

JUN.-PROF. DR. TITUS VON DER MALSBURG

CURRICULUM VITAE

Address:	Institute of Linguistics University of Stuttgart Keplerstraße 17 70174 Stuttgart	Homepage:	tmalsburg.github.io GitHub: github.com/tmalsburg OSF: osf.io/pfkez OCRID: 0000-0001-5925-5145
E-mail:	titus.von-der-malsburg@ling.uni-stuttgart.de		

Academic employment

- 2021 – **University of Stuttgart**, Junior Professor (W1, tenure track) for Psycholinguistics and Cognitive Modeling
Institute of Linguistics
Positive interim evaluation in Jan 2025.
- 2018 – 2021 **University of Potsdam**, Researcher and Lecturer
Department of Linguistics
- 04 – 08/2019 – **Parental leave** –
- 2016 – 2018 **University of Potsdam**, Visiting Professor for Psycho- and Neurolinguistics
Department of Linguistics
- 2014 – 2016 **UC San Diego**, Research Fellow
Department of Psychology, Department of Linguistics
Funded through two-year grant awarded to me by the Alexander von Humboldt Foundation
Supervisors: Keith Rayner, Roger Levy
- 2014 **University of Oxford**, Research Associate
St John's College, Department of Experimental Psychology
Supervisor: Kate Nation
- 2012 – 2013 **University of Potsdam**, Postdoctoral Researcher
DFG Research Group 868: *Mind and Brain Dynamics*
Supervisors: Shravan Vasishth, Frank Rösler

Education

- 2008 – 2012 **Dr. phil. in Cognitive Science** (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.A. in Computational Linguistics** (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. Applied Psycholinguistics
2. Behavior Research Methods
3. Cognitive Psychology
4. Cognitive Science
5. Cortex
6. Dialogue and Discourse
7. Discourse Processes
8. Frontiers in Psychology
9. Glossa: A journal of general linguistics
10. International Journal of Human-Computer Studies
11. JEP: General
12. JEP: Human Perception and Performance

13. JEP: Learning, Memory, and Cognition
14. Journal of Experimental Child Psychology
15. Journal of Eye Movement Research
16. Journal of Memory and Language
17. Laboratory Phonology: Journal of the Association for Laboratory Phonology
18. Language, Cognition, and Neuroscience
19. Memory and Cognition
20. Nature: Scientific Reports
21. NeuroImage
22. Neuropsychologia
23. Open Mind
24. PeerJ – Section Brain and Cognition
25. Psychological Review
26. PLOS|ONE
27. Proceedings of the National Academy of Sciences (PNAS)
28. Quarterly Journal of Experimental Psychology
29. Science
30. Scientific Studies of Reading
31. Topics in Cognitive Science
32. 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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| 2025 | <i>3rd Workshop on Predicting Reading Comprehension from Eye Movements.</i> University of Stuttgart. Co-organized with Lena Jäger and Yevgeni Berzak. |
| 2024 | <i>2nd Workshop on Predicting Reading Comprehension from Eye Movements.</i> University of Zurich. Co-organized with Lena Jäger and Yevgeni Berzak. |
| 2023 | <i>1st Workshop on Predicting Reading Comprehension from Eye Movements.</i> University of Zurich. Co-organized with Lena Jäger. |
| 2020 | <i>Architectures and Mechanisms for Language Processing, AMLaP 2020.</i> University of Potsdam. Co-chaired with Isabell Wartenburger and Shravan Vasishth. |

- 2018 *Workshop on designing experiments with Python and OpenSesame*. University of Potsdam. 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.
- 2017 *Symposium on Mixed-effects Models in Cognitive Psychology*. ESCoP 2017 workshop co-organized with Audrey Bürki.

Grants

Duration	Title	Amount
2025 – 2028	Grammar or Working Memory? Incremental Processing of Resumptive Pronouns in Hebrew, Standard German, and Alemannic German, DFG-ISF Cooperation	
	DFG Contribution	240460
	ISF Contribution	124000
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
	Sum:	579460

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 Reading Research Quarterly: Mézière, Yu, Reichle, von der Malsburg, & McArthur (2023). *Using eye-tracking measures to predict reading comprehension*. Reading Research Quarterly, 58(3), 425–449. <http://dx.doi.org/10.1002/rrq.498>
- Most viewed paper in Reading Research Quarterly: Mézière, Yu, Reichle, von der Malsburg, & McArthur (2023). *Using eye-tracking measures to predict reading comprehension*. Reading Research Quarterly, 58(3), 425–449. <http://dx.doi.org/10.1002/rrq.498>
- 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), Benedikt Ehinger (University of Stuttgart), 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), Evelyne Lagrou (Ghent University), Mallory Leininger (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), Aya Meltzer-Asscher (Tel Aviv 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), José Pablo Ossandón (University of Hamburg), 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), Judith Schepers (University of Stuttgart), 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), Adi Shechter (Tal Hai University), 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 –	Qibi Wang	PhD
2025 –	Ondřej Drobil	PhD
2025 –	Candy Adusei	PhD
2025 –	Mohammed Said (English Linguistics)	MA
2025 –	Mehtap Akyel (English Linguistics)	MA

2022 – Dr. Anna Prysłowska Postdoc

Past:

