POLINA BORISOVA

75014, Paris, France
48 Bd Jourdan
Bâtiment Oikos, bureau R6-58
polina.borisova@psemail.eu

EDUCATION

Ph.D. Program	2022 – Present
Paris School of Economics, Paris, France	

Master's Program "Analysis and Policy in Economics"	2021 – 2022
Paris School of Economics, Paris, France (Graduated with Highest Honors)	GPA: 17.09/20

Master's Program "Economics: Research Program"	2020 – 2022
Higher School of Economics, Moscow, Russia (Graduated with Honors)	GPA: 9.27/10
Thesis defense took place in 2023.	

Bachelor's Program "Mathematics"	2015 – 2019
Higher School of Economics, Moscow, Russia (Graduated with Honors)	GPA: 9.41/10

RESEARCH VISITS

Visiting Scholar	Spring 2025
Columbia University (Host Professor: Navin Kartik)	New York, USA

WORK EXPERIENCE

Junior Researcher	2019 – 2020
International Laboratory of Algebraic Topology and Its Applications, HSE	Moscow, Russia

- MRI Data Processing
- Using the method of combinatorial Laplacians to identify differences in the brains of patients with Alzheimer's disease and healthy ones

TEACHING EXPERIENCE

Teaching Assistant	2022 – 2024
Université Paris 1 Panthéon-Sorbonne	Paris, France

- Optimization (IM-MAEF Program, QEM Program, DU MMEF Program), Introduction to Game Theory (Economics & Psychology Program)

Teaching Assistant	2017 – 2019
Higher School of Economics	Moscow, Russia

- Linear Algebra I (Mathematics Department), Calculus I (Mathematics Department, Biology and Biotechnology Department, Independent University of Moscow), Calculus II (Mathematics Department), Differential Equations (Mathematics Department), Advanced Microeconomics (Economics department)

School Teacher	2016 – 2017
School №1368	Moscow, Russia

- Preparing students for mathematical Olympiads

CONFERENCES AND SEMINARS WHERE I PRESENTED

European Winter Meeting of the Econometric Society	December, 2024
The University of the Balearic Islands	Palma de Majorca, Spain

SAsCA PH.D. Conference	September, 2024
Ca' Foscari University of Venice and the University of Sassari	Venice, Italy

Tor Vergata Ph.D. Conference in Economics	September, 2024
University of Rome Tor Vergata	Rome, Italy

Theory, Organization, and Markets Seminar 2024, 2025
Paris School of Economics Paris, France

Junior Game Theory Seminar 2024
HEC Paris Paris, France

PARTICIPATION IN SCHOOLS

Games and Artificial Intelligence Multidisciplinary Summer School June 2025
Université Toulouse Capitole Toulouse, France

Asian School of Economic Theory January 2025
New York University Abu Dhabi Abu Dhabi, UAE

The I.S.E.O. Summer School June 2021
I.S.E.O. Institute Brescia, Italy

Virtual Summer School on Socioeconomic Inequality June 2021
University of Chicago

SCHOLARSHIPS

Scholarship for Master's students 2021-2022
Vladimir Potanin's Foundation

Eiffel Scholarship 2021-2022
Campus France

PUBLICATIONS

"Separation of Variables for Type D_n Hitchin Systems on Hyperelliptic Curves"
Russian Mathematical Surveys, https://doi.org/10.4213/rm9935. arXiv:1902.07700

In collaboration with Oleg Sheinman **"Hitchin Systems on Hyperelliptic Curves"**
Proc. Steklov Inst. Math. 311, 22–35 (2020). https://doi.org/10.1134/S0081543820060036

WORKING PAPERS

In collaboration with Nikhil Vellodi **"Self-Prospecting: Optimal Experimentation Under Present-Bias"**
SSRN: https://ssrn.com/abstract=4828663
- Incorporation of hyperbolic discounting into continuous-time bandit problems

WORK IN PROGRESS

In collaboration with Ivan Conjeaud **"TikToks vs. Movies: How Short Content Keeps Us Scrolling"**

SKILLS

Languages: Russian (Native), English (Fluent), French (Advanced)
Programming: Python (NumPy, Pandas, oTree), MATLAB (Dynare), Mathematica, Stata
Document Creation: LaTeX

RESEARCH INTERESTS

Information Economics, Behavioral Economics