

# Yury Makarov /'ju:ri mə'kɑ:rɒv/

alternatively: *Iurii Makarov*; Russian: *Юрий Юрьевич Макаров*

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**Email:** im562@cam.ac.uk **Personal page & GitHub & ResearchGate & Academia & Google Scholar**

**Affiliations:** Institute of Linguistics, RAS //  
University of Cambridge //  
Vinogradov Russian Language Institute, RAS  
*former: HSE University*

**Research interests** Phonetics/phonology interface, phonological typology, sound change, online lexicography, digital language resources, Iranian languages, Pamir languages.

**Education** **University of Cambridge** Cambridge, UK  
Master of Philosophy in theoretical and applied linguistics by thesis 2023–2024  
Thesis: The Phonetics and Phonology of Shughni (examiners: Prof. Francis Nolan, Prof. Pavel Iosad)  
Supervisor: Prof. Bert Vaux

**HSE University** Moscow, Russia  
Bachelor's degree in fundamental and computational linguistics September 2019–July 2023  
Minor in Persian Language & Culture, two-year course in Modern Standard Arabic  
Thesis: Shughni Consonants (supervisor: Dr Inna Sieber, reviewer: Dr Pavel Iosad)  
Diploma with Distinction (*GPA: 9.54 out of 10*)

**University College London** virtual  
Summer Course in English Phonetics August 2021

**NY Institute of Linguistics, Cognition and Culture** virtual  
Program in Linguistics, Cognitive and Cultural Studies January 2021

**Awards and scholarships** **Hill Foundation Scholarship to study at Cambridge (PhD)** 2024–2027  
**Hill Foundation Scholarship to study at Cambridge (MPhil)** 2023–2024  
**Master Studies for All Academic Disciplines Scholarship from the DAAD** 2023–2025  
*I was awarded but could not accept this DAAD scholarship*  
**Grant of the President of Russia for Outstanding Performance in Science** 2019–2023  
**Letter of appreciation for high professionalism, demonstrated responsibility, and effectiveness** (Moscow Region State University) 2021  
**Scholarship of the Governor of Moscow Region for Outstanding Performance in Science** 2019

**Journal publications** (*Under review*) **Verbs of changing in Persian** (Scopus, WoS, RSCI)  
E. Nikitenko, D. Fedorov & **Y. Makarov**  
*Acta Linguistica Petropolitana.*

(Accepted) **Reduction: A Brief History of the Concept (18th–20th Centuries)** (Scopus, WoS, RSCI)

Russian: *Реду́кция: краткая история понятия (XVIII–XX вв.)*

*Russkaya Rech' (Russian Speech)*.

**Principles and methods of digital lexicography** (Scopus, RSCI)

Russian: *Принципы и методы цифровой лексикографии*

*Izvestiya RAN. Seriya literatury i yazyka (The Bulletin of the Russian Academy of Sciences: Studies in Literature and Language)*, 83(4), 102–112, 2024. (DOI).

**V.I. Abaev's Historical-Etymological Dictionary: Issues in the Development of a Digital Bilingual Edition.** (WoS, RSCI)

Russian: *Историко-этимологический словарь осетинского языка В.И. Абаева: проблемы создания цифровой двуязычной версии*

O.I. Belyaev, I.A. Khomchenkova, Yu.V. Sinitsyna, V.V. Dyachkov, A.A. Byzova, A.O. Badeev, D.A. Alekseev & **Y. Makarov**

*Lomonosov Philology Journal. Series 9. Philology*, 2, 2024 (DOI).

[Review of:] **Sh. Ido, B. Mahmoodi-Bakhtiari (eds.). Tajik Linguistics. Berlin/Boston: De Gruyter Mouton, 2023. viii + 407 pp. (The Companions of Iranian Languages and Linguistics, 3.) ISBN 9783110622799.** (Scopus, WoS, RSCI)

A. Badeev, O. Belyaev & **Y. Makarov**

*Voprosy Jazykoznanija (Topics in the Study of Language)*, 6, 165–180, 2023. (DOI)

[Review:] **Vishnevskaja, G.M., Levina, T.V. Phonetic Rhapsody (A Brief Encyclopaedic Dictionary of Biographies of Phoneticians). Moscow: Izdatelskij dom Akademii Estestvoznaniya Publ., 2021. 296 p. [In Russ.]** (Scopus, RSCI)

*Izvestiya RAN. Seriya literatury i yazyka (The Bulletin of the Russian Academy of Sciences: Studies in Literature and Language)*, 82(4), 103–109, 2023. (DOI, Online)

[Review of:] **B. Sands (ed.). Click consonants. Leiden; Boston: Brill, 2020** (Scopus, WoS, RSCI)

*Voprosy Jazykoznanija (Topics in the Study of Language)*, 2, 157–162, 2022. (DOI)

Book  
sections

(Under review) **Shughni consonants in production: a palatographic study** (Scopus)

*Advances in Iranian Linguistics (Current Issues in Linguistic Theory)*.

