

Bocconi University
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Ksenia Shakhgildyan

EMPLOYMENT

Adjunct Professor, Ettore Bocconi Department of Economics, *Bocconi University*, Milan, Italy 2022 -
Postdoctoral Research Fellow, *Bocconi University*, Milan, Italy 2020 - 2022
Associate, *Cornerstone Research*, Los Angeles, US 2019 - 2020

EDUCATION

Ph.D. in Economics, *University of California, Los Angeles*, US 2014 - 2019
M.A. in Economics, *University of California, Los Angeles*, US 2014 - 2016
M.A. in Economics, *New Economic School*, Russia 2012 - 2014
B.S./M.S. in Mathematics *summa cum laude*, *Moscow State University*, Russia 2007 - 2012

FIELDS OF INTERESTS

Industrial Organization, Econometrics

PUBLICATIONS

Nonparametric Identification and Estimation of All-Pay Auction and Contest Models,
Review of Economic Design, forthcoming

Bid Coordination in Sponsored Search Auctions: Detection Methodology and Empirical Analysis, with Francesco Decarolis, Maris Goldmanis, and Antonio Penta, *Journal of Industrial Economics*, forthcoming

Inventory Systems with Unreliable Suppliers, with Ekaterina Bulinskaya,
Communications in Statistics: Theory and Methods, Volume 43, Number 7, 3 April 2014, pp. 1563-1574

WORKING PAPERS

Artificial Intelligence, Algorithmic Bidding and Collusion in Online Advertising, with Francesco Decarolis, Gabriele Rovigatti, and Michele Rovigatti

Nonparametric Identification and Estimation of Contests with Uncertainty

Nonparametric Identification and Estimation of the Generalized Second-Price Auction

SELECTED WORK IN PROGRESS

Cross-licensing Agreements, Innovation, and Advertising

Measuring Complementarities in Vertical Markets: Evidence from the Digital Advertising Industry, with Andrea Chiantello, Francesco Decarolis, Maris Goldmanis, and Antonio Penta

Optimal Pricing on Networks

PRESENTATIONS AT CONFERENCES AND SEMINARS

- 2023 Mannheim Centre for Competition and Innovation Conference (MaCCI 2023)
- 2022 Mannheim Centre for Competition and Innovation Conference (MaCCI 2022), Workshop for Women in Economics 2022, Virtual Digital Economy Seminar (VIDE), ECONtribute Research Seminar (Cologne Department Seminar), CEPR/JIE Applied IO Conference, KIT-Paris-ZEW Workshop on Market Design, European Association for Research in Industrial Economics (EARIE 2022), International Conference on Industrial Organization and Economics, European Economic Association Meeting (EEA 2022), Joint Digital Economics Seminar (jDES)
- 2021 10th EIEF-UNIBO-IGIER Bocconi Workshop on Industrial Organization, CEPR/JIE School on Applied Industrial Organization

REFEREE

The RAND Journal of Economics, Journal of Industrial Economics, Review of Industrial Organization

TEACHING EXPERIENCE

- Topics in Applied Econometrics (Empirical Industrial Organization), Ph.D. course,
Bocconi University, Italy 2022
- Microeconomics, Undergraduate course, *Bocconi University, Italy* 2022
- Microeconomic Theory (Course Instructor), *University of California, Los Angeles, US* 2017, 2019
- Econometrics; Statistics; Microeconomic Theory (Teaching Fellow),
University of California, Los Angeles, US 2015 - 2019
- Microeconomic Theory (Teaching Assistant), *New Economic School, Russia* 2013 - 2014
- Probability Theory, Statistics (Teaching Assistant), *Moscow State University, Russia* 2013 - 2014

FELLOWSHIPS AND AWARDS

- UCLA Teaching Award 2016, 2017, 2019
- Best Presentation Proseminar Award for Econometrics 2018
- Pauley Fellowship 2014, 2017
- British Petroleum Scholarship 2013
- New Economic School Academic Scholarship 2013 - 2014
- Potanin Scholarship (leadership and IQ competition) 2012 - 2013
- Best Paper Award, Lomonosov Conference 2012
- Moscow State University Academic Scholarship 2007 - 2012
- Best Paper Award, Lomonosov Conference 2012
- Moscow City Administration Scholarship 2011

OTHER RELEVANT POSITIONS AND SERVICES

Organizer, New Economic School Alumni Seminar	2021 - 2023
Research Assistant for R.L.Matzkin, S.Sheng, G. Reeder, N. Voigtlaender (UCLA, USC)	2015 - 2018
Organizer, Econometrics Seminar (UCLA)	2016 - 2017

EXPERTISE

Programming skills: Matlab, Stata, R, Python, LaTeX, Microsoft Office, Wolfram Mathematica

Languages: Russian (Native), English (Fluent), Italian (Intermediate)