2024 – 2025	Takumi Kobayashi (English Linguistics)	MA
2023 – 2024	Ana Carolina Gueler (English Linguistics)	MA
2022 – 2024	Dr. Sidharth Ranjan	Postdoc
2023 – 2024	Candy Adusei (English Linguistics)	MA
2019 – 2022	Dr. Diane Mézière (Clinical Linguistics)	PhD
2020 – 2021	Lilly Roth (Psychology)	MSc
2021 – 2022	Stephanie Lukau (Linguistics)	BA
2021	Julia Lezlow (Linguistics)	BA
2021	Elizabeth Pankratz (Cognitive Systems)	MSc
2017 – 2021	Dr. Anna Laurinavichyute (Linguistics)	PhD
2017 – 2020	Dr. Kate Stone (Linguistics)	PhD
2019 – 2020	Friederike Hechler (Linguistics)	MSc
2019 – 2020	Christin Schütze (Linguistics)	MSc
2018	Dr. Alexandra Lorson (Linguistics)	MSc
2017 – 2018	Robin Schäfer (Clinical Linguistics)	MSc
2017 – 2018	Kirk Gallardo (Clinical Linguistics)	MSc
2013	Dr. Dario Paape (Linguistics)	MSc
2013	Nora Kovacs (Clinical Linguistics)	MSc
2013	Ehud Avner (Computational Linguistics)	Diplom

Teaching

Course title	Term
Introduction to data analysis and causal inference	Summer 2026
Acquisition and analysis of eye-tracking data (with B. Ehinger, J. Schepers)	Summer 2026
Research colloquium: Experimental and computational psycholinguistics	Summer 2026
Human sentence processing	Winter 2025
Psycholinguistics of neural language models (with S. Padó)	Winter 2025
Introduction to data analysis and causal inference	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

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Course title	Term
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
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:

Hole, D., & von der Malsburg, T. (2026). *Patterns in the phonology of Mandarin Chinese: Basic color terms and beyond* [lingbuzz/009858]. <https://lingbuzz.net/lingbuzz/009858>

- Prysocka, A., & von der Malsburg, T. (2026). *Breaking the brackets: Semantic and morphosyntactic cues in the interpretation of bracketing paradoxes* [Preprint]. https://osf.io/preprints/psyarxiv/9rystq_v1
- von der Malsburg, T., & Padó, S. (2026). *Diverging transformer predictions for human sentence processing: A comprehensive analysis of agreement attraction effects* [Preprint]. <https://doi.org/10.48550/arXiv.2603.16574>
- Ehinger, B. V., Prysocka, A., Adusei, C., & von der Malsburg, T. (2026). *A comprehensive evaluation of the TRACKPixx3 eye-tracker* [Preprint]. https://doi.org/10.31234/osf.io/vucg3_v1
- Ehinger, B. V., Bernhardt, M. D., Enkel, S., Hilser, C., Ossandón, J. P., Schepers, J., & von der Malsburg, T. (2026). *A simple spatial bias modification to increase statistical power in concurrent two alternatives choice tasks* [Preprint]. https://doi.org/10.31234/osf.io/p8gz7_v1
- Lahoud, H., Shechter, A., von der Malsburg, T., & Share, D. (2025). *Serial or parallel? Sub-lexical scanpath analysis of eye movement sequences in single word reading*.
- Meyer, M.-C., & von der Malsburg, T. (2024). *The role of conversational principles in cognitive biases: The case of overprecision in interval estimation*.
- Pankratz, E., von der Malsburg, T., & Vasishth, S. (2022b). *Shannon entropy is a more comprehensive and principled morphological productivity measure than the standard alternatives*. <https://doi.org/10.31234/osf.io/vkyug>

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*.

- Mézière, D. C., Yu, L., von der Malsburg, T., Reichle, E. D., & McArthur, G. (2025). Using eye movements from a “read-only” task to predict text comprehension. *Reading Research Quarterly*, 60(3). <https://doi.org/10.1002/rrq.70023>
- 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., Loredó, 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>
- 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>

- 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>
- 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 online 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
- 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. (2011a). 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:

- Fanton, N., Ranjan, S., von der Malsburg, T., & Roth, M. (2025). A diachronic analysis of human and model predictions on audience gender in how-to guides. In C. Basta, M. R. Costa-jussà, A. Falańska, D. Nozza, & K. Stańczak (Eds.), *6th workshop on gender bias in natural language processing*.
- Pryłowska, A., & von der Malsburg, T. (2024d). 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. <https://escholarship.org/uc/item/93z854zx>
- 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. <https://escholarship.org/uc/item/0120d8t1>
- Ranjan, S., & von der Malsburg, T. (2023b). 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. <https://escholarship.org/uc/item/85q7x1nd>
- 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. <https://aclanthology.org/W12-4904/>
- 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:

- Bernhardt, M. D., Enkel, S., Hilser, C., Schepers, J., von der Malsburg, T., Ossandón, J. P., & Ehinger, B. V. (2025). Overt spatial biases in a concurrent two alternatives choice task. In C. von Castell, H. Hecht, G. Meinhardt, E. Wögerbauer, M. Wessels, & C. Hunt-Radej (Eds.), *Proceedings of the European conference on visual perception (ecvp)*.
- Mézière, D., & von der Malsburg, T. (2025). Using eye movements to predict reading comprehension: A re-analysis with random forests. In T. von der Malsburg, L. Jäger, & Y. Berzak (Eds.), *Processings of the 3rd workshop on eye movements and the assessment of reading comprehension*.

- Mézière, D., Yu, L., von der Malsburg, T., Reichle, E., & McArthur, G. (2024). 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.
- Pryśłowska, A., Ehinger, B., & von der Malsburg, T. (2024). Concurrent comparison of EyeLink 1000 Plus 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.
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