

CURRICULUM VITAE

Prof. Dr. Pia Knoeferle

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

1. EMPLOYMENT HISTORY, AFFILIATIONS, AND EDUCATION

- Nov 2015 -** Full professor of German Linguistics: Psycholinguistics (W3, 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/>)
- 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, EXEC 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), Department of Computational Linguistics and Phonetics, Psycholinguistics Group
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 Post-graduate 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

2. GROUP MEMBERS AND ALUMNI

Postdoctoral	Katja Maquate	(Humboldt-Universität zu Berlin)
	Aine Ito	(BUA, Project Lab Know-How, SC5, Humboldt-Universität zu Berlin)
	Valentina Pescuma	(SFB 1412 Register, Humboldt-Universität zu Berlin)
PhD candidates (main advisor)	Eva Nunnemann	(EXEC 277 CITEC, Bielefeld)
	Daniela Palleschi	(Einstein Center for Neurosciences Berlin, Berlin School of Mind and Brain, Humboldt-Universität zu Berlin)
	Angela Patarroyo	(SFB 1412 Register, Humboldt-Universität zu Berlin)
Alumni	Thi Thu Huong Nguyen	(2016-2021, Vietnamese Ministry of Education and Training, Humboldt Universität zu Berlin)
	Camilo Rodríguez Ronderos	(2016-2021, Humboldt-Universität zu Berlin, now at the University of Oslo)
	Thomas Kluth	(2014-2019, EXEC 277 CITEC, DFG, Bielefeld)
	Julia Kröger	(2014-2019, FoTeRo, SPP xPrag, DFG, Bielefeld)
	Alba Rodriguez	(2014-2018, Marie Curie ITN LanPercept, Bielefeld)
	Dato Abashidze	(2011-2016 EXEC 277 CITEC, Bielefeld; now at Leibniz-ZAS)
	Michele Burigo	(2010-2015 EXEC 277 CITEC, DFG, Bielefeld)
	Maria Nella Carminati	(2010-2014, SFB 673, DFG, Bielefeld)
	Ernesto Guerra	(2010-2014, Bielefeld, Stipend of the Chilean government; now at CIAE, Universidad de Chile)
	Helene Kreysa	(2009-2012 EXEC 277 CITEC Bielefeld, now at the University of Jena)

PhD theses (defended)

Thi Thu Huong Nguyen, Camilo Rodríguez Ronderos, Thomas Kluth, Julia Kröger, Alba Rodriguez, Katja Münster, Dato Abashidze, Ernesto Guerra

3. GRANTS, AWARDS, AND FELLOWSHIPS

2020 - 2024	project C03 in the SFB “Register” (Co-PI: Dr. Maquate)
2019 -	DFG project “Effects of lifetime and fact knowledge in language comprehension” (DFG, 227.000 Euro, 36 months)
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, EXEC 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 (EXEC 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)

5. REVIEWING AND EDITORIAL ACTIVITIES

- **Section Editor:** Cognitive Processing (2021-)
- **Associate editor:** Acta Psychologica (from 2021)
- **Associate editor:** Cognitive Science (from 2018)
- **Associate editor:** Frontiers in Language Sciences (from 2017)
- **Member of editorial board:** Cognitive Processing (2018-2020)
- **Member of editorial board:** Journal of Cultural Cognitive Sciences
- **Member of the Board of Reviewers** for Cognitive Science (journal, 2015-2017)
- **adhoc reviewed for journals** 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)

6. COMMITTEE WORK AND SERVICE

- 2018 - present: Department head, Department of German Studies and Linguistics, Humboldt-

- Universität zu Berlin (paused during sabbatical: summer 2021)
- 2016 -2018: Deputy department head, Department of German Studies and Linguistics, Humboldt-Universität zu Berlin
 - 2018 - 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 EXEC 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

7. ORGANIZATION

- 2019: ESLP / Attlis, Humboldt-Universität zu Berlin, Germany (August 28-30, 2019), see <http://www.embodiedlanguage.org/>
- 2018: AMLaP (Sept 6-8, 2018), <https://amor.cms.hu-berlin.de/knoeferp/AMLaP2018/Home.html>
- 2017: xPrag Workshop on Child language acquisition, http://amor.cms.hu-berlin.de/knoeferp/Homepage_Psycholinguistics/xPrag_Workshop.html
- 2016: Psycholinguistics Colloquium, https://amor.cms.hu-berlin.de/knoeferp/Homepage_Psycholinguistics/Psych_Colloquium.html
- 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, <http://saga.eyemovementresearch.com>)
- 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.embodiedlanguage.org/>

