

## Contacts:

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## Address:

185026, Russia, Petrozavodsk

**Citizenship:** Russia

**Birthday:** May 1, 1996

**Sex:** female



Mathematician | Teaching enthusiast | IT enthusiast | Volunteer | Learner

Interests: sensitivity analysis, modelling, experimental designs

## Current position

2019 – ...

### Lecturer

[Petrozavodsk State University](#), Russia. [Department of Mathematical Analysis](#).

- *Calculus* (seminars for 1<sup>st</sup> year students)
- *Probability and Statistics* (seminars for 2<sup>nd</sup> year students)
- *Mathematics* (seminars for 1<sup>st</sup> year students)
- *Complex analysis* (seminars for 3<sup>rd</sup> year students)

2018 – ...

### Teacher

Educational center for children and youth, Petrozavodsk, Russia. Math Club.

- *Advanced problems in mathematics* for 9<sup>th</sup> grade students (as a teacher) and for 3<sup>rd</sup> – 8<sup>th</sup> grade students (as teaching assistant)
- *Mathematical competitions, olympiads, conferences* for 6<sup>th</sup> – 11<sup>th</sup> grade students (training for competitions and organizing the trips)
- *International Mathematical Tournament of Towns* organizer (in local organizing committee)

## Education

2017 – 2019

### Master's degree in Mathematics (with honors)

Petrozavodsk State University, Russia.

- Thesis topic: “Parametrical sensitivity analysis for model of the pelagic ecosystem BFM”.
- Advisor: Ilya Chernov (Cand. (PhD) Phys. and Math.)

2013 – 2017

### Bachelor's degree in Mathematics

Petrozavodsk State University, Russia.

- Thesis topic: “Pelagic ecosystem model response for changing external parameters”.
- Advisor: Ilya Chernov (Cand. (PhD) Phys. and Math.)

## Work experience

2020

### Teacher (as a volunteer)

Winter School for young mathematicians of Mathematical Society “[Archimedes](#)”, Tara, Serbia.

2017 – 2021

### Member of award panel

The Summer Conferences of the International mathematical Tournament of Towns.

- The 32<sup>nd</sup> Summer conference of the Tournament of Towns, 2021 (online): project “**Phase spaces**” with A. Ryabichev, A. Ploskonosov, E. Khinko
- The 31<sup>st</sup> Summer Conference of the Tournament of Towns, 2019, Aranjelovac, Serbia: project “**A user’s guide to knot and link theory**” with D. Eliseev, M. Fedorov, A. Glebov, N. Khoroshavkina, E. Morozov, A. Skopenkov, R. Zivaljevic
- The 30<sup>th</sup> Summer Conference of the Tournament of Towns, 2018, Dakhovskaya, Adygey, Russia: project “**Toward algorithms of solving algebraic equations**” with A. Chilikov, A. Glebov, A. Skopenkov, B. Vukorepa
- The 29<sup>th</sup> Summer Conference of the Tournament of Towns, 2017, Dakhovskaya, Adygey, Russia: project “**Invariants of graph drawings in the plane**” with A. Ryabichev, A. Skopenkov and T. Zaitsev

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## Extra-curricular activities

2021	Further vocational training “Mathematical English”, Higher School of Economics
2019	Further vocational training “Pedagogics of higher education institutions”, PetrSU
	Occupational retraining course “Teacher education: supplementary education teacher”, PetrSU
2014 – 2015	Summer school “Contemporary mathematics”, Dubna

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## Honors, Awards and Grants

2018	2 <sup>nd</sup> degree diploma at the section “Mathematics and Computer Science Research” of 70 <sup>th</sup> All-Russian (with international participation) Scientific Conference of Students and Young Scientists of PetrSU
2017	1 <sup>st</sup> degree diploma at the section “Mathematical and Financial analysis” of 69 <sup>th</sup> All-Russian (with international participation) Scientific Conference of Students and Young Scientists of PetrSU
2016	Scholarship of Republic of Karelia for high achievements in educational, research, and social activities

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## Languages

Russian	Mother tongue
English	C1 (IELTS Academic Test 8.0: Listening 9.0, Reading 9.0, Writing 7.0, Speaking 7.0)
German	Ich lerne und spreche nur ein bisschen Deutsch

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## Technical skills

Basic	Fortran, C++, HTML, CSS, git, Linux, Gimp, Inkscape
Intermediate	R, Perl, LaTeX, vim, MS Office

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## Papers

2019	A. Enne. Parametric Sensitivity Analysis of the BFM Pelagic System Model (in Russian). <i>Master's thesis</i> . Petrozavodsk  A. Enne. Parametric Sensitivity Analysis of a Marine Ecosystem Model. Conference paper for <i>XVI All-Russian Scientific Conference “Mathematical Research in Environmental Sciences”</i> , Apatity  D. Eliseev, A. Enne, M. Fedorov, A. Glebov, N. Khoroshavkina, E. Morozov, A. Skopenkov, and R. Zivaljevic. <a href="#">A user's guide to knot and link theory</a> . Conference paper for <i>The 31st Summer conference of the International mathematical Tournament of Towns</i>
2018	A. Skopenkov, A. Chilikov, A. Enne, A. Glebov, and B. Vukorepa. <a href="#">Toward algorithms of solving algebraic equations</a> . Conference paper for <i>The 30th Summer conference of the International mathematical Tournament of Towns</i>  A. Enne. Sensitivity Analysis of Biogeochemical Flux Model. Conference paper for 70 <sup>th</sup> All-Russian (with international participation) Scientific Conference of Students and Young Scientists of PetrSU
2017	A. Enne. Response of a marine ecosystem model to variations in external conditions (in Russian). <i>Bachelor's thesis</i> . Petrozavodsk  A. Enne, A. Ryabichev, A. Scopenkov, and T. Zaitsev. <a href="#">Invariants of graph drawings in the plane</a> . Conference paper for <i>The 29th Summer conference of the International mathematical Tournament of Towns</i>