

# JUN.-PROF. DR. TITUS VON DER MALSBURG

## CURRICULUM VITAE

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## Academic employment

2021 –	<b>University of Stuttgart</b> , Junior Professor (tenure track) for Psycholinguistics and Cognitive Modeling Institute of Linguistics <i>Positive interim evaluation in Jan 2025.</i>
2017 – 2022	<b>Massachusetts Institute of Technology</b> , Research Affiliate Department Brain and Cognitive Sciences
2018 – 2021	<b>University of Potsdam</b> , Researcher and Lecturer Department of Linguistics
04 – 08/2019	– <b>Parental leave</b> –
2016 – 2018	<b>University of Potsdam</b> , Visiting Professor for Psycho- and Neurolinguistics Department of Linguistics
2014 – 2016	<b>UC San Diego</b> , Research Fellow Department of Psychology, Department of Linguistics Funded through two-year grant awarded to me by the Alexander von Human Foundation Supervisors: Keith Rayner, Roger Levy
2014	<b>University of Oxford</b> , Research Associate St John's College, Department of Experimental Psychology Supervisor: Kate Nation
2012 – 2013	<b>University of Potsdam</b> , Postdoctoral Researcher DFG Research Group 868: <i>Mind and Brain Dynamics</i> Supervisors: Shravan Vasishth, Frank Rösler

## Education

2008 – 2012	<b>Dr. phil. in Cognitive Science</b> (grade: summa cum laude) University of Potsdam Advisors: Shravan Vasishth, Reinhold Kliegl
2009	Summer School on Embodied Language Games and Construction Grammar, Cortona, Italy
2008	15th International Summer School in Cognitive Science, New Bulgarian University in Sofia, Bulgaria
2005, 2006	Interdisciplinary college, spring school on neurobiology, neuroinformatics, cognitive science, artificial intelligence, robotics, and philosophy, Günne, Germany

2005 – 2008	Diploma program Computational Linguistics University of Potsdam
2003 – 2005	<b>B.A. in Computational Linguistics</b> (grade: very good) University of Tübingen Advisor: Frank Richter
2001 – 2003	Computational Linguistics, Mathematics, Computer Science University of Heidelberg

## Media coverage

- New York Times (25.1.2020): *She's the Next President. Wait, Did You Read That Right?*
- In Her Words, New York Times newsletter on women, gender and society (4.2.2020): *Surprise! Language is sexist.*
- WNYC Studios, The Takeaway: America's weekday conversation (podcast, 29.1.2020): *Could "She" Be President? A Look at Pronoun Bias in Politics*
- MIT News (8.1.2020): *"She" goes missing from presidential language.* Also reported by ScienceDaily, AAAS EurekaAlert!, and Phys.org.
- Kunstjahr 2013 – Die Zeitschrift, die Bilanz zieht, Lindinger + Schmid. Article about my science/art cross-over project with sound artist Christoph Illing.

## Editor and reviewer

### *Journal editor:*

1. Associate Editor at *Language* (2020–2024)

### *Reviewer for funding agencies:*

1. Belgian Fund for Scientific Research (FNRS)
2. French National Research Agency (ANR)
3. German Research Foundation (DFG)
4. Israel Science Foundation (ISF)
5. Swiss National Science Foundation (SNF)
6. UK Economic and Social Research Council (ESRC)
7. UK Arts and Humanities Research Council (AHRC)
8. US National Science Foundation (NSF)

### *Reviewer for journals:*

1. Behavior Research Methods
2. Cognitive Science
3. Cortex
4. Dialogue and Discourse
5. Discourse Processes
6. Frontiers in Psychology
7. Glossa: A journal of general linguistics
8. International Journal of Human-Computer Studies
9. JEP: General
10. JEP: Human Perception and Performance

11. JEP: Learning, Memory, and Cognition
12. Journal of Eye Movement Research
13. Journal of Memory and Language
14. Laboratory Phonology: Journal of the Association for Laboratory Phonology
15. Language, Cognition, and Neuroscience
16. Memory and Cognition
17. Nature: Scientific Reports
18. NeuroImage
19. Neuropsychologia
20. Open Mind
21. PeerJ – Section Brain and Cognition
22. Psychological Review
23. PLOS|ONE
24. Quarterly Journal of Experimental Psychology
25. Science
26. Scientific Studies of Reading
27. Topics in Cognitive Science
28. Visual Cognition