**A new Serbian-Russian dictionary** (Scopus)

Rajna Dragičević, **Yury Makarov**, Daria Ryzhova, Yulia Shapich, & Ekaterina Yakushkina

*Lexicography and Semantics. Proceedings of the XXI EURALEX International Congress*

**Why do palatographic data have to be taken seriously?** (RSCI)

*Proceedings of the 13th International Seminar on Speech Production*, 2024. (DOI)

**Vowel lowering in final position and phonological strength: evidence for the sonority-based approach** (RSCI)

*Proceedings of the 20th Conference on Typology and Grammar for Young Scholars, 2023.* (DOI, Online)

**Aspiration length and intensity as potential acoustic cues to [voice] in final position: evidence from Shughni** (RSCI)

*Proceedings of the 20th International Congress of Phonetic Sciences, 2023.* (Online)

**Computational Study of Shughni Phonotactics** (Scopus, RSCI)

*Annual International Conference “Dialogue”, 2023.* (Online)

**Towards the Description of Shughni Morphophonology** (RSCI)

*Russian: К описанию шугнанской морфонологии: предварительные замечания*

Y. Makarov & V. A. Plungian

«...Vperjod i vverkh po lestnitse zvuchashchej». *Sbornik statej k 80-letiju Ol’gi Fjodorovny Krivnovoij [Essays in honour of O.F. Krivnova]. Moscow: Buki Vedi, 2023.* (Online)

**The Answer is Blowin’ in the Wind: What is It in Shughni That Contributes to the Typology of Final Laryngeal Neutralization?** (RSCI)

*Proceedings of the 19th Conference on Typology and Grammar for Young Scholars, 2022.* (DOI)

**Realization of the Initial Plosives in Shughni** (RSCI)

*Russian: Реализация начальных взрывных в шугнанском языке*

*Proceedings of the 8th Student Conference of the RSUH Institute of Linguistics, 2022.* (Online)

**Digital Resources for the Shughni Language** (RSCI)

Y. Makarov, M. Melenchenko & D. Novokshanov

*Proceedings of The Workshop on Resources and Technologies for Indigenous, Endangered and Lesser-Resourced Languages in Eurasia within the 13th Language Resources and Evaluation Conference, 61–64, 2022.* (Online)

Research  
experience

**Institute of Linguistics, RAS**

since 2022

Junior researcher (2022–2023: research assistant) at the Section of Typology

**Vinogradov Russian Language Institute, RAS**

since 2023

Research fellow at the Department of Corpus Linguistics and Linguistic Poetics

**University of Navarra**

2024–2025

Invited predoctoral scholar

Researching speech perception and production in minority languages’ at Prof. Mark Gibson’s Phonetics Laboratory.

**Pamir languages (pamiri.online)**

since 2020

Developing the online dictionary of Pamir languages, organizing field trips, and conducting research in phonetics and phonology.

### Research Group on Typological Features of Iranian Languages

HSE University

2022–2023

Co-investigator and organiser of the research seminar. Research area: phonetics & phonology of Shughni.

### Field trips to Vladikavkaz, Russia

August 2023, July 2024

Instrumental research on Ossetic (Iron and Digor dialects) phonetics and phonology.

### Three field trips to Khorugh, Tajikistan

HSE University; University of Central Asia

June–July 2021–2023

Shughni text glossing, instrumental research on Shughni phonetics and phonology.

### Teaching experience

#### Supervisor, University of Cambridge

2024–2025

Li7: Phonology and Morphology

Teaching supervisions (seminars for <3 students), developing curriculum, assessing students' essays

#### Teaching assistant, School of Linguistics (HSE University)

2020–2023

Phonetics & phonology; Persian language

Administering the course website, supervising student and junior assistants, grading papers.

*Main lecturers: Inna Sieber (phonetics), Alexander Podobryaev (phonology), Elena Armand (Persian).*

#### Teacher, Moscow Oblast Education Centre (“Vzlet”)

since 2020

Linguistics & Russian grammar courses

Giving lectures on Russian phonetics & morphology and linguistic typology. Team leader at the All-Russian School Olympiad in the Russian Language.

