

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,
Market Power, Platforms, Consumer's Search, 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

- **Platform Switching: Steering of Consumers by Exclusive Content**

Abstract. The paper explores consumer switching between platforms in seeking access to the content provided by the platforms. The platforms manage consumer switching by providing access to the exclusive content not available on other platforms. The steering has a long-term effect, making consumers to stay on the new platform, even if they no longer have access to this exclusive content. Using rich and unique panel data from an internet service provider, I estimate the mechanism described above.

- **Dynamic self-competition: the evidence of ride-share platforms**

Abstract. I model dynamic self-competition, and test model predictions using the rich data of all shared rides in the City of Chicago in 2018-2020. Rideshare platforms face self-competition for drivers in neighbor locations and use surge-pricing to steer drivers to work in the area the platform needs. In turn, a price increase may force consumers to choose a competitor's rideshare platform, and therefore affect cross-platform competition. Using data on local weather conditions as exogenous demand shifters, I study the interaction between self- and cross-platform competitions.

- **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, \LaTeX , Stata

RESEARCH EXPERIENCE

2018 Research Assistant for Yunzhi Hu, Kenan-Flagler Business School
2017 Research Assistant for Jonathan W Williams, The University of North Carolina at Chapel Hill
2014 Research Assistant for Ruben Enikolopov, 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

2018 – Present Instructor, The University of North Carolina at Chapel Hill,
Microeconomic Theory for nonmajors, 100 students
Microeconomic Theory for majors, 30 students
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, 20 students
Optimization Methods in Economics, 20 students

PRESENTATIONS

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