

Maria Korochkina

Department of Psychology / Royal Holloway, University of London
Egham, Surrey, TW20 0EX

Personal homepage: mariakna.github.io / Email: maria.korochkina@rhul.ac.uk

ORCID ID: [0000-0002-8017-7855](https://orcid.org/0000-0002-8017-7855)

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Publications

- **Korochkina, M.**, Nickels, L., & Bürki, A. (**In revision**). An investigation of behavioural and electrophysiological markers of integration in learning of novel names for novel concepts. [[pre-registration](#), [pre-print](#), [data & scripts](#)].
- **Korochkina, M.**, Sowman, P.F., Nickels, L., & Bürki, A. (**2023**). Neural correlates of encoding in novel word learning. *Collabra: Psychology*, 9 (1): 57525. <https://doi.org/10.1525/collabra.57525> [[pre-registration](#), [pre-print](#), [data & scripts](#)].
- **Korochkina, M.**, Bürki, A., & Nickels, L. (**2021**). Apples and oranges: How does learning context affect novel word learning? *Journal of Memory and Language*, 120, 104246. <https://doi.org/10.1016/j.jml.2021.104246> [[pre-registration](#), [pre-print](#), [data & scripts](#)].

Conference contributions

- **Korochkina, M.**, Nickels, L., & Bürki, A. (2023). Behavioural and electrophysiological markers of integration in novel word learning. **Talk** given at the [EPS](#) meeting in London, UK, January 4-6, 2023. [[slides](#)]
- **Korochkina, M.**, Sowman, P.F., Nickels, L., & Bürki, A. (2022). Neural correlates of encoding in learning of novel names for novel concepts. **Poster** presented at [AMLaP](#) in York, UK, September 7-9, 2022. [[poster](#)]
- **Korochkina, M.**, Bürki, A., & Nickels, L. (2021). Behavioural and electrophysiological markers of integration in novel word learning. **Talk** presented at virtual [SNL](#), October 5-8, 2021. [[slides](#)] [[supporting documentation](#)]
- **Korochkina, M.**, Nickels, L., & Bürki, A. (2020). Behavioural and electrophysiological markers of integration in novel word learning. **Poster** presented at the virtual [Psychonomics](#) meeting, November 19-22, 2020. [[slides](#)]
- **Korochkina, M.**, Nickels, L., & Bürki, A. (2020). A behavioural and electrophysiological investigation of novel word learning. **Talk** given at the virtual [Words in the World](#) conference, October 16-18, 2020. [[slides](#)]
- **Korochkina, M.**, Bürki, A., & Nickels, L. (2019). Semantic integration of new vocabulary: Does learning context matter? **Poster** presented at [ESCoP](#) in Tenerife, Spain, September 25-28, 2019. [[poster](#)]
- **Korochkina, M.**, Bürki, A., & Nickels, L. (2019). The effect of the learning context on novel word learning. **Poster** presented at [AMLaP](#) in Moscow, Russia, September 6-8, 2019. [[poster](#)]

Education

- *Sept 2018 – May 2022*: PhD in Cognitive Science, joint degree from Universities of Potsdam (Germany), Newcastle (UK), Groningen (Netherlands), and Macquarie University (Australia) ([IDEALAB](#) PhD programme); degree conferred in Oct 2022
- *Oct 2016 – June 2018*: MSc in Experimental and Clinical Linguistics ([IECL](#)), University of Potsdam
 - *Oct 2015 – Oct 2016*: MSc in [Linguistics](#), University of Potsdam. Switched to MSc IECL in Oct 2016
- *Sept 2010 – June 2015*: Diploma (equivalent to BA and MA) in [Philology](#) (Division of Romance and Germanic Philology), Lomonosov Moscow State University, Russia
 - *Sept 2014 – Feb 2015*: Semester abroad, University of Vienna, Austria
 - *Sept 2012 – Feb 2013*: Semester abroad, University of Vienna, Austria

Professional experience

- *June 2022 – present*: Postdoctoral Research Fellow, [Rastle Lab](#), Royal Holloway University of London
- *Feb 2020 – June 2022*: Academic Tutor, Macquarie University (see [Teaching](#))
- *Nov 2019 – Jan 2020*: Research Assistant, [Language Research Group](#), Macquarie University
- *July 2016 – Aug 2018*: Research Assistant, [Neurocognition of Language Lab \(NOLA\)](#), University of Potsdam
- *April 2017 – June 2018*: Research Assistant, [VasishthLab](#), University of Potsdam