*32 prize winners out of 70 team members in total in 2021–2023.*

#### Teacher, Saint Petersburg Team for the All-Russian School Olympiad in the Russian Language

2020–2023

Russian phonetics & phonology course

Giving lectures on Russian phonetics & phonology.

### Grants

#### Developing an Academic Dictionary of the Persian Language

*Russian: Создание академического онлайн-словаря персидского языка*

RUB 222,000 from the Faculty of Humanities, HSE University

2022–2023

Principal investigator, main programmer & project coordinator. The project goal is to develop the first concise dictionary of Persian available through a user-friendly web interface.

#### Shughni Language Support Project

*Russian: Проект поддержки шугнанского языка*

RUB 600,000 from the Faculty of Humanities, HSE University

2022–2023

Developer of the semantic markup system for [pamiri.online](http://pamiri.online) and a database of verbal colexification.

### **Field and Corpus Research on the Languages of the Shughni-Rushani Group**

*Russian: Полевые и корпусные исследования языков шугнано-рушанской группы*

RUB 2,000,000 from the Academic Fund Program, HSE University (№ 22-00-034) 2022–2023

Bookkeeping, organizing the research seminar, supervising other researchers, conducting research in Shughni phonetics & phonology.

### **Computer and Corpus Instruments for Iranian Studies**

*Russian: Компьютерные и корпусные инструменты для иранистических исследований*

RUB 430,000 from the Faculty of Humanities, HSE University 2021–2022

Assisting the principal investigator; developing a web interface for editing the **Shughni dictionary**.

### **Digital Linguistic Resources for the Shughni Language**

*Russian: Компьютерные и лингвистические ресурсы для поддержки шугнанского языка*

RUB 700,000 from the Faculty of Humanities, HSE University 2020–2021

Principal investigator; developing a search engine for the future **Shughni dictionary**.

Conference presentations **The 19th International Conference "Phonetics Today"** Moscow, Dec 2024  
*Strategies of producing vowels represented by the sequences of identical graphemes (Russian: Стратегии произношения сочетаний с одинаковыми гласными);* with Sofia Sedunova

**The 19th International Conference "Phonetics Today"** Moscow, Dec 2024  
*Should we reduce reduction? (Russian: Не стоит ли редуцировать редуцицию?)*

**Linguistic Forum 2024: Semantic Shifts in World Languages** Moscow, Nov 2024  
*Online database of verbal colexifications;* with Daria Ryzhova and Daria Chistiakova

**Lexicography of the digital age** Moscow, Nov 2024  
*The OnLex platform and how it facilitates the lexicographic process*

**LabPhon 19: The 19th Conference on Laboratory Phonology** Seoul, June 2024  
*Study of incomplete voicing neutralisation in production and perception in Shughni and its methodological implications*

**The 13th International Seminar on Speech Production** Autrans, France, May 2024  
*Why do palatographic data have to be taken seriously?*

**BAAP2024: Colloquium of the British Association of Academic Phoneticians** Cardiff, March 2024  
*Essential in production, useless in perception: final aspiration in Shughni*

**Conference on Typology and Grammar for Young Scholars** Saint Petersburg, Nov 2023  
*Vowel lowering in final position and phonological strength: evidence for the sonority-based approach*

**International Congress of Phonetic Sciences** Prague, August 2023

*Aspiration length and intensity as potential acoustic cues to [voice] in final position: evidence from Shughni*

**Annual International Conference “Dialogue”** June 2023  
*Computational Study of Shughni Phonotactics*

**Workshop on the linguistic diversity of Tajikistan** Moscow, June 2023  
*Online dictionaries of Iranian Languages: next steps in development*

**Minor languages in general linguistics** Moscow, April 2023  
*Uvular stop lenition and Shughni*

**Third North American Conference in Iranian Linguistics** Los Angeles, April 2023  
*Preliminary Palatographic Study of Shughni Obstruents*

**International Scientific and Educational Conference ‘Peysikov Readings: Problems of Modern Academic Oriental Studies’** Moscow, April 2023  
*Online dictionaries of Iranian Languages*

**Corpus Technology and Computer Science in Humanities (Concort-2023)** Nizhny Novgorod, April 2023  
*Issues in creating digital etymological dictionaries (Abaev’s dictionary case study)*

**Workshop on Rare and Understudied Iranian Languages** Saint Petersburg, March 2023  
*Lenition of /q/ and Shughni*

**Saint Petersburg Winter Workshop on Experimental Studies of Speech and Language (Night Whites 2022)** Saint Petersburg, December 2022  
*Describing Shughni coronals by means of palatography*

