perspectives, <http://www.embodylanguage.org/>

LIST OF PUBLICATIONS

EDITED VOLUMES

1. **Knoeferle, P.**, Adli, A., Fleischer, R., Tooley, K. M., & Lev-Ari, S. (ongoing). *Situational-functional variation in language processing, production, and use ('register') and its interaction with individual differences*, <https://www.sciencedirect.com/special-issue/321979/situational-functional-variation-in-language-processing-production-and-use-register-and-its-interaction-with-individual-differences> *Acta Psychologica*.
2. **Knoeferle, P.**, Mishra, R. K., & Peña, M. (2022). Socially Situated? Effects of Social and Cultural Context on Language Processing and Learning. *Frontiers in Psychology*. <https://www.frontiersin.org/research-topics/11426/socially-situated-effects-of-social-and-cultural-context-on-language-processing-and-learning>
3. **Knoeferle, P.**, Pykkönen-Klauck, P., & Crocker, M.W. (eds). (2016). *Visually Situated Language Comprehension* (Advances in Consciousness Research). John Benjamins. <https://edoc.hu-berlin.de/handle/18452/20649?locale-attribute=en>
4. **Knoeferle, P.**, Crocker, M. W., & Pulvermüller, F. (2010). Embodied language processing: neuroimaging, behavioural, and neurocomputational perspectives. *Brain and Language*, 112(3), 137-236. <https://www.sciencedirect.com/journal/brain-and-language/vol/112/issue/3>

LIST OF JOURNAL ARTICLES

1. **Knoeferle, P.** (2026). ChatGPT-simulated sentence plausibility in event contexts, with teens, younger and older adults, in fiction and newspaper texts. *Frontiers in Language Sciences*, 5, 1734306. <https://doi.org/10.3389/flang.2026.1734306>
2. Palleschi, D., Husband, M., & **Knoeferle, P.** (2026). Prior and new knowledge in language comprehension: referent lifetime status versus biographical accomplishments. *Acta Psychologica*, 265, 106579. <https://doi.org/10.1016/j.actpsy.2026.106579>
3. Palleschi, D., Rodriguez-Ronderos, C., & **Knoeferle, P.** (2026). Contrasting different context sources in processing lifetime-tense (in)congruence: Evidence from cumulative self-paced reading time experiments. *Language & Cognition*, <https://doi.org/10.5070/G6011.19481>
4. Pescuma, V.N. and Haneda K. and Ito A. and Maquate K. & **Knoeferle, P.** (2026). Eye-tracking context formality effects in German and Japanese sentence processing. *Scientific Reports*, 15, 44030. <https://doi.org/10.1038/s41598-025-23609-4>.
5. Palleschi, D., Rodriguez-Ronderos, C., & **Knoeferle, P.** (2025). Living in the present - how referent lifetime influences processing of past, present (perfect), and future tenses. *Glossa Psycholinguistics*, 4, <https://doi.org/10.5070/G6011.19481>
6. Pescuma, V., Maquate, K., Ronderos, C.R., Ito, A., & **Knoeferle, P.** (2024). Register and morphosyntactic congruence during sentence processing in German: An eye-tracking study. *Acta Psychologica*, 251, 104547, <https://doi.org/10.1016/j.actpsy.2024.104547>
7. Maquate, K., Patarroyo, A., Ioannidou-Tsiomou, A., & **Knoeferle, P.** (2024). Age differences in spoken language comprehension: Verb-argument and formality-register congruence influence real-time sentence processing. *Discourse Processes*, 1-23, <https://doi.org/10.1080/0163853X.2024.2424693>
8. Plesca, A-M., Maquate, K., & **Knoeferle, P.** (2024). Register and standard language knowledge in interaction. *Realis: Register Aspect of Language in Situation*. Humboldt-Universität zu Berlin. doi: <https://doi.org/10.18452/28042>
9. Wei, Y., & **Knoeferle, P.** (2023). Causal inference: relating language to event representations and events in the world. *Frontiers in Psychology*, 14, 1172928. doi:<https://doi.org/10.3389/fpsyg.2023.1172928>
10. Maquate, K., Kissler, J., & **Knoeferle, P.** (2023). Speakers' emotional facial expressions modulate subsequent multi-modal language processing: ERP evidence. *Language, Cognition, and Neuroscience*, 38(10), pp. 1492-1513. doi:<https://doi.org/10.1080/23273798.2022.2108089>
11. Nunnemann, E., Kreysa, H., & **Knoeferle, P.** (2023). The effects of referential gaze in spoken language comprehension: Human speaker vs. virtual agent listener gaze. *Frontiers in Communication*, 8, doi:<https://doi.org/10.3389/fcomm.2023.1029157>
12. Ito, A., Nguyen, T.T.H., & **Knoeferle, P.** (2023). German-dominant Vietnamese heritage speakers use semantic constraints of German for anticipation during comprehension in Vietnamese. *Bilingualism: Language and Cognition*, 1-18. doi:10.1017/S136672892300041X
13. Pescuma Valentina N., Serova Dina, Lukassek Julia, Sauermann Antje, Schäfer Roland, Adli Aria, Bildhauer Felix, Egg Markus, Hülk Kristina, Ito Aine, Jannedy Stefanie, Kordoni Valia, Kuehnast Milena, Kutscher Silvia, Lange Robert, Lehmann Nico, Liu Mingya, Lütke Beate, Maquate Katja, Mooshammer Christine,

