

## Dr. Anastasiya Lopukhina

### CURRICULUM VITAE

Born in Tula, Russia

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### EDUCATION

2011 **Candidate of Sciences** (equivalent to **Ph.D.**) in Russian Linguistics, Faculty of Philology, Lomonosov Moscow State University, Moscow, Russia

2008 **Specialist** (equivalent to **MA**) in Philology (magna cum laude), Faculty of Philology, Lomonosov Moscow State University, Moscow, Russia

### ACADEMIC POSITIONS

Current Postdoctoral Research Fellow  
Department of Psychology, Royal Holloway, University of London, UK

2016-2022 Research Fellow  
Center for Language and Brain, HSE University, Moscow, Russia

2012-2022 Research Fellow; part-time  
Department of Theoretical Semantics, Vinogradov Russian Language Institute of the Russian Academy of Sciences, Moscow, Russia

2009-2016 Teacher of Russian and Linguistics  
Public school # 179, Moscow, Russia

## PUBLICATIONS

### Journals (peer-reviewed)

- under review Laurinavichyute, A., Zuibanova, A., **Lopukhina, A.** (under review). From eye movements to language comprehension: Are eye movements in the Visual World paradigm automatic? *Cognition*.
- under review **Lopukhina, A.**, Zdorova, N., Staroverova, V., Ladinskaya, N., Kaprielova, A., Goldina, S., Vedenina, O., Bartseva, K., & Dragoy, O. (under review). Benchmark measures of eye movements during reading in Russian children. *Journal of Experimental Psychology: Learning, Memory, and Cognition*.  
Data and analysis code are available from <https://osf.io/nmgxd/>  
Preprint: <https://psyarxiv.com/2x5pk>
- under review Ladinskaya, N., **Lopukhina, A.**, & Chrabaszcz, A. (under review). A case of Russian noun case: Acquisition of inflectional case morphology by monolingual and bilingual children. *Language Acquisition*.  
Data and analysis code are available from <https://osf.io/tsdc5/>
- 2023 Zdorova, N., Malyutina, S., Laurinavichyute, A., Kaprielova, A., Zuibanova, A., & **Lopukhina, A.** (2023). Do we rely on good-enough processing in reading under auditory and visual noise? *PLoS ONE* 18(1): e0277429.  
<https://doi.org/10.1371/journal.pone.0277429>.  
Data and analysis code are available from <https://osf.io/6dy54/>
- 2023 Staroverova, V., **Lopukhina, A.**, Zdorova, N., Ladinskaya, N., Vedenina, O., Goldina, S., Kaprielova, A., Bartseva, K., & Dragoy, O. (2023). Phonological and orthographic parafoveal processing during silent reading in Russian children and adults. *Journal of Experimental Child Psychology*, 226, 105571. DOI: 10.1016/j.jecp.2022.105571  
Data and analysis code are available from <https://osf.io/6gnxe/>
- 2022 Parshina, O., **Lopukhina, A.**, & Sekerina, I. A. (2022). Can Heritage Speakers Predict Lexical and Morphosyntactic Information in Reading? *Languages*, 7(1). P. 1-19. DOI: 10.3390/languages7010060.  
Data and analysis code are available from <https://osf.io/ek827/>
- 2022 Parshina, O., **Lopukhina, A.**, Goldina, S., Iskra, E., Serebryakova, M., Staroverova, V., Zdorova, N., & Dragoy, O. (2022). Global reading processes in children with high risk of dyslexia: a scanpath analysis. *Annals of Dyslexia*, 72, P. 403-425. DOI: 10.1007/s11881-021-00251-z  
Data and analysis code are available from <https://osf.io/wmj4g/>
- 2022 Dragoy, O., Dorofeeva, S., **Lopukhina, A.**, Bolgina, T., Parshina, O., Laurinavichyute, A. (2022). Phonological Deficit and its Brain Correlates in Children with Developmental Dyslexia. *Russian Foundation for Basic Research Journal*

(*Humanities and social sciences*), 2(109). P. 145-158.

[https://www.rfbr.ru/rffi/ru/bulletin\\_humanities\\_social/o\\_2129604](https://www.rfbr.ru/rffi/ru/bulletin_humanities_social/o_2129604). In Russian.