4. LIST OF PUBLICATIONS

I. EDITED VOLUMES

1. **Knoeferle, P.**, Mishra, R. K., & Peña, M. (to appear). Socially Situated? Effects of Social and Cultural Context on Language Processing and Learning. *Frontiers in Psychology*.
2. **Knoeferle, P.**, Pyykkönen-Klauck, P., & Crocker, M.W. (eds). (2016). *Visually Situated Language Comprehension* (Advances in Consciousness Research). John Benjamins.
3. **Knoeferle, P.**, Crocker, M. W., & Pulvermüller, F. (2010). Embodied language processing: neuroimaging, behavioural, and neurocomputational perspectives. *Brain and Language*, *112*(3), 137-236.

II. LIST OF JOURNAL ARTICLES

1. Maquate K. & **Knoeferle, P.** (2021). The integration of social context versus linguistic reference during situated language processing *Frontiers in Psychology*.
2. 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.
3. **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.
4. 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:10.3389/fpsyg.2020.542091.
5. Abashidze, D., Carminati, M-N., & **Knoeferle, P.** (2019). Anticipating a future versus integrating a recent event?: Evidence from eye-tracking. *Acta Psychologica, Article 102916*, <https://doi.org/10.1016/j.actpsy.2019.102916>.
6. **P. Knoeferle** (2019). Predicting (variability of) context effects in language comprehension. *Journal of Cultural Cognitive Science*, *3*, 141-158.
7. Kluth, T., Burigo, M., Schultheiss, H., & **Knoeferle, P.** (2019). Does Direction matter? Linguistic Asymmetries Reflected in Visual Attention. *Cognition*, *185*, 91-120.
8. 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.
9. 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.
10. 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
11. 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.
12. 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.
13. Münster, K. & **Knoeferle, P.** (2017). Situated language processing across the lifespan: A review. *International Journal of English Linguistics*, *7*, 1-13.
14. 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*.
15. 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.
16. **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*.
 17. **Knoeferle, P.** & Guerra, E. (2016). Visually situated language comprehension. *Language and Linguistics Compass*, 10, 66-82.
 18. Burigo, M., & **Knoeferle, P.** (2015). Visual attention during spatial language comprehension. *PLoS One*, 10(1): e0115758. doi:10.1371/journal.pone.0115758
 19. **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.
 20. Guerra, E., & **Knoeferle, P.** (2014). Effects of object distance on incremental semantic interpretation: similarity is closeness. *Cognition*, 133, 535-552.
 21. **Knoeferle, P.**, (2014). Conjunction meaning can modulate parallelism facilitation: Eye-tracking evidence from German clausal coordination *Journal of Memory and Language*, 75, 140-158.
 22. 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.
 23. **Knoeferle, P.** & Kreysa, H. (2012). Effects of speaker gaze on syntactic structuring. *Frontiers in Psychology*, 2:376. doi: 10.3389/fpsyg.2011.00376.
 24. **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
 25. **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.
 26. **Knoeferle, P.**, Crocker, M. W., Pulvermueller, F. (2010). Sentence processing and embodiment. *Brain and Language*, 112, 137-142.
 27. 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.
 28. **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/10.1080/17470210902790070>
 29. Mayberry, M., Crocker, M.W., & **Knoeferle, P.** (2009). Learning to attend: A connectionist model of situated language comprehension. *Cognitive Science* 33, 449-496.
 30. **Knoeferle, P.**, Habets, B., Crocker, M. W., Munte, T.F. (2008). Visual scenes trigger immediate syntactic reanalysis: evidence from ERPs during situated spoken comprehension. *Cerebral Cortex*, 18, 789-795.
 31. **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.
 32. **Knoeferle, P.**, & Crocker, M. W. (2006). The coordinated interplay of scene, utterance, and world knowledge: evidence from eye-tracking. *Cognitive Science*, 30, 481-529.
 33. **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.