*Program committee / meta-reviewer*

1. CogSci: Conference of the Cognitive Science Society

*Reviewer for conferences:*

1. ACL: Annual Meeting of the Association for Computational Linguistics
2. AMLaP: Architectures and Mechanisms for Language Processing
3. AMLaP Asia: Architectures and Mechanisms for Language Processing, Asian edition
4. CMCL: Cognitive Modeling and Computational Linguistics
5. COLING: International Conference on Computational Linguistics
6. CogSci: Conference of the Cognitive Science Society
7. CUNY: Conference on Human Sentence Processing
8. DETEC: Discourse Expectations: Theoretical, Experimental, and Computational perspectives
9. Linguistic Evidence
10. LSA: Linguistic Society of America
11. xCoAx: Computation, Communication, Aesthetics, and X

## Conferences and workshops organized

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|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2024 | <i>2nd Workshop on Predicting Reading Comprehension from Eye Movements.</i> Co-organized with Lena Jäger (University of Zürich) and Yevgeni Berzak (Technion, MIT).      |
| 2023 | <i>1st Workshop on Predicting Reading Comprehension from Eye Movements.</i> Co-organized with Lena Jäger (University of Zürich).                                         |
| 2020 | <i>Architectures and Mechanisms for Language Processing, AMLaP 2020.</i> Co-chaired with Isabell Wartenburger and Shravan Vasishth (University of Potsdam).              |
| 2018 | <i>Workshop on designing experiments with Python and OpenSesame.</i> Collaborative Research Center: Limits of Variability in Language (SFB 1287), University of Potsdam. |

- 2018 *Workshop on Eye-tracking Methods for Linguists*. Center for Language and Brain, HSE Moscow. Co-organized with Anna Laurinavichyute (University of Potsdam).
- 2017 *Symposium on Mixed-effects Models in Cognitive Psychology*. ESCoP 2017 workshop co-organized with Audrey Bürki (University of Potsdam).

## Grants

2023 – 2024	Seed funding in program <i>Reflecting Intelligent Systems for Diversity, Demography, and Democracy (IRIS3D)</i> (with Dr. Michael Roth)	105000
2014 – 2016	Research Fellowship, Alexander von Humboldt Foundation	110000
2008 – 2011	PhD scholarship, University of Potsdam	36000
2017	Travel grant, German Academic Exchange Service (DAAD)	1400
Sum:		254400

## Awards

- Research award 2024 of the University of Stuttgart for this paper: Ranjan & von der Malsburg (2023). *A bounded rationality account of dependency length minimization in Hindi*. In M. Goldwater, F. Anggoro, B. Hayes, & D. Ong, Proceedings of the 45th Annual Meeting of the Cognitive Science Society. Sidney, Australia: Cognitive Science Society.
- Paper award 2023 of the Cognitive Science Society: Ranjan & von der Malsburg (2023). *A bounded rationality account of dependency length minimization in Hindi*. In M. Goldwater, F. Anggoro, B. Hayes, & D. Ong, Proceedings of the 45th Annual Meeting of the Cognitive Science Society. Sidney, Australia: Cognitive Science Society.
- Top cited paper in Cognitive Science in 2022 and 2023: Laurinavichyute, & von der Malsburg (2022). *Semantic attraction in sentence comprehension*. Cognitive Science, 46(2), 13086. <http://dx.doi.org/10.1111/cogs.13086>
- Top downloaded paper in Cognitive Science in 2022: Laurinavichyute, & von der Malsburg (2022). *Semantic attraction in sentence comprehension*. Cognitive Science, 46(2), 13086. <http://dx.doi.org/10.1111/cogs.13086>

## Collaborators

Colleagues with whom I have received project funding or with whom I have co-authored publications including conference presentations and papers under review. Alphabetical order, last known academic affiliation.