- 2021 Arutiunian, V., **Lopukhina, A.**, Minnigulova, A., Shlyakhova, A., Davydova, E., Pereverzeva, D., Sorokin, A., Tyushkevich, S., Mamokhina, U., Danilina, K., & Dragoy, O. (2021). Language Abilities of Russian Primary-School-Aged Children with Autism Spectrum Disorder: Evidence from Comprehensive Assessment. *Journal of Autism and Developmental Disorders*, 52(2). P. 584-599. DOI: 10.1007/s10803-021-04967-0.
- 2021 Arutiunian, V., **Lopukhina, A.**, Minnigulova, A., Shlyakhova, A., Davydova, E., Pereverzeva, D., Sorokin, A., Tyushkevich, S., Mamokhina, U., Danilina, K., & Dragoy, O. (2021). Expressive and receptive language in Russian primary-school-aged children with autism spectrum disorder. *Research in Developmental Disabilities*, 117. Article 104042. DOI: 10.1016/j.ridd.2021.104042.
- 2021 Parshina, O., Sekerina, I. A., **Lopukhina, A.**, & von der Malsburg, T. (2021). Monolingual and Bilingual Reading Processes in Russian: An Exploratory Scanpath Analysis. *Reading Research Quarterly*. P. 1-24. DOI: 10.1002/rrq.414. Data and analysis code are available from <https://osf.io/9z7yv/>
- 2021 **Lopukhina, A.**, Lopukhin, K., & Laurinavichyute, A. (2021). Morphosyntactic but not lexical corpus-based probabilities can substitute for cloze probabilities in reading experiments. *PLOS One*, 16(1). P. 1-26. DOI: 10.1371/journal.pone.0246133. Data and analysis code are available from <https://osf.io/yq46b/>
- 2021 **Lopukhina, A.**, Laurinavichyute, A., Malyutina, S., Ryazanskaya, G., Savinova, E., Simdianova, A., Antonova A., & Korkina, I. (2021). Reliance on semantic and structural heuristics in sentence comprehension across the lifespan. *Quarterly Journal of Experimental Psychology*, 75(7). P. 1367–1381. DOI: 10.1177/174702182111053263. Data and analysis code are available from <https://osf.io/4f2px/>
- 2021 Apresjan, V., **Lopukhina, A.**, & Zarifyan, M. (2021). Representation of Different Types of Adjectival Polysemy in the Mental Lexicon. *Frontiers in Psychology*, 12. Article 742064. DOI: 10.3389/fpsyg.2021.742064. Data and analysis code are available from <https://github.com/MariaZarifyan/Representation-of-different-types-of-adjectival-polysemy-in-the-mental-lexicon>
- 2021 Zdorova, N., Kaprielova, A., **Lopukhina, A.**, Bartseva, K., Vedenina, O., Goldina, S., Staroverova, V., & Dragoy, O. (2021). The impact of phonological and orthographic processing on reading speed in Russian-speaking children. *The Russian Journal of Cognitive Science*, 8(1–2). P. 4–13.

cogjournal.org/eng/8/2/ZdorovaetalRJCS2021.html. In Russian.  
Data and analysis code are available from <https://osf.io/pq4a3/>

- 2020 Arutiunian, V., & **Lopukhina, A.** (2020). The effects of phonological neighborhood density in childhood word production and recognition in Russian are opposite to English. *Journal of Child Language*, 47(6). P. 1244-1262. DOI: 10.1017/S0305000920000112.  
Data and analysis code are available from <https://osf.io/yau59/>
- 2020 Yurchenko, A., **Lopukhina, A.**, & Dragoy, O. (2020). Metaphor Is Between Metonymy and Homonymy: Evidence From Event-Related Potentials. *Frontiers in Psychology*, 11. Article 2113. DOI: 10.3389/fpsyg.2020.02113.
- 2019 Nikiforova, A., **Lopukhina, A.**, Malyutina, S., Laurinavichyute, A., Ryazanskaya, G., Savinova, E., & Simdianova, A. (2019). Good-Enough Sentence Processing in Adolescents and Adults under No-Noise and Auditory-Linguistic-Noise Conditions. *The Russian Journal of Cognitive Science*, 6(2). P. 25-32.  
<http://www.cogjournal.ru/eng/6/2/index.html>
- 2019 Apresjan, V., Apresyan, Ju., Dragoy, O., Iomdin, B., Laurinavichyute, A., Levontina, I., Lopukhin, K., **Lopukhina, A.**, & Uryson, E. (2019). A Multifaceted Approach to Semantic, Statistical, and Psycholinguistic Analysis of Lexical Polysemy. *Russian Speech*, 1. P. 8-17. DOI: 10.31857/S013161170003937-9. In Russian.
- 2018 **Lopukhina, A.**, Laurinavichyute, A., Lopukhin, K., & Dragoy, O. (2018). The mental representation of polysemy across word classes. *Frontiers in Psychology*, 9. Article 192. DOI: 10.3389/fpsyg.2018.00192.  
Data and analysis code are available from <https://osf.io/staew/>

