ANNA LAURINAVICHYUTE

PERSONAL INFORMATION

Born in Russia, 4 June 1988

address	Gutenbergstrasse 8, 14467 Potsdam, Germany
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WORK EXPERIENCE

2020–present	Postdoctoral researcher and statistical consultant at SFB 1287 grant "Limits of variability in language", UNIVERSITY OF POTSDAM, GERMANY
2017–2020	Coordinator of the "Cognitive systems: language, learning, and reasoning" Master's program, UNIVERSITY OF POTSDAM, GERMANY
2013–present	Junior research fellow at the Center for Language and Brain, NATIONAL RESEARCH UNIVERSITY HIGHER SCHOOL OF ECONOMICS, MOSCOW, RUSSIA

EDUCATION

2020–present	University of Potsdam, Germany, MSc Data Science.
2015–2020	University of Potsdam, Germany, doctoral student. Dissertation titled *"Similarity-based interference and faulty encoding accounts of sentence processing"* is submitted, expected defense — February 2021.
2005–2010	Lomonosov Moscow State University, Russia, Diploma in Linguistics (summa cum laude)

TEACHING EXPERIENCE

2020	"Introductory Bayesian statistics" at Statistical Methods for Linguistics and Psychology (SMLP), co-instructor
2019	"Introductory Bayesian statistics" at Statistical Methods for Linguistics and Psychology (SMLP), teaching assistant
2017	"Lexicon in psycholinguistics" taught at the International Summer School on Typology and Lexicon (TyLex)
2017	"Experimental linguistics" at the School of Linguistics, HSE, Moscow
2013–2014	German Language at the Faculty of Philology, HSE, Moscow
2013	"Experimental Methods in Psycho- and Neurolinguistics" at the Faculty of Philology, HSE, Moscow
2009	"Statistical Analysis in R" at the Lomonosov Moscow State University, Moscow

JOURNAL ARTICLES

under review	**Laurinavichyute** A.K., von der Malsburg T. Semantic attraction in sentence processing. Submitted to *Cognitive Science*. Preprint available from doi:10.31234/osf.io/hk9nc. Data and analysis code are available from doi:10.17605/OSF.IO/P9HS7.
under review	Mertzen D., **Laurinavichyute** A.K., Dillon B., Engbert R., Vasishth S. A

cross-linguistic investigation of proactive, similarity-based retrieval interference in sentence comprehension: No support from English, German and Russian eye-tracking data. Under review at *Journal of Memory and Language*. Preprint available from doi:10.31234/osf.io/t2j8v.
Pre-registration can be seen at https://osf.io/9qgrk.

under review   Lopukhina A., Malyutina S., **Laurinavichyute** A.K., Ryazanskaya G., Savinova E., Simdianova A., Antonova A., Korkina I. Reliance on Semantic and Structural Heuristics in Sentence Comprehension Across the Lifespan. Under review at *Psychonomic Bulletin & Review*.
Pre-registration can be seen at https://osf.io/k3ebs.

2021   Lopukhina A., Lopukhin K., **Laurinavichyute** A.K. Corpus-based probabilities can substitute for cloze probabilities in reading experiments. *PLOS ONE*, Vol. 16(1), e0246133, doi:10.1371/journal.pone.0246133, 2021.
Data and analysis code are available from doi:10.17605/OSF.IO/YQ46B.

2021   Parshina O., **Laurinavichyute** A.K., Sekerina I.A. Eye Movements in Heritage Language Reading. *Bilingualism: Language and Cognition*, Vol. 24(1), pp. 69–82, 2021.
Data and analysis code are available from doi:10.17605/OSF.IO/TCRBA.

2020   Dorofeeva S.V., **Laurinavichyute** A.K., Reshetnikova V., Akhutina T.V., Tops W., Dragoy O.D. Complex phonological tasks predict reading in 7 to 11 years of age typically developing Russian children. *Journal of Research in Reading*, Vol. 43, No. 4, pp. 516-535, 2020.
Data and analysis code are available from doi:10.17605/OSF.IO/S8X3M.

2020   Sekerina I.A., **Laurinavichyute** A.K. Heritage speakers can actively shape not only their grammar but also their processing. *Bilingualism: Language and Cognition*, Vol. 23, No. 1, pp. 43-45, 2020.

