# Curriculum Vitae

**Ivan Novikov**

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## Education

- 2021–...: PhD in Mathematics, Université Paris-Dauphine;
- 2020–2021: M.Sc. in Optimization, Université Paris-Saclay;
- 2016–2020: B.Sc. in Mathematics, National Research University Higher School of Economics (Moscow).

## Publications

- *Percolation of three fluids on a honeycomb lattice*, Monatsh Math 199, 611-626 (2022). `https://doi.org/10.1007/s00605-022-01753-7`;
- *Feynman checkers: the probability to find an electron vanishes nowhere inside the light cone*, Reviews Math Physics 34:07, 2250020 (2022). `https://doi.org/10.1142/S0129055X22500209`;
- *Cutting Polygons Composed of Equal Rectangles into Similar Rectangles*. Math Notes 110, 726–731 (2021). `https://doi.org/10.1134/S0001434621110092`.

## Preprints, submitted, or work in progress

- *Zero-Sum State-Blind Stochastic Games with Vanishing Stage Duration*. Preprint;
- *Zero-Sum Stochastic Games with Vanishing Stage Duration and Public Signals*. Preprint.

## Conference Talks

- Journées annuelles 2023 du GdR MOA (Perpignan, France), 18/10/2023 – 20/10/2023, 30 minute presentation.
- The 2023 Alpine Game Theory Symposium (Grenoble, France), 26/06/2023 – 30/06/2023, lightning talk + poster presentation;

## Seminar Talks

- Combinatorial and number-theoretic problems on lattices, Higher School of Economics, Moscow (participated online), 16/02/2023;
- I.Kh. Sabitov's Seminar, Moscow State University, Moscow, 25/10/2019.

## Scholarships, awards

- 2020-2021: Sophie Germain Master's Scholarship (FMJH).

## Teaching

- Fall 2023: (L3) Differential calculus and optimization (teaching assistant, 44h, in French).

## Skills

**Computer skills:** C++, Python, Wolfram Mathematica, Matlab;

**Language skills:** English (fluent), French (fluent), Russian (mother tongue).