### Chapters (peer-reviewed)

- 2018 Panchenko A., **Lopukhina A.**, Ustalov D., Lopukhin K., Arefyev, N., Leontyev A., & Loukachevitch N. (2018). Russe'2018: A shared task on word sense induction for the Russian language. In: *Computational Linguistics and Intellectual Technologies. Dialogue*. P. 547-564.  
<http://www.dialog-21.ru/media/4539/panchenkoaplusetal.pdf>
- 2017 **Lopukhina, A.**, Lopukhin, K., & Nosyrev, G. (2017). Automated word sense frequency estimation for Russian nouns. In: *Quantitative Approaches to the Russian Language*. P. 89-104. <https://doi.org/10.4324/9781315105048>
- 2017 Lopukhin, K., Iomdin, B., & **Lopukhina, A.** (2017). Word sense induction for Russian: deep study and comparison with dictionaries. In: *Computational Linguistics and Intellectual Technologies. Dialogue*. P. 121-134.  
<http://www.dialog-21.ru/media/3927/lopukhinkaetal.pdf>

- 2017 **Lopukhina A.**, Lopukhin, K. (2017). Word Sense Frequency Estimation for Russian: Verbs, Adjectives, and Different Dictionaries. In: *Electronic lexicography in the 21st century. Proceedings of eLex 2017 conference*. Brno: Lexical Computing CZ s.r.o. P. 267-280.
- 2016 Iomdin, B., **Lopukhina, A.**, Lopukhin, K., & Nosyrev, G. (2016). Word sense frequency of similar polysemous words in different languages. In: *Computational Linguistics and Intellectual Technologies. Dialogue*. P. 214-225. <http://www.dialog-21.ru/media/3395/iomdinbletal.pdf>
- 2016 Lopukhin, K., & **Lopukhina, A.** (2016). Word sense disambiguation for Russian verbs using semantic vectors and dictionary entries. In: *Computational Linguistics and Intellectual Technologies. Dialogue*. P. 393-405. <http://www.dialog-21.ru/media/3408/lopukhinkalopukhinaaa.pdf>
- 2016 **Lopukhina, A.**, & Lopukhin, K. (2016). Regular polysemy: from sense vectors to sense patterns. In: *The 26th International Conference on Computational Linguistics (COLING 2016)*. P. 19-23. <https://aclanthology.org/W16-5303/>
- 2016 **Lopukhina A.**, Lopukhin, K., Iomdin B., Nosyrev, G. (2016). The Taming of the Polysemy: Automated Word Sense Frequency Estimation for Lexicographic Purposes. In: *Proceedings of the XVII EURALEX International Congress. Lexicography and Linguistic Diversity (6 – 10 September 2016)*. Tbilisi: Ivane Javakhishvili Tbilisi State University.
- 2015 Lopukhin, K., **Lopukhina A.**, Nosyrev, G. (2015). The Impact of Different Vector Space Models and Supplementary Techniques on Russian Semantic Similarity Task. In: *Computational Linguistics and Intellectual Technologies. Dialogue*, 2(14). P. 145-154. <https://www.dialog-21.ru/digests/dialog2015/materials/pdf/LopukhinKAetal.pdf>
- 2014 Iomdin, B., **Lopukhina A.**, Nosyrev, G. (2014). Towards a Word Sense Frequency Dictionary. In: *Computational Linguistics and Intellectual Technologies. Dialogue*, 13. P. 204-229. In Russian. <https://www.dialog-21.ru/digests/dialog2014/materials/pdf/IomdinBL.pdf>

## Dissertation

- 2011 Lopukhina, A. *Phonological structure of Kholmogorsky and Shenkursky dialects in the XVII century*. Doctoral dissertation. Moscow.