III. PEER-REVIEWED BOOK CHAPTERS

34. **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>
35. 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.
36. 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
37. **Knoeferle, P.** (2016). Characterising visual context effects: active, pervasive, but resource-limited. *Visually Situated Language Comprehension*. In: **Pia Knoeferle**, Pirta Pyykkönen-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>
38. **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.
39. **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.
40. **Knoeferle, P.** (2015). Language comprehension in rich non-linguistic contexts: Combining eye tracking and event-related brain potentials. In: Roel, Williams (Ed.). *Towards a cognitive neuroscience of natural language use*. (pp. 77-100). Cambridge: Cambridge University Press.
41. **Knoeferle, P.** & Guerra, E. (2012). What's non-linguistic visual context? - A view from language comprehension. In: Rita Finkbeiner, Jörg Meibauer, & Petra Schuhmacher (eds) *What is a context? Linguistic approaches and challenges* (pp. 129-149). Amsterdam: John Benjamins.
42. A. Weber, M. W. Crocker & **P. Knoeferle** (2010). "Conflicting constraints in resource adaptive sentence comprehension", In: M. W. Crocker & J. Siekmann (eds) *Resource Adaptive Cognitive Processes*, (pp. 119-141). Springer India.
43. **Knoeferle, P.** & Crocker, M.W. (2008). The coordinated processing of scene and utterance: evidence from eye tracking. In: N. Srinivasan, Gupta A.K., & Pandey J. *Advances in Cognitive Science* (?). Sage Publishers.
44. **Knoeferle, P.** (2007). Comparing the time-course of processing initially ambiguous and unambiguous German SVO/OVS sentences in depicted events. In: R. van Gompel, M. Fischer, W. Murray, & Robin Hill (eds). *Eye-movement Research* (pp. 517-533). Elsevier.

IV. PEER-REVIEWED 6-8 PAGE CONFERENCE PAPERS

45. Ronderos, C.R., Guerra, E., & **Knoeferle, P.** (2020). The processing of German verb-object metaphors. In: *Proceedings of the 42nd Annual Meeting of the Cognitive Science Society* (pp. 3384-3390). Toronto, Canada: Cognitive Science Society.
46. Palleschi, D., Ronderos, C.R., **Knoeferle, P.** (2020). Effects of linguistic context and world knowledge on the processing of tense and aspect: evidence from eye-tracking. In: *Proceedings of the 42nd Annual Meeting of the Cognitive Science Society* (pp. 3363-3369). Toronto, Canada: Cognitive Science Society.
47. Kröger, Julia, Münster, K., Burigo & Knoeferle, P. (2018). Wiggle, wiggle, wiggle: How visual cues influence thematic role assignment in children and adults. In: *Proceedings of the*