Chelsea Ajunwa (MIT), Bernhard Angele (Bournemouth University), Roelien Bastiaanse (University of Groningen), Timo Baumann (University of Hamburg), Bruno Bianchi (University of Buenos Aires), Idan Blank (UC Los Angeles), Veronica Boyce (Stanford), Frank Burchert (University of Potsdam), Julia Carden (University of Buenos Aires), Heiner Drenhaus (Saarland University), Felix Engelmann (University of Manchester), Nicola Fanton (University of Stuttgart), Evelina Fedorenko (MIT), Victor Ferreira (UC San Diego), Richard Futrell (UC Irvine), Sabrina Gerth (University of Potsdam), Edward Gibson (MIT), John Hale (Franklin

College of Arts and Sciences), Daniel Hole (University of Stuttgart), Christoph Illing (sound artist), Lena Jäger (University of Zürich), Virginia Jaichenco (University of Buenos Aires), Holly Joseph (University of Reading), Evelyn Lagrou (Ghent University), Mallory Leinenger (Amazon), Rodrigo Loredó (University of Buenos Aires), Juan Kamienkowski (University of Buenos Aires), Reinhold Kliegl (University of Potsdam), Gregory Kobele (University of Leipzig), Karin Kukkonen (University of Oslo), Sol Lago (University of Frankfurt), Hend Lahoud (University of Haifa), Anna Laurinavichyute (University of Potsdam), Roger Levy (MIT), Anastasiya Lopukhina (Higher School of Economics, Moscow), Tina Marusch (University of Potsdam), Genevieve McArthur (Macquarie University), Paul Metzner (University of Potsdam), Marie-Christine Meyer (ZAS, Berlin), Diane Mézière (Macquarie University), James Michaelov (MIT), Adam Morgan (UC San Diego), Ryan Musa (University of Illinois), Kate Nation (University of Oxford), Dario Paape (University of Potsdam), Sebastian Padó (University of Stuttgart), Elizabeth Pankratz (University of Edinburgh), Olga Parshina (City University of New York), Till Poppels (UC San Diego), Anna Prysłowska (University of Stuttgart), Sidharth Ranjan (University of Stuttgart), Eric Reichle (Macquarie University), Frank Rösler (University of Hamburg), Michael Roth (University of Stuttgart), Robin Schäfer (University of Potsdam), David Schlangen (University of Potsdam), Liz Schotter (University of South Florida), Bernd Schurer (composer), Irina Sekerina (City University of New York), Cory Shain (Ohio State University), Diego Shalom (University of Buenos Aires), David Share (University of Haifa), Nathaniel Smith (UC Berkeley), Michaela Socolof (MIT), Kate Stone (University of Potsdam), Emily Troscianko (University of Oxford), Shravan Vasishth (University of Potsdam), Ruben van de Vijver (University of Düsseldorf), Jacob Vigly (MIT), Leila Wehbe (Carnegie Mellon University), Eva Wittenberg (UC San Diego), Himanshu Yadav (University of Potsdam), Lili Yu (Macquarie University)

## Supervision

### *Current:*

2025 –	Candy Adusei	PhD
2022 –	Dr. Sidharth Ranjan	Postdoc
2022 –	Dr. Anna Prysłowska	Postdoc
2023 – 2024	Candy Afia Fosua Adusei (English Linguistics)	M.A.
2023 – 2024	Ana Carolina Gueler (English Linguistics)	M.A.

### *Past:*

2019 – 2022	Dr. Diane Mézière (Clinical Linguistics)	PhD
2020 – 2021	Lilly Roth (Psychology)	M.Sc.
2021 – 2022	Stephanie Lukau (Linguistics)	B.A.
2021	Julia Lezlow (Linguistics)	B.A.
2021	Elizabeth Pankratz (Cognitive Systems)	M.Sc.
2017 – 2021	Dr. Anna Laurinavichyute (Linguistics)	PhD
2017 – 2020	Dr. Kate Stone (Linguistics)	PhD
2019 – 2020	Friederike Hechler (Linguistics)	M.Sc.
2019 – 2020	Christin Schütze (Linguistics)	M.Sc.
2018	Dr. Alexandra Lorson (Linguistics)	M.Sc.
2017 – 2018	Robin Schäfer (Clinical Linguistics)	M.Sc.

2017 – 2018	Kirk Gallardo (Clinical Linguistics)	M.Sc.
2013	Dr. Dario Paape (Linguistics)	M.Sc.
2013	Nora Kovacs (Clinical Linguistics)	M.Sc.
2013	Ehud Avner (Computational Linguistics)	M.Sc.