## NLP PROJECTS

- <http://lm.ll-cl.org/> (Predictability of word forms from the LSTM language model; co-author)  
<http://sensefreq.ruslang.ru/> (Automated word sense frequency estimation for Russian; co-author)

<http://adagram.ll-cl.org/about> (Word sense induction for Russian; with regular polysemy patterns detection; co-author)

<https://russe.nlpub.org/2018/wsi/> (Competition on word sense induction RUSSE 2018; co-organizer)

<http://russe.nlpub.ru/> (Best results in the Russian Semantic Similarity Evaluation RUSSE 2015; participant)

## GRANTS

- 2022 ~~"KoUP" Cooperation Funding, University of Potsdam "Collaboration in Methods on Infant Studies". Together with Dr. Mireia Marimon. 3252 Euro. (Recalled due to the Russian attack on Ukraine).~~
- 2019 RFBR grant for 2019-2021, #19-313-51014. *Reading acquisition in Russian-speaking school students: an eye-tracking study of linguistic processing contribution to mastering reading skills*. Principal investigator O. Dragoy. PI's assistant.
- 2018 RFBR grant for 2018-2020, #18-012-00640. *Good-enough language processing: the impact of age and noise*. **Principal investigator**. 2,1 mln. rubles
- 2018 RFBR grant for 2018-2020, #17-29-09122. *Linguistic deficit and its brain correlates in children with dyslexia*. Principal investigator O. Dragoy. Participant.
- 2017–2018 Young Faculty Support Program (Group of Young Academic Professionals) Category "New Researchers". 0,8 mln. rubles
- 2017 RHSF grant for 2017, #17-34-01052. *Russian sentence corpus as a tool for studying reading mechanisms in Russian*. Principal investigator A. Laurinavichyute. Participant.
- 2016 RSF grant for 2016-2018, #16-18-02054. *The study of Russian linguistic consciousness based on semantic, statistical, and psycholinguistic analysis of polysemy*. Principal investigator V. Apresjan. Participant.
- 2016 RHSF grant for 2016-2018, #16-04-00302. *The Preparation of the Third Issue of the Active Russian Dictionary*. Principal investigator Yu. Apresyan. Participant.

## CONFERENCE ACTIVITIES

### Organizer

- 2021 Co-organizer of the Eighth annual Summer Neurolinguistics School "The science of reading: From brain to behavior and back again"  
[https://www.hse.ru/en/neuroling/summer\\_school\\_2021](https://www.hse.ru/en/neuroling/summer_school_2021)

- 2020 Co-organizer of the Seventh annual Summer Neurolinguistics School “Child Language Development”  
[https://www.hse.ru/en/neuroling/summer\\_school\\_2020](https://www.hse.ru/en/neuroling/summer_school_2020)
- 2019 Organizer of the satellite event of the 25th AMLaP conference in Moscow — Typical and Atypical Language Development Symposium (TALDS 2019)  
[https://www.hse.ru/en/neuroling/talds\\_2019](https://www.hse.ru/en/neuroling/talds_2019)