- Mortezapour Vahid, Müller Stefan, Norde Muriel, Pankratz Elizabeth, Patarroyo Angela G., Pleşca Ana-Maria, Ronderos Camilo R., Rotter Stephanie, Sauerland Uli, Schnelle Gohar, Schulte Britta, Schüppenhauer Gediminas, Sell Bianca Maria, Solt Stephanie, Terada Megumi, Tsiapou Dimitra, Verhoeven Elisabeth, Weirich Melanie, Wiese Heike, Zaruba Kathy, Zeige Lars Erik, Lüdeling Anke, & **Knoeferle Pia** (2023). Situating language register across the ages, languages, modalities, and cultural aspects: Evidence from complementary methods. *Frontiers in Psychology*, 13, 964658, doi:10.3389/fpsyg.2022.964658.
14. Ito, A., & **Knoeferle, P.** (2022). Analysing data from the psycholinguistic visual-world paradigm: Comparison of different analysis methods. *Behavior Research Methods*, 55, 3461-3493. doi:<https://doi.org/10.3758/s13428-022-01969-3>
 15. Ronderos, C. R., Guerra, E., & **Knoeferle, P.** (2022). When sequence matters: the processing of contextually biased German verb-object metaphors. *Language and Cognition*, 15, 1-28. doi:<https://doi.org/10.1017/langcog.2022.22>
 16. Abashidze, D. & **Knoeferle, P.** (2021). Influence of actor's congruent and incongruent gaze on language processing. *Frontiers in Psychology*, 12:701742, doi: 10.3389/fpsyg.2021.701742
 17. Maquate K. & **Knoeferle, P.** (2021). The integration of social context versus linguistic reference during situated language processing *Frontiers in Psychology*, 12:547360. doi: 10.3389/fpsyg.2021.547360
 18. Ronderos, C. R., Guerra, E., & **Knoeferle, P.** (2021). The role of literal features during processing of novel verbal metaphors. *Frontiers in Psychology*, 11:556624, doi: 10.3389/fpsyg.2020.556624.
 19. **P. Knoeferle** (2021). Grounding language processing: The added value of specifying linguistic/compositional representations and processes *Journal of Cognition*, 4, 1-14, doi: 10.5334/joc.155.
 20. Maquate K. & **Knoeferle, P.** (2021). Referential versus non-referential world-language relations: How do they modulate language comprehension in 4-5-year-olds, younger, and older adults? *Frontiers in Psychology*, 3248, doi: <https://doi.org/10.3389/fpsyg.2020.542091>
 21. Abashidze, D., Carminati, M-N., & **Knoeferle, P.** (2019). Anticipating a future versus integrating a recent event?: Evidence from eye-tracking. *Acta Psychologica*, 200, 102916, doi.org/10.1016/j.actpsy.2019.102916
 22. **P. Knoeferle** (2019). Predicting (variability of) context effects in language comprehension. *Journal of Cultural Cognitive Science*, 3, 141-158.
 23. Kluth, T., Burigo, M., Schultheiss, H., & **Knoeferle, P.** (2019). Does Direction matter? Linguistic Asymmetries Reflected in Visual Attention. *Cognition*, 185, 91-120.
 24. Ronderos, C.R., Münster, K., Guerra, E., Kreysa, H., Rodriguez, A., Kröger, J., Kluth, T., Burigo, M., Abashidze, D., Nunnemann, N., & **Knoeferle, P.** (2018). Eye Tracking during visually situated language comprehension: flexibility and limitations in uncovering visual context effects. *Journal of Visualized Experiments*, 141, e57694, doi:10.3791/57694.
 25. Guerra, E., & **Knoeferle, P.** (2018). Semantic interference and facilitation: understanding the integration of spatial distance and conceptual similarity during sentence reading. *Frontiers in Psychology*, 9, 10.3389/fpsyg.2018.00718.
 26. Kreysa, H., Nunnemann, E., & **Knoeferle, P.** (2018). Distinct effects of different visual cues on sentence comprehension and later recall: The case of speaker gaze versus depicted actions. *Acta Psychologica*, 188, 220-229. doi: 10.1016/j.actpsy.2018.05.001
 27. Münster, K., & **Knoeferle, P.** (2018). Extending Situated Language Comprehension (Accounts) with Speaker and Comprehender Characteristics: Toward Socially Situated Interpretation. *Frontiers in Psychology*, 8, 10.3389/fpsyg.2017.02267.
 28. Guerra, E. & **Knoeferle, P.** (2017). Visually perceived spatial distance affects the interpretation of linguistically mediated social meaning during online language comprehension: An eye tracking reading study. *Journal of Memory & Language*, 92, 43-56.
 29. Münster, K. & **Knoeferle, P.** (2017). Situated language processing across the lifespan: A review. *International Journal of English Linguistics*, 7, 1-13.
 30. Carminati, M.N. & **Knoeferle, P.** (2016). Priming younger and older adults' sentence comprehension: Insights from dynamic facial expressions and pupil size measures. *The Open Psychology Journal*.
 31. Knoeferle, K. M., **Knoeferle, P.**, Velasco, C., & Spence, C. (2016). Multisensory Brand Search: How the Meaning of Sounds Guides Consumers' Visual Attention. *Journal of Experimental Psychology: Applied*, 22, 196-210.
 32. **Knoeferle, P.** (2016). Challenges and insights for situated language processing. Comment on "Towards a Computational Comparative Neuroprimatology: Framing the language-ready brain" by Michael A. Arbib. *Physics of Life Review*.
 33. **Knoeferle, P.** & Guerra, E. (2016). Visually situated language comprehension. *Language and Linguistics Compass*, 10, 66-82.
 34. Burigo, M., & **Knoeferle, P.** (2015). Visual attention during spatial language comprehension. *PLoS One*,