## Teaching

Course title	Term
Introduction to data analysis	Summer 2025
Acquisition and analysis of eye-tracking data (with B. Ehinger, J. Schepers)	Summer 2025
Human sentence processing	Winter 2024
Psycholinguistics of neural language models (with S. Padó)	Winter 2024
Research colloquium: Experimental (psycho)linguistics	Summer 2024
Acquisition and analysis of eye-tracking data (with B. Ehinger, J. Schepers)	Summer 2024
Research colloquium: Computational and experimental (psycho)linguistics	Winter 2023
Bayesian data analysis and causal inference in R (with S. Ranjan)	Winter 2023
Human sentence processing	Winter 2023
Psycholinguistics of neural language models (with S. Padó, S. Ranjan)	Summer 2023
Acquisition and analysis of eye-tracking data (with B. Ehinger, J. Schepers)	Summer 2023
Human sentence comprehension	Winter 2022
Corpus methods in psycholinguistics (with S. Ranjan)	Winter 2022
Introduction to statistical data analysis	Summer 2022
Psycholinguistics of neural language models (with S. Padó)	Summer 2022
Acquisition and analysis of eye-tracking data (with B. Ehinger, J. Schepers)	Winter 2021
Human sentence comprehension	Winter 2021
Introduction to statistical data analysis	Summer 2021
Human sentence comprehension	Summer 2021
Foundations of mathematics	Winter 2020
Human sentence processing	Winter 2020
Introduction to statistical data analysis	Summer 2020
Human sentence processing	Summer 2020
Foundations of mathematics	Winter 2019
Bayesian data analysis	Winter 2019
Eyetracking in psycholinguistic research	Winter 2018
Foundations of mathematics	Winter 2018
Bayesian data analysis	Summer 2017
Advanced topics in sentence processing	Summer 2017
Statistical data analysis (advanced): Linear modeling	Summer 2017
Comprehension of temporarily ambiguous sentences	Summer 2017
Agreement attraction in sentence comprehension	Winter 2017
Colloquium in sentence comprehension	Winter 2017
Introduction to statistical data analysis	Winter 2017
Comprehension of relative clauses	Winter 2017
Advanced topics in sentence processing	Summer 2017
Introduction to statistical data analysis	Summer 2017
Advanced statistical data analysis: Linear modeling	Summer 2017
Comprehension of temporarily ambiguous sentences	Summer 2017

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Course title	Term
Agreement attraction in sentence comprehension	Winter 2016
Advanced topics in sentence comprehension	Winter 2016
Scientific computing in R	Winter 2016
Comprehension of relative clauses	Winter 2016
Advanced topics in psycholinguistics	Summer 2013

## Memberships

- Cognitive Science Society (CSS)
- Free Software Foundation (FSF)
- German Association of University Professors and Lecturers (DHV)
- German Linguistic Society (DGfS)
- Linguistic Society of America (LSA)
- Society of the Fellows of the Alexander von Humboldt Foundation (DGH)

## Publications

### *Manuscripts:*

Meyer, M.-C., & von der Malsburg, T. (2024). *The role of conversational principles in cognitive biases: The case of overprecision in interval estimation.*

Hole, D., & von der Malsburg, T. (2023). *Patterns in the phonology of Mandarin Chinese: Basic color terms and beyond.*

Pankratz, E., von der Malsburg, T., & Vasishth, S. (2022b). *Shannon entropy is a more comprehensive and principled morphological productivity measure than the standard alternatives.*

### *Journal articles:*

Journals in which I have published: *Cerebral Cortex*, *Cognition*, *Cognitive Science*, *Journal of Cognitive Neuroscience*, *Journal of Experimental Psychology: Learning, Memory, and Cognition*, *Journal of Memory and Language*, *Journal of Semantics*, *Language and Cognitive Processes*, *Neuroscience*, *PeerJ*, *PLOS ONE*, *Psychological Science*, *Psychonomic Bulletin & Review*, *Reading Research Quarterly*, *Scientific Studies of Reading*, *The Mental Lexicon*, *Wiley Interdisciplinary Reviews: Cognitive Science*.