- 40th Annual Meeting of the Cognitive Science Society* (pp. 1969-1974). Austin, TX: Cognitive Science Society.
48. Kröger, Julia, Münster, K., & Knoeferle, P. (2017). The influence of prosody and case marking on thematic role assignment in ambiguous action scenes: adults versus children. In: *Proceedings of the 39th Annual Meeting of the Cognitive Science Society* (pp. 2463-2468). Austin, TX: Cognitive Science Society.
 49. Abashidze, D., & Knoeferle, P. 2017. Action and actor gaze mismatch effects during spoken sentence processing. *Proceedings of the 39th Annual Meeting of the Cognitive Science Society*. Austin, TX: Cognitive Science Society, London, UK.
 50. Kluth, T., Burigo, M., & Knoeferle, P. (2016). Shifts of Attention During Spatial Language Comprehension: A Computational Investigation. *Proceedings of the 8th International Conference on Agents and Artificial Intelligence (ICAART 2016)*, 2, 213-222. DOI: 10.5220/0005851202130222
 51. Kluth, T., Burigo, M., Schultheis, H., & Knoeferle, P. (2016). The role of the center-of-mass in evaluating spatial language. In *Proceedings of the 13th Biannual Conference of the German Society for Cognitive Science. Bremen, Germany*. (Talk presented at the 13th Biannual Conference of the German Society for Cognitive Science).
 52. Kluth, T., Burigo, M., & Knoeferle, P. (2016). Investigating the parameter space of cognitive models of spatial language comprehension. In *5. interdisziplinärer Workshop Kognitive Systeme: Mensch, Teams, Systeme und Automaten. Bochum, Germany*. (Talk presented at the 5. interdisziplinärer Workshop Kognitive Systeme: Mensch, Teams, Systeme und Automaten)
 53. Özge, D., Kornfilt, J., Münster, K., **Knoeferle, P.**, Küntay, A., & Snedeker, J. (2016). Predictive Use of Case Markers in German Children. In Jennifer Scott & Deb Waughtal (eds). *BUCLD 40: Proceedings of the 40th Annual Boston University Conference on Language Development* (pp. 291-303). Cascadilla Press: Somerville, Massachusetts, USA.
 54. Rodriguez, A., & **Knoeferle, P.** (2016). Visual constraints modulate stereotypical predictability of agents during situated language comprehension. *Proceedings of the 38th Annual Meeting of the Cognitive Science Society* (pp. 580-585). Austin, TX: Cognitive Science Society.
 55. Kluth, T., Burigo, M., & **Knoeferle, P.** (2016). Shifts of Attention During Spatial Language Comprehension: A Computational Investigation. In: *Proceedings of the 8th International Conference on Agents and Artificial Intelligence (ICAART 2016)* (pp. 213-222). Rome, Italy: SCITEPRESS Science and Technology Publications.
 56. Abashidze, D., **Knoeferle, P.**, & Carminati, M.N. (2015). Eye-tracking situated language comprehension: Immediate actor gaze versus recent action events. *Proceedings of the 37th Annual Meeting of the Cognitive Science Society* (pp. 31-36). Austin, TX: Cognitive Science Society.
 57. Rodriguez, A., Burigo, M., & Knoeferle, P. (2015). Visual gender cues elicit agent expectations: different mismatches in situated language comprehension. In G. Airenti, B. G. Bara, & G. Sandini (Eds.), *CEUR Workshop Proceedings: Vol. 1419. Proceedings of the EuroAsian-Pacific Joint Conference on Cognitive Science (EAPCogSci 2015)* (pp. 234-239). Aachen.
 58. Coulson, S., Davenport, T., **Knoeferle, P.**, & Creel, S. (2015). Time Course of Metaphor Comprehension in the Visual World. *Proceedings of the 37th Annual Meeting of the Cognitive Science Society* (pp. 465-470). Austin, TX: Cognitive Science Society.
 59. Rodriguez, A., Burigo, M., & **Knoeferle, P.** (2015). Visual gender cues elicit agent expectations: different mismatches in situated language comprehension. *Proceedings of the EuroAsian-Pacific Joint Conference on Cognitive Science (EAPCogSci 2015)*, 1419, 234-239.
 60. Münster, K., Carminati, M. N., & **Knoeferle, P.** (2015). The Effect of Facial Emotion and Action Depiction on Situated Language Processing. In *Proceedings of the 37th Annual Meeting of the Cognitive Science Society* (pp. 1673-1678). Austin, TX: Cognitive Science Society.
 61. Abashidze, D., **Knoeferle, P.**, & Carminati, M.N. (2014). How robust is the recent-event