### **Invited and guest talks**

- 2022 “Eye movements during reading in Russian-speaking typically developing children and children with dyslexia”, Chastye voprosy o sovsem ne redkikh detyakh, The Union of Pediatricians of Russia, Moscow 16 April 2022, online
- 2022 “Language assessment tools in children”, II Mezhdunarodnaya nauchno-prakticheskaya konferentsiya «Tsennost' kazhdogo», Center for Curative Pedagogics, Moscow 07-08 April 2022, online
- 2022 “Reading development in Russian-speaking typically developing children and children with dyslexia”, Redkiy mozg: Pervaya onlayn-konferentsiya o rabote mozga lyudey s neyrootlichiyami, Butterfly Children Foundation (Russia), Moscow 17-18 March 2022, online
- 2021 “Reading 101: Introduction to experimental reading research”, 8th annual Summer Neurolinguistics School “The science of reading: From brain to behavior and back again”, Moscow 28-30 June 2021, online  
<https://www.youtube.com/watch?v=0dEPTqIz3yQ>
- 2021 “Reading skills development: experimental results”, 8th conference Language issues: a young scholars’ perspective, Moscow 25–27 March 2021, online
- 2021 “Child language development: stages and mechanisms”, Russian language in the global context, Biysk, 09-29 November 2021, online
- 2019 “Good-enough language processing: the influence of age and noise”, Cognitive Workshop, St. Petersburg State University, November 2019
- 2019 “Sentence processing in adolescents”, Language Acquisition colloquium, University of Potsdam, March 2019
- 2019 “Child language development in Moscow”, UiT The Arctic University of Norway, March 2019

### **Oral presentations (1<sup>st</sup> author)**

- 2022 “Eye movements during reading in Russian-speaking typically developing children in grades 1-6”, Problems of ontolinguistics – 2022, Saint-Petersburg, 19-21 April

2022, online

- 2021 “Benchmark measures of eye movements during silent reading in Russian school students”. 5th International Neurobiology of Speech and Language Conference, St. Petersburg, Russia, 8-9 October 2021
- 2021 “Reliance on semantic and structural heuristics across the lifespan” (short oral presentation). 34th Annual CUNY Conference on Human Sentence Processing, Philadelphia, 04-06 March 2021
- 2020 “Eye movements during silent reading in children with dyslexia”. Linguistic forum: Language and Artificial Intelligence, Moscow, 12-14 November 2020
- 2019 “Good-enough processing while reading under no-noise and visual-noise conditions”. The 20th European Conference on Eye Movements, Alicante, 18-22 August 2019
- 2018 “How do we store polysemous words in the mental lexicon?”. VIII International Conference on Cognitive Sciences, Svetlogorsk, 18-21 October 2018
- 2017 “Eye movement control in the Visual World paradigm”. 5th Polish Eye Tracking Conference, Lublin, 21-23 April 2017
- 2017 “Word Sense Frequency Estimation for Russian: Verbs, Adjectives and Different Dictionaries”. eLex 2017: Lexicography from Scratch, Leiden, September 2017
- 2016 “The Taming of the Polysemy: Automated Word Sense Frequency Estimation for Lexicographic Purposes”. XVII EURALEX International Congress, Tbilisi, September 2016
- 2016 “Regular polysemy: from sense vectors to sense patterns”. The 26th International Conference on Computational Linguistics (COLING 2016); Workshop on Cognitive Aspects of the Lexicon (CogALex-V), Osaka, December 2016

### **Poster presentations (1<sup>st</sup> author)**

- 2023 “Global reading strategies in Russian-speaking children and adults: a scanpath analysis”. 36th Annual Conference on Human Sentence Processing (HSP 2023), Pittsburgh, USA, 9-11 March 2023
- 2022 “A large-scale eye-movement study of silent reading in Russian children”. Architectures and Mechanisms of Language Processing (AMLaP 2022), York, UK, 7-9 September 2022
- 2022 (1) “Scanpath analysis of eye movements during reading in children with high risk of dyslexia”,  
(2) “A large-scale eye-movement study of reading in Russian children”. The 21st



European Conference on Eye Movements (ECEM 2022), University of Leicester, UK, 21-25 August 2022