Laurinavichyute, A., & von der Malsburg, T. (2024). Agreement attraction in grammatical sentences and the role of the task. *Journal of Memory and Language*, 137, 104525. <https://doi.org/10.1016/j.jml.2024.104525>

Bianchi, B., Lored, R., da Fonseca, M., Carden, J., Jaichenco, V., von der Malsburg, T., Shalom, D. E., & Kamienkowski, J. (2023). Neural bases of predictions during natural reading of known statements: An electroencephalography and eye movements co-registration study. *Neuroscience*, 519, 131–146. <https://doi.org/10.1016/j.neuroscience.2023.03.024>

Mézière, D. C., Yu, L., McArthur, G., Reichle, E. D., & von der Malsburg, T. (2023). Scanpath regularity as an index of reading comprehension. *Scientific Studies of Reading*, 28(1), 79–100. <https://doi.org/10.1080/10888438.2023.2232063>

- Mézière, D. C., Yu, L., Reichle, E. D., von der Malsburg, T., & McArthur, G. (2023). Using eye-tracking measures to predict reading comprehension. *Reading Research Quarterly*, 58(3), 425–449. <https://doi.org/10.1002/rrq.498>
- Laurinavichyute, A., & von der Malsburg, T. (2022). Semantic attraction in sentence comprehension. *Cognitive Science*, 46(2), e13086. <https://doi.org/10.1111/cogs.13086>
- Parshina, O., Sekerina, I., Lopukhina, A., & von der Malsburg, T. (2022). Monolingual and bilingual reading strategies in Russian: An exploratory scanpath analysis. *Reading Research Quarterly*, 57(2). <https://doi.org/10.1002/rrq.414>
- Stone, K., Vasishth, S., & von der Malsburg, T. (2022). Does entropy modulate the prediction of German long-distance verb particles? *PLOS ONE*, 17(8), e0267813. <https://doi.org/10.1371/journal.pone.0267813>
- Wehbe, L., Blank, I. A., Shain, C., Futrell, R., Levy, R., von der Malsburg, T., Smith, N., Gibson, E., & Fedorenko, E. (2021). Incremental language comprehension difficulty predicts activity in the language network but not the multiple demand network. *Cerebral Cortex*, 31(9), 4006–4023. <https://doi.org/10.1093/cercor/bhab065>
- von der Malsburg, T., Poppels, T., & Levy, R. P. (2020). Implicit gender bias in linguistic descriptions for expected events: The cases of the 2016 United States and 2017 United Kingdom elections. *Psychological Science*, 31(2), 115–128. <https://doi.org/10.1177/0956797619890619>
- Morgan, A. M., von der Malsburg, T., Ferreira, V. S., & Wittenberg, E. (2020). Shared syntax between comprehension and production: Multi-paradigm evidence that resumptive pronouns hinder comprehension. *Cognition*, 205, 104417. <https://doi.org/10.1016/j.cognition.2020.104417>
- Paape, D., Vasishth, S., & von der Malsburg, T. (2020). Quadruplex negatio invertit? The on-line processing of depth charge sentences. *Journal of Semantics*, 37(4), 509–555. <https://doi.org/10.1093/jos/ffaa009>
- Stone, K., von der Malsburg, T., & Vasishth, S. (2020b). The effect of decay and lexical uncertainty on processing long-distance dependencies. *PeerJ*, 8:e10438. <https://doi.org/10.31219/osf.io/xrm43>
- Schotter, E., Leininger, M., & von der Malsburg, T. (2018). When your mind ignores what your eyes see: How forced fixations lead to comprehension illusions in reading. *Psychonomic Bulletin & Review*, 25(5), 1884–1890. <https://doi.org/10.3758/s13423-017-1356-y>
- Schotter, E., von der Malsburg, T., & Leininger, M. (2018). Forced fixations, trans-saccadic integration, and word recognition: Evidence for a hybrid mechanism of saccade triggering in reading. *Journal of Experimental Psychology: Learning, Memory, and Cognition*, 45(5), 677–688. <https://doi.org/10.1037/xlm0000617>
- von der Malsburg, T., & Angele, B. (2017). False positives and other statistical errors in standard analyses of eye movements in reading. *Journal of Memory and Language*, 94, 119–133. <https://doi.org/10.1016/j.jml.2016.10.003>
- Metzner, P., von der Malsburg, T., Vasishth, S., & Rösler, F. (2016). The importance of reading naturally: Evidence from combined recordings of eye movements and electric brain potentials. *Cognitive Science*, 41(S6), 1232–1263. <https://doi.org/10.1111/cogs.12384>
- von der Malsburg, T., Kliegl, R., & Vasishth, S. (2015). Determinants of scanpath regularity in reading. *Cognitive Science*, 39(7), 1675–1703. <https://doi.org/10.1111/cogs.12208>
- Metzner, P., von der Malsburg, T., Vasishth, S., & Rösler, F. (2015). Brain responses to world-knowledge violations: A comparison of stimulus- and fixation-triggered event-related potentials and neural oscillations. *Journal of Cognitive Neuroscience*, 27(5), 1017–1028. [https://doi.org/10.1162/jocn\\_a\\_00731](https://doi.org/10.1162/jocn_a_00731)