- preference. In: Paul Bello, Marcello Guarini, Marjorie McShane & Brian Scassellati (eds). *Proceedings of the 36th Annual Meeting of the Cognitive Science Society*, (pp. 92-97). Austin, TX: Cognitive Science Society.
62. Burigo, M., & **Knoeferle, P.** (2014). Keeping the eyes on a fixation point modulates how a symbolic cue orients covert attention. In: Paul Bello, Marcello Guarini, Marjorie McShane & Brian Scassellati (eds). *Proceedings of the 36th Annual Meeting of the Cognitive Science Society*, (pp. 278-283). Austin, TX: Cognitive Science Society.
63. Guerra, E., Huettig, F., & **Knoeferle, P.** (2014). Assessing the time course of the influence of featural, distributional and spatial representations during reading. In: Paul Bello, Marcello Guarini, Marjorie McShane & Brian Scassellati (eds). *Proceedings of the 36th Annual Meeting of the Cognitive Science Society*, (pp. 2309-2314). Austin, TX: Cognitive Science Society.
64. Kreysa, H., **Knoeferle, P.**, & Nunnemann, E. (2014). Effects of speaker gaze versus depicted actions on visual attention during sentence comprehension. In: Paul Bello, Marcello Guarini, Marjorie McShane & Brian Scassellati (eds). *Proceedings of the 36th Annual Meeting of the Cognitive Science Society*, (pp. 2513-2518). Austin, TX: Cognitive Science Society.
65. Münster, K., Carminati, M.N. & **Knoeferle, P.** (2014). How Do Static and Dynamic Emotional Faces Prime Incremental Semantic Interpretation?: Comparing Older and Younger Adults. In: Paul Bello, Marcello Guarini, Marjorie McShane & Brian Scassellati (eds). *Proceedings of the 36th Annual Meeting of the Cognitive Science Society*, (pp. 2675-2680). Austin, TX: Cognitive Science Society.
66. Guerra, E., & **Knoeferle, P.** (2014). Spatial distance modulates reading times for sentences about social relations: evidence from eye tracking. In: Paul Bello, Marcello Guarini, Marjorie McShane & Brian Scassellati (eds). *Proceedings of the 36th Annual Meeting of the Cognitive Science Society*, (pp. 2315-2320). Austin, TX: Cognitive Science Society.
67. Boukricha, H., Wachsmuth, I., Carminati, M.N., & **Knoeferle, P.** (2013). A Computational Model of Empathy: Empirical Evaluation. In: 2013 Humaine Association Conference on Affective Computing and Intelligent Interaction. Institute of Electrical and Electronics Engineers (IEEE): 1-6.
68. Boukricha, H., Wachsmuth, I., Carminati, M.N., & **Knoeferle, P.** (2013). Empathy and its Modulation in a Virtual Human. In: Ingo Thimm and Matthias Thimm (eds). *KI 2013: Advances in Artificial Intelligence (Lecture Notes in Computer Science)*, 8077 (pp. 25-36). Berlin: Springer.
69. Carminati, M-N., & **Knoeferle, P.** (2013). Emotional priming of sentence comprehension: effects of a speaker's static emotional expression and listener age. In M. Knauff, M. Pauen, N. Sebanz, & I. Wachsmuth (Eds.), *Proceedings of the 35th Annual Meeting of the Cognitive Science Society* (pp. 1976-1981). Austin, TX: Cognitive Science Society.
70. Guerra, E., Marghetis, T., & **Knoeferle, P.** (2013). Spatial meanings for function words? The link between conjunctions and spatial representations. In: Knauff, M., Pauen, M., Sebanz, N., & Wachsmuth, I. (Eds), *Proceedings of the 35th Annual Meeting of the Cognitive Science Society* (pp. 2458-2463), Austin, TX: The Cognitive Science Society.
71. Kreysa H, **Knoeferle P.** (2013). Reference-related speaker gaze as a cue in online sentence processing. In A. Kluge & D. Söffker (Eds.): *Menschen, Teams, Systeme und Automaten*. Duisburg: DuEPublico.de.
72. Guerra, E. & **Knoeferle, P.** (2012). Abstract language comprehension is incrementally modulated by non-referential spatial information: evidence from eye-tracking. In: Naomi Miyake, David Peebles, & Richard P. Cooper, *Proceedings of the Annual Meeting of the Cognitive Science Society* (pp. 1620-1625), Boston, USA: The Cognitive Science Society.
73. Zhang, Lu & **Knoeferle, P.** (2012). Visual Context Effects on Thematic Role Assignment in Children versus Adults: Evidence from Eye Tracking in German. In: Naomi Miyake, David Peebles, & Richard P. Cooper, *Proceedings of the Annual Meeting of the Cognitive Science Society* (pp. 2593-2598), Boston, USA: The Cognitive Science Society.
74. Zhang, Lu, Kornbluth, L., & **Knoeferle, P.** (2012). The role of recent versus future events