Teaching

- Academic Tutor, Macquarie University
 - *Session 1**, 2021 & 2022: [PSYU3349 Design and Statistics III](#)
 - *Session 2*, 2020 & 2021: [PSYU2248 Design and Statistics II](#)
 - *Session 2*, 2020 & 2021: [SPHL3311 Acquired Speech and Language Disorders](#)
 - *Session 1*, 2020: [COGS2020 Experimental Design and Data Analysis for the Cognitive and Brain Sciences](#) (also on [GitHub](#))
- *18 Feb 2021*: Presenter, [Data analysis using \(generalised\) linear mixed effects models in R](#) (part of a series of webinars and online workshops in research training; see [here](#)), Macquarie University
- *21-25 Sept 2020*: Helper, [Introduction to R](#), Software Carpentry Workshop, Macquarie University

Academic service

- Reviewer for [Behavior Research Methods](#), [Journal of Memory and Language](#), [Advances in Cognitive Psychology](#), [Language and Speech](#), [Psychology and Neuroscience](#)
- Organiser of the [ReproducibiliTea](#) journal club at Royal Holloway University of London

*In Australia, Session 1 usually starts in the end of February and ends in the end of June, Session 2 goes from the end of July to the end of November, and Session 3 starts immediately after Session 2 and ends in the end of January the following year.

Further training and qualifications

- *30 Sept 2022*: Interactive course [Introduction to Natural Language Processing in Python](#), DataCamp [[certificate](#)]
- *12-16 Sept 2022*: [The 6th Summer School on Statistical Methods for Linguistics and Psychology \(SMLP\)](#), Bayesian Advanced Track, University of Potsdam
- *June 2021*: Badged Instructor, [The Carpentries](#)
- *Sept 2020*: MOOC [Python Data Structures](#), University of Michigan [[certificate](#)]
- *Aug 2020*: MOOC [Programming for Everybody \(Getting Started with Python\)](#), University of Michigan [[certificate](#)]
- *22 July 2020*: Workshop [MATLAB Fundamentals](#) with MathWorks, Macquarie University
- *July 2020*: MOOC [Python Basics for Data Science](#), edX (Audit)
- *Apr – July 2020*: MOOC [Understanding the Brain: The Neurobiology of Everyday Life](#), University of Chicago [[certificate](#)]
- *10-13 Dec 2019*: Workshop on Australasian Magnetoencephalography (WAM) 2019: Neurocognitive clinical applications of MEG: Present and future, Macquarie University
- *3-4 Dec 2019*: [Introduction to Python](#) with Software Carpentry, Macquarie University
- *9-13 Sept 2019*: [The 3rd Summer School on Statistical Methods for Linguistics and Psychology \(SMLP\)](#), Bayesian Advanced Track, University of Potsdam
- *19-23 Feb 2018*: Advanced Methods: Bayesian Statistics with R, Workshop, University of Potsdam
- *24-25 Apr 2017*: fNIRS-Workshop, [NIRx Medizintechnik GmbH](#), Berlin, Germany
- *Feb – Nov 2017*: Internship at the [NOLA Lab](#), University of Potsdam
- *15-16 Sept 2016*: fNIRS-Workshop, [NIRx Medizintechnik GmbH](#), Berlin, Germany
- *20-21 June 2016*: Workshop on Standardised Tests of Cognitive and Language Development in Children (SETK 2, SETK 3-5, Bayley-III, KABC-II), University of Potsdam

Honors & awards

- *Apr 2020*: [Postgraduate Research Fund](#), Macquarie University (AUD 5,000)
- *Sept 2019*: Conference travel award, [Commission for Research and Young Academics](#), University of Potsdam (EUR 1,000)
- *Sept 2019*: Conference travel award, [Potsdam Graduate School](#), University of Potsdam (EUR 500)
- *March 2019*: Financial support for test subjects as part of the dissertation, [Commission for Research and Young Academics](#), University of Potsdam (EUR 760)
- *Sept 2014*: Non-EU student exchange award (a one semester scholarship), University of Vienna (EUR 2,500)
- *Sept 2012*: Non-EU student exchange award (a one semester scholarship), University of Vienna (EUR 2,500)

Experimental techniques and programming languages

• Behavioural • EEG • Matlab • Python • R • Stata • HTML • L^AT_EX

Natural languages

• *Russian*: Native speaker • *German*: Near-native speaker • *English*: Excellent command • *Swedish*: Very good command • *Icelandic*: Beginner