- von der Malsburg, T., & Vasishth, S. (2013). Scanpaths reveal syntactic underspecification and reanalysis strategies. *Language and Cognitive Processes*, 28(10), 1545–1578. <https://doi.org/10.1080/01690965.2012.728232>
- Vasishth, S., von der Malsburg, T., & Engelmann, F. (2013). What eye movements can tell us about sentence comprehension. *Wiley Interdisciplinary Reviews: Cognitive Science*, 4(2), 125–134. <https://doi.org/10.1002/wcs.1209>
- Marusch, T., von der Malsburg, T., Bastiaanse, R., & Burchert, F. (2012). Tense morphology in German agrammatism: The production of regular, irregular and mixed verbs. *The Mental Lexicon*, 7(3), 351–380. <https://doi.org/10.1075/ml.7.3.05mar>
- von der Malsburg, T., & Vasishth, S. (2011c). What is the scanpath signature of syntactic reanalysis? *Journal of Memory and Language*, 65(2), 109–127. <https://doi.org/10.1016/j.jml.2011.02.004>

#### *Proceedings articles:*

- Prylowska, A., & von der Malsburg, T. (2024b). Severe storm warnings for four-story homeowners: Towards a processing model of bracketing paradoxes. In L. K. Samuelson, S. Frank, M. Toneva, A. Mackey, & E. Hazeltine (Eds.), *Proceedings of the 46th Annual Meeting of the Cognitive Science Society*. Cognitive Science Society.
- Ranjan, S., & von der Malsburg, T. (2024b). Work smarter ... not harder: Efficient minimization of dependency length in SOV languages. In L. K. Samuelson, S. Frank, M. Toneva, A. Mackey, & E. Hazeltine (Eds.), *Proceedings of the 46th Annual Meeting of the Cognitive Science Society*. Cognitive Science Society.
- Ranjan, S., & von der Malsburg, T. (2023a). A bounded rationality account of dependency length minimization in Hindi. In M. Goldwater, F. Anggoro, B. Hayes, & D. Ong (Eds.), *Proceedings of the 45th annual meeting of the cognitive science society*. Cognitive Science Society.
- Marusch, T., von der Malsburg, T., Bastiaanse, R., & Burchert, F. (2013). Tempusmorphologie bei deutschen Agrammatikern: Die Sprachproduktion von regulären, irregulären und gemischten Verben. *Spektrum Patholinguistik*, 6, 219–223.
- von der Malsburg, T., Vasishth, S., & Kliegl, R. (2012). Scanpaths in reading are informative about sentence processing. In P. B. Michael Carl & K. K. Choudhary (Eds.), *Proceedings of the First Workshop on Eye-tracking and Natural Language Processing* (pp. 37–53). The COLING 2012 organizing committee.
- von der Malsburg, T., Baumann, T., & Schlangen, D. (2009). TELIDA: A package for manipulation and visualization of timed linguistic data. *Proceedings of the SIGDIAL 2009 Conference: The 10th Annual Meeting of the Special Interest Group on Discourse and Dialogue*, 302–305.

#### *Conference talks:*

- Mézière, D., Yu, L., von der Malsburg, T., Reichle, E., & McArthur, G. (2024, August). Eye movements from a ‘read-only’ task predict reading comprehension as measured by recall. In R. Reilly & R. Radach (Eds.), *Proceedings of the 22th European Conference on Eye Movements (ECEM)*. Journal of Eye Movement Research.
- Prylowska, A., Ehinger, B., & von der Malsburg, T. (2024, August). Concurrent comparison of EyeLink 1000+ and TRACKPixx3 on a benchmark test battery. In R. Reilly & R. Radach (Eds.), *Proceedings of the 22th European Conference on Eye Movements (ECEM)*. Journal of Eye Movement Research.