10(1): e0115758. doi:10.1371/journal.pone.0115758

35. **Knoeferle, P.**, Urbach, T., & Kutas, M. (2014). Different mechanisms for role relations versus verb-action congruence effects: Evidence from ERPs in picture-sentence verification. *Acta Psychologica*, 152, 133-148.
36. Guerra, E., & **Knoeferle, P.** (2014). Effects of object distance on incremental semantic interpretation: similarity is closeness. *Cognition*, 133, 535-552.
37. **Knoeferle, P.**, (2014). Conjunction meaning can modulate parallelism facilitation: Eye-tracking evidence from German clausal coordination *Journal of Memory and Language*, 75, 140-158.
38. Carminati, M.N., & **Knoeferle, P.** (2013). Effects of speaker emotional facial expression and listener age on incremental sentence processing. *PLoS ONE* 8(9): e72559. doi:10.1371/journal.pone.0072559.
39. **Knoeferle, P.** & Kreysa, H. (2012). Effects of speaker gaze on syntactic structuring. *Frontiers in Psychology*, 2:376. doi: 10.3389/fpsyg.2011.00376.
40. **Knoeferle, P.**, Carminati, M. N., Abashidze, D., & Essig, K. (2011). Preferential inspection of recent real-world events over future events: evidence from eye tracking during spoken sentence comprehension. *Frontiers in Psychology*, 2:376. doi: 10.3389/fpsyg.2011.00376
41. **Knoeferle, P.**, Urbach, T., & Kutas, M (2011). Comprehending visual context influences on incremental sentence comprehension: insights from ERPs and picture-sentence verification. *Psychophysiology*, 48, 495-506.
42. **Knoeferle, P.**, Crocker, M. W., Pulvermüller, F. (2010). Sentence processing and embodiment. *Brain and Language*, 112, 137-142.
43. Crocker, M. W., **Knoeferle, P.**, & Mayberry, M. (2010). Situated sentence processing: The coordinated interplay account and a neurobehavioural model. Special issue on Embodied Language Processing, *Brain and Language*, 112, 189-201.
44. **Knoeferle, P.**, & Crocker, M. W. (2009). The time course of syntactic and semantic parallelism: evidence from eye tracking. *Quarterly Journal of Experimental Psychology*, 62, 2338-2371. <http://www.informaworld.com/10.1080/17470910802174709>
45. Mayberry, M., Crocker, M.W., & **Knoeferle, P.** (2009). Learning to attend: A connectionist model of situated language comprehension. *Cognitive Science* 33, 449-496.
46. **Knoeferle, P.**, Habets, B., Crocker, M. W., Muentz, T.F. (2008). Visual scenes trigger immediate syntactic reanalysis: evidence from ERPs during situated spoken comprehension. *Cerebral Cortex*, 18, 789-795.
47. **Knoeferle, P.**, & Crocker, M.W. (2007). The influence of recent scene events on spoken comprehension: evidence from eye movements. *Journal of Memory and Language*, 57, 519-543.