- in children's comprehension of referentially ambiguous sentences: Evidence from eye tracking. In: Naomi Miyake, David Peebles, & Richard P. Cooper, *Proceedings of the Annual Meeting of the Cognitive Science Society* (pp. 1227-1232), Boston, USA: The Cognitive Science Society.
75. Kreysa, H., & **Knoeferle, P.** (2011). Effects of speaker gaze on spoken language comprehension: task matters. *Proceedings of the Annual Meeting of the Cognitive Science Society* (pp. 1557-1562), Boston, USA: The Cognitive Science Society.
76. Burigo, M., & **Knoeferle, P.** (2011). Visual attention during spatial language comprehension: Is a referential linking hypothesis enough? *Proceedings of the Annual Meeting of the Cognitive Science Society* (pp. 919-924), Boston, USA: The Cognitive Science Society.
77. Kreysa, H., & **Knoeferle, P.** (2011). Peripheral speaker gaze facilitates spoken language comprehension: syntactic structuring and thematic role assignment in German. Paper presented at the European Conference of the Cognitive Science Society.
78. Abashidze, D., **Knoeferle, P.**, Carminati, M., & Essig, K. (2011). The role of recent real-world versus future events in the comprehension of referentially ambiguous sentences: Evidence from eye tracking. Paper presented at the European Conference of the Cognitive Science Society.
79. **Knoeferle, P.**, Urbach, T., & Kutas, M. (2010). Verb-action versus role relations congruence effects: Evidence from ERPs in sentence-picture verification. In S. Ohlsson and R. Catrambone (Eds.), *Proceedings of the 30th Annual Conference of the Cognitive Science Society* (p. 2446-2451). Austin, TX: Cognitive Science Society.
80. **Knoeferle, P.**, Urbach, T., & Kutas, M. (2009). Is incremental semantic interpretation related to end-of-sentence verification?: Evidence from correlation analyses. In: Niels Taatgen, Hedderik van Rijn, Lambert Schomaker & John Nerbonne (Eds.), *Proceedings of the 31th Annual Conference of the Cognitive Science Society* (pp. 1127-1132). Austin, TX: Cognitive Science Society Inc.
81. Ellsiepen, E., **Knoeferle, P.**, & Crocker, M.W. (2008). Incremental syntactic disambiguation using depicted events: plausibility, co-presence and dynamic presentation. In B. C. Love, K. McRae, & V. M. Sloutsky (Eds.), *Proceedings of the 30th Annual Conference of the Cognitive Science Society* (pp. 2398-2403). Austin, TX: Cognitive Science Society.
82. Apel, J., **Knoeferle, P.**, & Crocker, M.W. (2007). Processing Parallel Structure: Evidence from Eye-Tracking and a Computational Model. In: *Proceedings of Euro Cogsci*, (pp. 125-131). Delphi, Greece.
83. Mayberry, M., Crocker, M. W., & **Knoeferle, P.** (2006). A connectionist model of the coordinated interplay of scene, utterance, and world knowledge. In: *Proceedings of the 27th Annual Conference of the Cognitive Science Society*, (pp.567-572). Vancouver, Canada.
84. **Knoeferle, P.**, & Crocker, M.W. (2006). Accessibility of depicted events influences their priority in spoken comprehension. In: *Proceedings of the 27th Annual Conference of the Cognitive Science Society*, (pp. 1623-1628). Vancouver, Canada.
85. **Knoeferle, P.**, & Crocker, M. W. (2005). Incremental Effects of Mismatch during Picture-Sentence Integration: Evidence from Eye-tracking (Talk). In: *Proceedings of the 26th Annual Conference of the Cognitive Science Society* (pp. 1166-1171), Stresa, Italy.
86. Mayberry, M., Crocker, M. W., & **Knoeferle, P.** (2005). A Connectionist Model of Anticipation in Visual Worlds. In: Robert Dale, Kam-Fai Wong, Jian Su, Oi Yee Kwong (eds) *Proceedings of the Second International Joint Conference on Natural Language Processing (Lecture Notes in Computer Science)*. (pp. 849-861). Berlin: Springer.
87. Mayberry, M., Crocker, M. W. , & **Knoeferle, P.** (2005). A Connectionist Model of Sentence Comprehension in Visual Worlds (Talk). In: *Proceedings of the 26th Annual Conference of the Cognitive Science Society* (pp. 1437-1442), Stresa, Italy.
88. Mayberry, M., Crocker, M.W., & **Knoeferle, P.** (2005). A Connectionist Model of Language-Scene Interaction. In: Proceedings of the ACL Workshop Psychocomputational Models of Human Language Acquisition.
89. **Knoeferle, P.**, & Crocker, M. W. (2004a). Stored knowledge versus depicted events: what

- guides auditory sentence comprehension? (Talk) In: *Proceedings of the 25th Annual Conference of the Cognitive Science Society* (pp. 714-719), Mahwah, NJ: Lawrence Erlbaum.
90. **Knoeferle, P.** & Crocker, M. W. (2004b). The coordinated processing of scene and utterance: evidence from eye-tracking in depicted events. (Talk). In: *Proceedings of the International Conference on Cognitive Science* (pp. 217-222), Allahabad, India.
91. **Knoeferle, P.**, Crocker, M. W., Scheepers, C., & Pickering, M. J. (2003). Actions and roles: using depicted events for disambiguation and reinterpretation in German and English (Talk). In: R. Altermann & D. Kirsh, *Proceedings of the 25th Annual Conference of the Cognitive Science Society*, (pp. 681-686). Boston, MA: The Cognitive Science Society.