2019   Nikiforova A., Lopukhina A., Malyutina S., **Laurinavichyute** A.K., Ryazanskaya G., Savinova E., Simdianova A. Good-Enough Sentence Processing in Adolescents and Adults under No-Noise and Auditory-Linguistic-Noise Conditions. *The Russian Journal of Cognitive Science*, Vol. 6, No. 2, pp. 25–32, 2019.

2019   **Laurinavichyute** A.K., Sekerina I.A., Alexeeva S., Bagdasaryan K., Kliegl R. Russian Sentence Corpus: Benchmark measures of eye movements in reading in Cyrillic. *Behavioral Research Methods*, Vol. 51, No. 3, pp. 1161–1178, 2019.
Data and analysis code are available from doi:10.17605/OSF.IO/X5Q2R.

2018   Malyutina S., **Laurinavichyute** A.K., Terekhina M., Lapin Ye. No evidence for strategic nature of age-related slowing in sentence processing. *Psychology and Aging*, Vol. 33, No. 7, pp. 1045–1059, 2018.
The pre-registration, experimental data, and analysis code are available from doi:10.17605/OSF.IO/C32AK.

2018   Lopukhina A., **Laurinavichyute** A.K., Lopukhin K., Dragoy O.V. The mental representation of polysemy across word classes. *Frontiers in Psychology*, Vol. 9. P. 192, 2018.
Data and analysis code are available from doi:10.17605/OSF.IO/STAEW.

2017   **Laurinavichyute** A.K.*, Jäger L.*, Akinina Yu., Ross J, Dragoy O.V. Retrieval and encoding interference: cross-linguistic evidence from anaphor processing *Frontiers in Psychology*, Vol. 8, p. 965, 2017.
Data and analysis code are available from doi:10.17605/OSF.IO/XFTHM.

2016   Malyutina S., Dragoy O.V., Ivanova M., **Laurinavichyute** A.K., Petrushevsky A., Meindl T., Pöppel E., Gutyrchik E. Fishing is not wrestling: Neural underpinnings of the verb instrumentality effect. *Journal of Neurolinguistics*, Vol. 40, pp. 37–54, 2016.

2016   Dragoy O.V., Bergelson M.B., Iskra E., **Laurinavichyute** A.K., Mannova E.,

Skvortsov A., Statnikov A. Comprehension of reversible constructions in semantic aphasia. *Aphasiology*, Vol. 30, No. 1., pp. 1–22, 2016.

2015   Ivanova M.V., Dragoy O.V., Kuptsova S.V., Ulicheva A.S, **Laurinavichyute** A.K. The contribution of working memory to language comprehension: differential effect of aphasia type. *Aphasiology*, Vol. 29, No. 6., pp. 645–664, 2015.

2014   **Laurinavichyute** A.K., Ulicheva A., Ivanova M.V., Kuptsova S.V., Dragoy, O.V. Processing lexical ambiguity in sentential context: Eye-tracking data from brain-damaged and non-brain-damaged individuals. *Neuropsychologia*, Vol. 64., pp. 360–373, 2014.

BOOK CHAPTERS

2019   Sekerina I.A., **Laurinavichyute** A.K., DRAGOY O.V. What Eye Movements Can and Cannot Tell us about Wh-Movement and Scrambling. In: Carlson K., Clifton, Jr. C., Fodor J. (eds) Grammatical Approaches to Language Processing. Studies in Theoretical Psycholinguistics, vol 48., Ch. 8. P. 147-165. Springer, Cham, 2019.

SELECTED CONFERENCE PRESENTATIONS

2020   **Laurinavichyute** A., von der Malsburg T. The Levis and Vasishth model predicts acceptability judgments, but not RTs for attraction errors, presented at the Architectures and Mechanisms of Language Processing (AMLaP) conference, 2020.

2020   Kromina A., Kaprielova A., **Laurinavichyute** A. Eye-movements in reading in Russian Sign Language native speakers, selected for poster presentation at the International Symposium on Bilingual and L2 Processing in Adults and Children (ISBPAC) 2020.