- 2021 "Eye movements during reading in Russian children with dyslexia". Cognitive Sciences in Moscow: New Research, Moscow, 23-24 June 2021
- 2021 "Developmental trajectory of grammatical role assignment in Russian". International Association for the Study of Child Language (IASCL) Conference, Philadelphia, 15-23 July 2021
- 2020 "Reliance on good-enough processing across the lifespan". Architectures and Mechanisms for Language Processing (AMLaP 2020), Potsdam, 3-5 September 2020
- 2019 "Good-enough processing in adolescents and adults under no-noise and auditory-noise conditions". Architectures and Mechanisms for Language Processing (AMLaP 2019), Moscow, 6-8 September 2019
- 2019 "Eye movements during algorithmic and good-enough sentence processing". The Fifth St.Petersburg Winter Workshop on Experimental Studies of Speech and Language (Night Whites), St. Petersburg, 16-17 December 2019
- 2018 "Good-Enough Processing in Adolescents and Adults: The Effect of Background Noise". 2nd workshop "Neurobiology of Speech and Language", St. Petersburg, 28-29 September 2018
- 2018 "Predicting cloze task results with language models". The Fourth St.Petersburg Winter Workshop on Experimental Studies of Speech and Language (Night Whites), St. Petersburg, December 2018
- 2018 "The representation of polysemous nouns, verbs, and adjectives in the mental lexicon". Linguistic Evidence 2018 - Experimental data drives linguistic theory, Tübingen, October 2018
- 2018 "Corpus is better than cloze: comparing two predictability measures". 1st international Workshop on Predictive Processing, San-Sebastian, June 2018
- 2017 "Gaze control in the visual world paradigm". The 10th Annual Embodied and Situated Language Processing Conference, Moscow, September 2017

## TEACHING

### **Russian Academy of National Economy and Public Administration (RANEPA)**

- 2022 Faculty of Psychology; Bachelor's program; 4th year, 1 semester. Course: *Psycholinguistics*.

## HSE University

- 2021 Faculty of Humanities; Bachelor's program; 4th year, 1-2 modules. Course: *Practicum in Psycholinguistics* (topics on language development and eye-tracking).
- 2018 Faculty of Humanities; Master's program; 1 year, 2-3 modules. Course: *Experimental Linguistics*.
- 2017 Faculty of Humanities; Master's program; 1 year, 2-3 modules. Course: *Experimental Linguistics*.

## Summer Schools

- 2021 Eighth annual Summer Neurolinguistics School "The science of reading: From brain to behavior and back again".  
Lecture: *Reading 101: Introduction to experimental reading research*.
- 2021 Bilingualism: theory and practice (organized by St. Petersburg State University)  
Lecture: *Psycholinguistic studies on language development in bilingual children*
- 2017 International Summer School on Typology and Lexicon (TyLex; organized by HSE University).  
Course: *Lexicon in psycholinguistics*.

## SUPERVISION

### Ph.D. theses

- Vardan Arutiunian (defended in June 2022, cum laude)  
*Language impairments in children with Autism Spectrum Disorder: Linguistic aspects*
- Nina Ladinskaya (2021-2022)  
*Russian language in the context of bilingualism: Speech development in Russian-English and Russian-Uzbek heritage speakers of preschool and school age*

### MA theses

- Anastasiya Zhuk  
*Comprehensive Language Assessment in Russian-Kazakh Bilingual Children*
- Valeriia Lezzhova  
*Assessment of Speech Impairment in Russian Children with Developmental Language Disorder Using the Standardized Test Battery RuCLAB*
- Olga Buivolova  
*Processing Genericity by Healthy Adults and Patients with Aphasia*

### BA research projects

- Vladislava Staroverova — winner of the Student Research Paper Competition at HSE University in 2021
  - (1) *Perceptual Span during Silent Reading in Russian Adults and School Students in Grades 3-4*
  - (2) *Children's and adults' Parafoveal Processes in Russian: Phonological and Orthographic Effects*
- Valeriya Lelik — winner of the Student Research Paper Competition at HSE University in 2022
  - Vocabulary Spurt' in Early Lexical Development of Russian-Speaking Children*
- Daria Mitsuk — laureate of the Student Research Paper Competition at HSE University in 2021
  - (1) *EEG Correlates of Non-Adjacent Dependency Learning Mechanisms under Passive Listening in Russian Adults*
  - (2) *Use of Stress and Statistical Cues for Speech Segmentation by Russian Infants and Adults*
- Ksenia Severina
  - Language abilities in primary-school children with Down syndrome compared to children with Autism Spectrum Disorder*
- Nadezhda Pelts
  - Stress Pattern Preference in Disyllabic Words in Russian-Speaking Adults and Russian-Learning Infants* — resulted in a research paper

under review Mitciuk, D., & Pelts, N. (2022, July 15). Stress Assignment in Disyllabic Russian Words: Testing the Idea of Syllabic Weight. *Intersection of Linguistics, Language & Culture Journal*. <https://doi.org/10.31234/osf.io/qtj4d>

