Anastasia Enne

Detailed version (see brief version here)

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<u>Citizenship:</u> Russia <u>Birthday:</u> May 1, 1996

Sex: female



Last updated: March 16, 2021

Interests: sensitivity analysis, modelling, combinatorial designs, learning, teaching.

<u>Current position</u>

2019 – ... Lecturer

Petrozavodsk State University, Russia. Department of Mathematical Analysis.

- *Calculus* (seminars for 1st year applied mathematicians and 1st year math teachers)
- Probability and Statistics (seminars for 2nd year physicists)
- Mathematics (seminars for 1st year engineers)
- *Complex analysis* (seminars for 3rd year applied mathematicians)

2018 – ... Teacher

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

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

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.

2013 – 2017 Barchelor's degree in Mathematics

Petrozavodsk State University, Russia.

- Thesis topic: «Pelagic ecosystem model response for changing external parameters».
- Advisor: Ilya Chernov.

2008 – 2013 Math Club (teachers: Belkina E. S., Kashuba E. V.).

2002 – 2013 Lyceum 40, Petrozavodsk, Russia.

Work experience

2020 Teache

Winter School for young mathematicians of Mathematical Society 'Archimedes', Tara, Serbia.

2019 Teacher

Technology park for children 'Kvantorium "Sampo"', Petrozavodsk, Russia.

2017 – 2019 III

The Summer Conferences of the International mathematical Tournament of Towns.

- The 32nd Summer conference of the Tournament of Towns, 2021 (online): project '**Phase spaces**' with A. Ryabichev, A. Ploskonosov, E. Khinko
- The 31st 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 30th 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 29th 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

2018 Teacher

Robotics club for children 'Robotrack', Petrozavodsk, Russia.

2017 – 2018 Teaching assistant (as a volunteer)

Math Club, Educational center for children and young people, Petrozavodsk, Russia.

2014 – 2017 Teaching assistant

Supplementary educational center Rovesnik, Petrozavodsk, Russia.

2013 – 2017 Teaching assistant (as a volunteer)

Math club, Petrozavodsk State University, Russia.

2016 Teacher

Karelian Summer Math School, Petrozavodsk State University, Russia.

2015 Teacher

Summer School of Programming and Math, Petrozavodsk State University, Essoila, Russia.

2014 Teaching assistant

Summer school of Mathematical department, Petrozavodsk State University, Russia.

Extra-curricular activities

2021 Course "Mathematical English", Higher School of Economics

2019 Refresher course "Pedagogics of higher education institutions", PetrSU

Refresher course "Teacher education: supplementary education teacher", PetrSU

Honors, Awards and Grants

2018 2nd degree diploma at the section "Mathematics and Computer Science Research" of 70th All-

Russian (with international participation) Scientific Conference of Students and Young Scientists

of PetrSU

2017 1st degree diploma at the section "Mathematical and Financial analysis" of 69th 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

<u>Languages</u>

Russian Mother tongue

English C1 (IELTS Academic Test 8.0: Listening 9.0, Reading 9.0, Writing 7.0, Speaking 7.0)

Technical skills

Basic Fortran, C++, HTML, CSS, git, Linux

Intermediate R, Perl, LaTeX, vim, Gimp, Inkscape, Office

Papers

2019

А. Еннэ. Параметрический анализ чувствительности модели пелагической системы BFM. Магистерская диссертация. Петрозаводск

А. Еннэ. Параметрический анализ чувствительности модели морской экосистемы. In *Труды XVI* Всероссийской научной школы «Математические исследования в естественных науках»

D. Eliseev, A. Enne, M. Fedorov, A. Glebov, N. Khoroshavkina, E. Morozov, A. Skopenkov, and R. Zivaljevic. A user's guide to knot and link theory. In *The 31st Summer conference of the International mathematical Tournament of Towns*

2018

A. Skopenkov, A. Chilikov, A. Enne, A. Glebov, and B. Vukorepa. Toward algorithms of solving algebraic equations. In *The 30th Summer conference of the International mathematical Tournament of Towns*

A. Enne. Sensitivity Analysis of Biogeochemical Flux Model. In Научноисследовательская работа обучающихся и молодых ученых : материалы 70- й Всероссийской (с международным участием) науч. конф.обучающихся и молодых ученых

2017

А. Еннэ. Исследование отклика модели морской экосистемы на вариации внешних условий. Выпускная квалификационная работа бакалавра. Петрозаводск

A. Enne, A. Ryabichev, A. Scopenkov, and T. Zaitsev. Invariants of graph drawings in the plane. In *The 29th Summer conference of the International mathematical Tournament of Towns*

References

> Ilya Chernov

Senior Research Associate in the Laboratory of Natural-Technical System Modelling, Karelian Research Centre RAS, Cand. (PhD) Phys. and Math.

⊠ <u>iachernov@yandex.ru</u>

Paolo Lazzari

National Institute of Oceanography and Applied Geophysics, PhD in Oceanography.

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