48. **Knoeferle, P.**, & Crocker, M. W. (2006). The coordinated interplay of scene, utterance, and world knowledge: evidence from eye-tracking. *Cognitive Science*, 30, 481-529.
49. **Knoeferle, P.**, Crocker, M. W., Scheepers, C., & Pickering, M. J. (2005). The influence of the immediate visual context on incremental thematic role-assignment: evidence from eye-movements in depicted events. *Cognition*, 95, 95-127.

PEER-REVIEWED BOOK CHAPTERS

50. **Knoeferle, P.** (2025). Modeling effects of comprehenders' world knowledge on sentence processing. In: Kara D. Federmeier and Melissa Troyer (Eds.). *Language and knowledge (The Psychology of Learning and Motivation, Volume 83)* (pp. 155–194). Academic Press. <https://doi.org/10.1016/bs.plm.2025.07.001>
51. **Knoeferle, P.**, and Kreysa, H., & Pickering, M. (2018). Effects of a speaker's gaze on language comprehension and acquisition. In: Geert Brône and Bert Oben (Eds.) *Eye-tracking in interaction: Studies on the role of eye-gaze in dialogue*. (pp. 47-66). John Benjamins. <https://doi.org/10.1075/ais.10.03kno>
52. Münster, K. & **Knoeferle, P.** (2018). The Interactive Mind: Effects of Social Context on Language Processing. In: Mani, N., R. K. Mishra, and F. Huettig (eds). *The Interactive mind: Language, Vision and Attention*. Macmillan.
53. Kluth, T., Burigo, M., & **Knoeferle, P.** (2017). Modeling the Directionality of Attention During Spatial Language Comprehension. In J. van den Herik & J. Filipe (Eds.), *Lecture Notes in Computer Science: Vol. 10162. Agents and Artificial Intelligence* (pp. 283-301). Springer International Publishing. DOI: 10.1007/978-3-319-53354-4_16
54. **Knoeferle, P.** (2016). Characterising visual context effects: active, pervasive, but resource-limited. *Visually Situated Language Comprehension*. In: **Pia Knoeferle**, Pirita Pykkönen-Klauck, & Matthew W. Crocker (eds). *Visually Situated Language Comprehension* (Advances in Consciousness Research) (pp. 227-260). John Benjamins.
<https://benjamins.com/#catalog/books/aicr.93>
55. **Knoeferle, P.** (2015). Körper und Embodiment bei der Sprachverarbeitung - im Actionkino und in dialogzentrierten Filmen: Sinn und Sinnlichkeit (1995) versus Skyfall (2012). In: Heinz-Peter Preusser (ed.). *Sinnlichkeit und Sinn im Kino: Zur Interdependenz von Körperlichkeit und Textualität in der Filmrezeption*

(pp. 238-267). Schüren.

56. **Knoeferle, P.** (2015). Visually situated language comprehension in children and in adults. In: Mishra, R. K., Srinivasan, N., & Huettig, F. (Eds). *Attention and Vision in Language Processing (Springer Language and Cognition series)*. (pp. 57-75). Springer.
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