2020   **Laurinavichyute** A., Lopukhina A., Malyutina S. Good-enough processing and how it depends on environmental noise – from adolescence into older age, **talk** selected for presentation at the DGfS Annual Meeting, 2020.

2019   **Laurinavichyute** A., Lopukhina A., Kromina A. Eye-movement control in the Visual World Paradigm, **talk** presented at the Attentive Listener in the Visual World (AttLis) conference, 2019.

2019   **Laurinavichyute** A., Lopukhina A., Kromina A. Eye-movement control in the Visual World Paradigm, **talk** presented at the Architectures and Mechanisms of Language Processing (AMLaP) conference, 2019.

2019   **Laurinavichyute** A., von der Malsburg T. Agreement attraction effects in the comprehension of grammatical sentences. Presented at the 32nd Annual CUNY Conference on Human Sentence Processing, 2019.

2018   **Laurinavichyute** A., Khudyakova M., Sekerina I.A., Dragoy O.V. Reactivation of syntactic traces in the Visual World paradigm? **talk** presented at the Fourth St. Petersburg Winter Workshop on Experimental Studies of Speech and Language (Night Whites), 2018.

2018   **Laurinavichyute** A., von der Malsburg T. Semantic attraction in sentence processing. Presented at the 31st Annual CUNY Conference on Human Sentence Processing, 2018.

2018   **Laurinavichyute** A., von der Malsburg T. Agreement attraction in grammatical sentences. Presented at the 31st Annual CUNY Conference on Human Sentence Processing, 2018.

2017   **Laurinavichyute** A., Sekerina I.A., Bagdasaryan K., Alexeeva S. Russian Sentence Corpus. **talk** presented at the 19th European Conference on Eye Movements (ECEM), 2017.

2017	**Laurinavichyute** A.,Lopukhina A. Can the Eye-Mind Connection Be Broken in the Visual World Paradigm? **talk** presented at the 19th European Conference on Eye Movements (ECEM), 2017.
2017	**Laurinavichyute** A., Simdianova A.,Vasishth S. Agreement attraction in person: comprehension in Russian. Presented at the 30th Annual CUNY Conference on Human Sentence Processing, 2017.
2016	**Laurinavichyute** A., Vasishth S., Agreement attraction in person is symmetric. Presented at the 29th Annual CUNY Conference on Human Sentence Processing, 2016.
2016	**Laurinavichyute** A., Sekerina I.A., Bagdasaryan K., Alexeeva S. Russian Sentence Corpus, **talk** presented at the 7th Scandinavian Workshop on Eye Tracking, 2016.
2015	**Laurinavichyute** A., Jäger L., Akinina Yu., Benz L, Dragoy O.V., Teasing apart retrieval and encoding interference in Russian reflexives. Presented at the 28th Annual CUNY Conference on Human Sentence Processing, 2015.

ACQUIRED FUNDING

2019	DAAD travel grant for AMLaP 2019 conference
2018	KoUP grant for organizing a joint German-Russian workshop on eye-tracking research in Moscow
2018–2021	Russian Humanitarian Science Foundation grant "Superficial language processing: the influence of age and perceptive conditions", investigator
2017	DAAD travel grant for CUNY 2017 conference
2017–2020	Russian Humanitarian Science Foundation grant "Russian sentence corpus as a means to investigate reading processes", **principal investigator**
2016-2018	DAAD doctoral scholarship

EVENTS ORGANIZED

2020	Architectures and Mechanisms for Language Processing (AMLaP 2020, Potsdam)
2018	Russian-German workshop on eye-movement research, Moscow
2015	International eye-tracking workshop, Moscow

RESEARCH SKILLS

Methods	EYE-TRACKING, various behavioral methods, computational cognitive modeling
Experiment Programming	E-PRIME, DMDX, Linger, ExperimentBuilder, Experigen, IbexFarm
Data Analysis	R, Bayesian analysis using Stan, brms

OTHER

Scientific Interests	Good-enough processing · Reading in deaf population · Working memory in language processing · Reproducible research · Visual World paradigm · Bayesian analysis · Research methodology · Cognitive modeling

Languages	Russian ·	Native speaker
	English ·	Advanced (C2)
	German ·	Upper Intermediate to Advanced
	Spanish ·	Basic

January 29, 2021