**Conference on Typology and Grammar for Young Scholars** Saint Petersburg, Nov 2022  
*The Answer is Blowin’ in the Wind: What is It in Shughni That Contributes to the Typology of Final Laryngeal Neutralization?*

**Student Conference of the RSUH Institute of Linguistics** Moscow, October 2022  
*Realization of Initial Plosives in Shughni*

**Workshop on Resources and Technologies for Indigenous, Endangered and Lesser-resourced Languages in Eurasia within the 13th Language Resources and Evaluation Conference** Marseille, June 2022  
*Digital Resources for the Shughni Language*

Talks (Invited) **Ohio State University IESL Meetings** Oct 2024  
*On the Complex Nature of Basing Perceptual Cue-weighting on Production Data: Evidence from Shughni; with Mark Gibson*

	<i>(Invited)</i> <b>HSE University</b> <i>Phonetics in theory and practice</i>	September 2023
	<b>Research Seminar on Iranian Languages</b> <i>Final neutralization, uvular lenition and something else in Shughni (based on field materials collected in 2023)</i>	June 2023
	<b>Seminars of Linguistic Convergence Laboratory</b> <i>An annotation tool for a typological research of verbal colexifications (With Daria Ryzhova and Ekaterina Rakhilina.)</i>	April 2023
	<i>(Invited)</i> <b>HSE University Phonetics Circle</b> <i>Studying Consonants in the Field</i>	November 2022
	<b>Research Seminar on Iranian Languages</b> <i>Studying Shughni Consonants during the 2022 Field Trip to Khorugh</i>	June 2022
	<b>Research Seminar on Iranian Languages</b> <i>A Typological View on Shughni Phonetics: Consonants</i>	May 2022
	<i>(Invited)</i> <b>Workshop on Pamir Languages</b> <i>Pamiri.online, an online platform for Pamir Languages</i>	November 2021
	<b>Shughni Language Seminar</b> <i>First Steps Towards the Description of Shughni Consonants</i>	June 2021
	<i>(Invited)</i> <b>Linguistics for Everyone lectures, HSE University</b> <i>History of the IPA</i>	December 2020
	<i>(Invited)</i> <b>Linguistics for Everyone lectures, HSE University</b> <i>Russian Lexicography and Etymology</i>	October 2019
Service	<b>Indo-Iranian Languages</b> <i>Managing and review editor</i>	since 2024
	<b>Research Seminar on Iranian Languages</b> <i>Main organiser, social media manager.</i>	since 2022
	<b>Minor languages in general linguistics</b> <i>Reviewing abstracts concerning phonetics and phonology.</i>	2023
	<b>Workshop on the linguistic diversity of Tajikistan</b> <i>International event held at the Institute of Linguistics, RAS and HSE University</i> <i>Main organiser.</i>	2023



## International Congress of Phonetic Sciences

2023

Reviewing in sections: *Phonetics of Sound Change, Speech Prosody, Speech Production and Speech Physiology, Phonetics of Lesser Documented and Endangered Languages.*

### Skills

#### Programming

Python (esp. web development in Flask), HTML, JavaScript, R,  $\LaTeX$ .

#### Languages

Russian (native), English (proficient; IELTS 8.0), Persian (intermediate), Modern Standard Arabic (elementary), German (elementary), Shughni (fieldwork).

#### Other

Praat, ELAN.

### Outreach

#### Summer Linguistics School

July 2023

Russian: Летняя лингвистическая школа (ЛЛШШ)

Teaching courses in Persian, Pamir languages, and the typology of laryngeal features.

#### Linguistics for Everyone lectures

2020–2023

Media editor, event organiser.

#### Summer Linguistics School

July 2022

Russian: Летняя лингвистическая школа (ЛЛШШ)

Volunteering as a student mentor and Arabic & Persian teacher.

#### HSE University Linguistics Olympiad

2019–2020

Russian: Устная олимпиада по лингвистике (УОЛ)

Task author & reviewer; co-organiser.

### Professional member-ships

[The Philological Society \(PhilSoc\)](#), [British Association of Academic Phoneticians](#), [Association for Laboratory Phonology](#)

### Developed websites

[Pamir Languages](#) (dictionaries and other linguistic tools; interface in Russian, though project description in English is available), [Dictionary of the Persian Language](#) (WIP, in Russian & Persian), [Dictionary of the Ossetic Language](#) (WIP, in Russian & English), [Online Database on Lexical Typology](#) (WIP, in Russian).

### Other interests

I am keen on music, having spent 7 years at a music school as a piano player and choir singer. I particularly enjoy playing melodies by ear. In my spare time, I also engage in playing video games and studying Russian and Persian poetry.