

## EDUCATION

Ph.D. in Economics, The University of North Carolina at Chapel Hill, USA	2021 Expected
M.A. in Economics, New Economic School, Moscow, Russia	2015
M.S. in Mathematics and Physics, Moscow Institute of Physics and Technology, Moscow, Russia	2011
B.S. in Mathematics and Physics, Moscow Institute of Physics and Technology, Moscow, Russia	2009

## RESEARCH INTERESTS

Industrial Organization, Information Economics,  
Consumer Search, Platforms, Ranking Mechanisms

## WORKING PAPERS

- **Markets with Search Frictions and Partially Informed Intermediary**

**Abstract.** The paper discusses markets with consumer's search frictions and partial information. The main finding is the better information the platform provides can decrease the average quality of the product consumers purchase and decline in the total economic welfare and consumer surplus. The mechanism is if the platform makes better advise to consumers in average what product to explore first, all consumers have lower expectations about the next products and explore them less often, which decreases the quality of purchased good for consumers who got the wrong recommendation and might lead to reduction of the average quality of purchased products. The effect appears in the case of low search cost, which makes it especially important in the analysis of online search platforms.

## WORK IN PROGRESS

- **The cost of privacy**

**Abstract.** The paper explores how the platform usage of data on consumers' personal preferences changes market welfare. Platforms like Google, Amazon, Expedia, etc. collect consumers' preferences data and use them to provide consumers better personal rankings of goods. For example, if you usually book a hotel of a certain chain, Expedia shows you this chain's hotels on higher positions on the list. On the one hand, better product ranking, based on the consumer's personal preferences helps consumers easier and faster search products which are reducing search expenditures. But on the other hand, the reduction in the search intensity provides higher market power to firms, which leads to higher prices. I analyze the net effect using a rich dataset of a searching and purchasing actions of consumers booking hotels on the Expedia site.

- **Firms entrance on ranking platforms with ordered consumer search and firms' market power**

**Abstract.** The paper shows that the entrance of new firms on ranking platforms with ordered consumer's search (e.g., Amazon and Google) can lead to an increase in the price charged by firms already presented on the market, despite increased market competition. The mechanism is as follows: an entrance of a new firm increases the chances of all other firms on the market to take low positions in the ranking, which, according to standard results of ordered search literature, leads to an increase in firms' prices.

## SOFTWARE SKILLS

Python, R, Wolfram Mathematica, Git,  $\text{\LaTeX}$ , Stata

## RESEARCH EXPERIENCE

2018	Research Assistant for <a href="#">Yunzhi Hu</a> , Kenan-Flagler Business School
2017	Research Assistant for <a href="#">Jonathan W Williams</a> , The University of North Carolina at Chapel Hill
2014	Research Assistant for <a href="#">Ruben Enikolopov</a> , New Economic School

## WORKING EXPERIENCE

2012 – 2015	Tutor: Math, Physics, Statistics, Economics, Computer Science
2010 – 2012	Air conditioners online store, CEO
2009 – 2010	Strategy Consulting, Analyst
2008	Microsoft, Marketing Department, Summer Intern

## TEACHING EXPERIENCE

2017 – Present	Instructor, The University of North Carolina at Chapel Hill, Microeconomic Theory for nonmajors, 100 students. <a href="#">Latest evaluation</a> Microeconomic Theory for majors, 30 students. <a href="#">Latest evaluation</a> Statistics and Econometrics for majors, 30 students
2016 – 2018	Undegraduate Head Teaching Assistant, The University of North Carolina at Chapel Hill, Microeconomic Theory for majors, 500 students
2014 – 2015	Graduate Teaching Assistant, New Economic School, Game theory, Ph.D. level, 20 students Optimization Methods in Economics, Ph.D. level, 20 students

## PRESENTATIONS

2020	SEA 90th Annual Meeting, New Orleans, US
2020	OLIGO Workshop, Maastricht, The Netherlands
2019	OLIGO Workshop, Nottingham, UK
2017	OLIGO Workshop, Moscow, Russia
2015	35th NES Research Conference, Moscow, Russia

## AWARDS

2019 – 2021	The Buono Family Grant for Excellence in Economics and Teaching
2017, 2019	The Graduate Student Transportation Grant, UNC
2016 – 2017	The Joseph M. Kampf and the Elizabeth and Harry Brainard families scholarship, UNC
2015 – 2021	UNC Graduate Fellowship
2014 – 2015	Vladimir Potanin Foundation Academic Excellence Fellowship
2013 – 2015	NES Academic Fellowship
2007 – 2009	Alexander Abramov Foundation Academic Excellence Fellowship