- Anastasia Sycheva
  - The development of morphosyntactic skills in Russian-speaking 3-to-7-year-old children (based on the RuCLAB assessment)*
- Evgeniya Pareschina
  - Assessment of reading speed and comprehension in Russian primary-school students*
- Diana Jonboboieva
  - Assessment of reading skills in primary-school students using standardized tests and teacher's expertise*
- Sofya Goldina
  - Eye Movements during Reading in Children with Dyslexia*
- Olga Vedenina
  - Acquisition of Verbal Morphophonology in Russian 3-to-5-year-old Children and Adults*
- Anna Mokhova
  - Early Stages of the Acquisition of Nominal Grammar by Russian-speaking 1-to-3-year-old Children (Based on the CHILDES Corpus)*
- Aleksandra Salamatina
  - Tense and Aspect Production in 3-to-5-year-old Russian Children*
- Alexandra Savcenco

*Good-enough Processing in Reading in Adolescents and Adults: The Effect of Auditory Noise*

**MEDIA COVERAGE (in Russian)**

<https://sysblok.ru/neuroscience/ajtreking-i-skanpafy-kak-dvizhenija-glaz-vydajut-neuverenno-go-chitatelja/>  
<https://sysblok.ru/neuroscience/da-chto-oni-ponimajut-kak-mladency-uchatsja-govorit/>  
<https://sysblok.ru/neuroscience/jekonomija-i-len-kak-mozg-zastavljaet-nas-oshibatsja/>  
<https://www.woman.ru/news/tainy-yazyka-id665650/>  
<https://zeh.media/praktika/obrazovaniye/2560378-aytreking-poisk-mladentsev-i-poleznye-pauzy-v-rechi-chem-zanimayetsya-psikhologingvist>  
<https://www.kommersant.ru/doc/4867576>  
<https://www.kommersant.ru/doc/5051353>  
<https://knife.media/brain-language/>  
<https://ology.sh/participate/ne-dumai-chto-govorish/>  
<https://postnauka.ru/themes/lopuhina>

**FURTHER EDUCATION**

- |      |  |
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| 2021 | June 14-18, 2021 - Summer School ISOLDE: Infant Studies On Language Development in Europe, online  |
| 2020 | The Fourth Summer School on Statistical Methods for Linguistics and Psychology (SMLP), online. Stream: Advanced methods in frequentist statistics with Julia |
| 2020 | Bayesian statistical inference 2, MA course by Prof. Shravan Vasishth at the University of Potsdam   |
| 2019 | The Third Summer School on Statistical Methods for Linguistics and Psychology (SMLP), Potsdam, Germany. Bayesian stream                                      |
| 2018 | The Second Summer School on Statistical Methods for Linguistics and Psychology (SMLP), Potsdam, Germany. Frequentist stream                                  |
| 2018 | Summer School ISOLDE: Infant Studies On Language Development in Europe, Potsdam, Germany   |
| 2017 | The First Summer School on Statistical Methods for Linguistics and Psychology (SMLP), Potsdam, Germany   |
| 2017 | 29th European Summer School in Logic, Language, and Information (ESLLI 2017), Toulouse, France   |
| 2016 | 28th European Summer School in Logic, Language, and Information (ESLLI 2016), Bolzano, Italy   |
| 2015 | 27th European Summer School in Logic, Language, and Information (ESLLI 2015), Barcelona, Spain   |

## **LANGUAGES**

Russian	Native
English	Fluent
French	B2
Swedish	A1
Georgian	A1

## **SOFTWARE**

**Statistics:** R (frequentist statistics; scanpath analysis; Bayesian analysis, brms)

**Behavioral:** Linger; IbexFarm; E-prime; OpenSesame; Habit

**Eye-tracking:** Experiment Builder (sentence reading paradigm; invisible boundary paradigm; moving window paradigm; Visual World paradigm); Data Viewer; data collection using EyeLink 1000 Plus, EyeLink Portable Duo, SMI Red-m

**EEG:** ERP and time-frequency analyses using Brainstorm toolbox (MATLAB)

**DTI tractography** (basic skills): TrackVis, FSL