- Pryslowska, A., & von der Malsburg, Titus. (2024). Semantics vs agreement: What determines the interpretation of German bracketing paradoxes? In H. Rohde, C. Cummins, P. Hoffman, J. Culbertson, K. Smith, V. Chondrogianni, M. Corley, M. Pickering, D. Mirman, P. Sturt, H. Rabagliati, F. Keller, & C. Lucas (Eds.), *Proceedings of the 30th Architectures and Mechanisms for Language Processing Conference (AMLaP)*. University of Edinburgh.
- Ranjan, S., & von der Malsburg, T. (2024a, February). A bounded rationality account of constituent order in SOV languages. In D. Georgi, I. Wartenburger, A. Gafos, A. Hölzl, & R. B. Araujo (Eds.), *Proceedings of Linguistic Evidence 2024*. University of Potsdam.
- Ranjan, S., & von der Malsburg, T. (2024b). Work smarter ... not harder: Efficient minimization of dependency length in SOV languages. In L. K. Samuelson, S. Frank, M. Toneva, A. Mackey, & E. Hazeltine (Eds.), *Proceedings of the 46th Annual Meeting of the Cognitive Science Society*. Cognitive Science Society.
- Laurinavichyute, A., Yadav, H., von der Malsburg, Titus, & Vasishth, S. (2023). The role of goal in sentence processing. In M. Carreiras, C. Martin, A. Stoehr, I. Quiñones, S. Mancini, A. Carrión-Castillo, E. Kapnoula, & B. Costello (Eds.), *Proceedings of the 29th Architectures and Mechanisms for Language Processing Conference (AMLaP)*. Basque Center on Cognition, Brain, Language.
- Mézière, D., Yu, L., Reichle, E., von der Malsburg, T., & McArthur, G. (2023). Predicting recall performance from eye movements during normal reading. In G. McArthur, A. Castles, & R. Parrila (Eds.), *Proceedings of the Twenty-Seventh Annual Meeting of the Society for the Scientific Study of Reading*. Society for the Scientific Study of Reading.
- Mézière, D., Yu, L., Reichle, E., von der Malsburg, T., & McArthur, G. (2022a). Scanpath regularity as a measure of reading comprehension ability. In N. McIntyre, I. Coombs, A. Peters, T. Törmänen, & L. Catrysse (Eds.), *Proceedings of the EARLI Special Interest Group on Online Measures of Learning Processes (SIG27)*. University of Southampton.
- Mézière, D., Yu, L., Reichle, E., von der Malsburg, T., & McArthur, G. (2022b). Scanpath regularity as a predictor of performance on reading comprehension assessments. In D. Barrett, V. McGowan, A. Pagan, K. Paterson, F. Proudlock, D. Souto, & M. Thomas (Eds.), *Proceedings of the 21th European Conference on Eye Movements (ECEM)*. University of Leicester.
- Pankratz, E., von der Malsburg, T., & Vasishth, S. (2022a, February). An entropy-based approach to measuring morphological productivity. In C. Maienborn & M. Averintseva-Klish (Eds.), *44th Annual Conference of the German Linguistic Society*.
- Laurinavichyute, A., & von der Malsburg, T. (2021). Agreement attraction in grammatical sentences arises only in the good-enough processing mode. *Proceedings of Linguistic Illusions in Sentence Processing 2021*.
- Mézière, D., Yu, L., Reichle, E., von der Malsburg, T., & McArthur, G. (2020a). A comparison of three reading comprehension tests using eye movements. In C. Connor (Ed.), *Proceedings of the Twenty-Seventh Annual Meeting of the Society for the Scientific Study of Reading*. Society for the Scientific Study of Reading.
- Parshina, O., Sekerina, I., Lopukhina, A., & von der Malsburg, T. (2020, September). Reading strategies in monolingual adults and children vs. bilingual heritage and L2 speakers of Russian: A scanpath analysis. In T. von der Malsburg, S. Vasishth, & I. Wartenburger (Eds.), *Proceedings of the 26th Architectures and Mechanisms for Language Processing Conference (AMLaP)*. Universität Potsdam.
- Boyce, V., von der Malsburg, T., Poppels, T., & Levy, R. (2019b, March). Remember ‘him’, forget ‘her’: Gender bias in the comprehension of pronominal referents. In E. Colunga,

- A. Kim, L. Michaelis, & B. Narasimhan (Eds.), *Proceedings of the 32th Annual CUNY Conference on Human Sentence Processing*. University of Colorado Boulder.
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#### *Scientific data sets:*

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*Artistic works:*

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