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Curriculum Vitae

Personal Data

Date of birth: 26 December 1972,
Citizenship: Russian Federation

Current Position

BP Associate Professor of Economics, from June 2012
(Associate Professor of Economics, from June 2008),
Head of the Academic Council, from June 2010,
Managing Director, Center for the Study of Diversity and Social
Interactions, from September 2013,
[New Economic School, Moscow, Russia](#)

Previous Positions

Assistant Professor, July 2002 – June 2008,
[Department of Economics, MIT, Cambridge, MA, USA](#)

Education

2002, Ph.D. in Economics,
[The Pennsylvania State University](#)
Thesis: [Essays on Auctions and Efficiency](#)
Advisor: [Vijay Krishna](#)

1997, M.A. (cum laude) in Economics,
[New Economic School, Moscow, Russia](#)

1994, Diploma (cum laude) in Mathematics,
[Moscow State University, Moscow, Russia](#),
(5 year degree with thesis, \approx M.S.)

External Funding

2015-2017, [Russian Science Foundation \(RSF\)](#): award 15-18-30081, PI, 21 mln Rus. rbs., “Economics of new information markets and their optimal design”

2011-2014, [Mistra: Arctic games](#), member of the team

2013-2014, [SkTech](#) seed grant, \$300.000 (NES), awarded/ not signed “Virtual Digital Trust: Securing Digital Transactions Without Trusted Parties,” co-PI with Silvio Micali

2006-2010, NSF: SES-0551244, \$274,272, “Cryptographic Game Theory,” co-PI with Silvio Micali.

Publications

Arctic Games: An analytical framework for identifying options for sustainable natural resource governance, with several coauthors, *the Polar Journal*, 2016, to appear

[Sponsored-Search Auctions: Empirical and Experimental Works](#), in Russian, with Denis Davydov and Alexei Smirnov, *Journal of the New Economic Association*, New Economic Association, vol. 28(4), pages 56-73, 2015

[Spatial issues in Arctic marine resource governance workshop summary and comment](#), with several coauthors, *Marine Policy*, Elsevier, vol. 58(C), pages 1-5, 2015

[Games in the Arctic: applying game theory insights to Arctic challenges](#), with Scott Cole and Eric Sjöberg, *Polar Research*, Vol. 33, August 2014

Incentives for care, litigation, and tort reform under self-serving bias”, with Claudea Landeo and Maxim Nikitin, in *Research Handbook on Economic Models Of Law*, edited by Thomas J. Miceli and Matthew J. Baker, Edward Elgar publishing, February 2014

[Theory and practice of two-sided markets \(Nobel Prize in Economics, 2012\)](#), in Russian, with Evgenia Zhelezova, Konstantin Sonin, and Irina Khovanskaya, *Voprosy Ekonomiki*, Vol. 1, pp. 4-26, January 2013

[On efficiency of the English Auction](#), with Oleksii Birulin, *Journal of Economic Theory*, Vol. 146(4), pp. 1398-1417, July 2011

[Perfect Implementation](#), with Matt Lepinski and Silvio Micali, *Games and Economic Behavior*, Vol. 71(1), pp. 121-140, Jan 2011

[Investor Sentiments](#), with Muhamet Yildiz, *American Economic Journal: Microeconomics*, Vol. 2(1), pp. 21-38, Feb 2010

[Verifiably Secure Devices](#), with Matt Lepinski and Silvio Micali, in *Proceedings of the 5th Theory of Cryptography Conference, IACR, March 2008*

[The theory of economic mechanisms \(Nobel Prize in Economics, 2007\)](#), in Russian, with Konstantin Sonin and Maria Yudkevich, *Voprosy Ekonomiki*, Vol. 1, pp. 4-26, January 2008

[Rational Secure Computation and Ideal Mechanism Design](#), with Matt Lepinski and Silvio Micali, in *Proceedings of the 46th Symposium on Foundations of Computer Science, IEEE, pp. 585-594, Oct 2005*

Working papers

Position auctions with endogenous supply (under review), with Dilyara Khakimova and Gleb Romanyuk

[Informed Seller in a Hotelling Market](#) (under review), with Filippo Balestrieri

[The Market for Surprises: Selling Substitute Goods through Lotteries](#) (under review), with Filippo Balestrieri and Joao Leao

The Behavior of Participants in the Imhonet Readers Award (under review, in Russian), with Alexander Dolgin, Kirill Evdokimov, and Grigory Kosenok

[Reserve prices in asymmetric anonymous auctions](#) (being revised), with Valery Topinsky

On Cost Overruns in Procurement (being revised), with Oleksii Birulin

Reserve Price Experiment at Yandex (being revised, currently in Russian), with Dilyara Khakimova, Michael Levin, and Valery Topinsky

Spatial competition with intermediaries, with Filippo Balestrieri and Joao Leao

Multi-firm competition with lotteries: the appropriate extension of the Hotelling model, with Filippo Balestrieri and Joao Leao

Dauids and Goliath: Spatial competition of niche and general products, with Alexey Sinyashin

How to eliminate biases in computing effectiveness of Internet advertisements: Combining real and experimental data, with Dmitry Arkhangelsky and Dilyara Khakimova

Positional variation in click conversion rates in context advertisement auctions, with Dmitry Arkhangelsky, Dilyara Khakimova, and Sergey Lyashenko

Religious landscape of Russia based on search data, with Natalya Kapelko, Dilyara Khakimova, and Dmitry Sedov (in Russian)

Online advertising world as a network: identifying markets and competition, with Natalia Kapelko, Dilyara Khakimova, and Marina Sergeeva

Games with elimination, with Dmitry Ilinsky and Alexei Savvateev

Restoring rightful order: Mixed-strategy equilibria in sequential truels with maximal payoffs to the strongest player, with Dmitry Ilinsky and Alexei Savvateev

[English Auctions with Reentry](#)

[Multi-unit Open Ascending Price Efficient Auction](#)

[Shill-bidding and Optimal Auctions](#)

Teaching

Public Economics I, NES, 2008 – 2011

Game Theory II, NES, 2009 – 2014

Microeconomics III, NES, 2010

Microeconomics II, NES, 2012, 2014 – 2015

Auction Theory, NES, 2010, 2011

Methodological Seminar, NES, 2014, 2015 (MA and BA programs)

Topics in Game Theory (14.147), MIT, Spring 2003 (jointly with Muhamet Yildiz); Spring 2004 (jointly with Drew Fudenberg),

Advanced Game Theory (14.126), MIT, Fall 2002 (jointly with Muhamet Yildiz); Fall 2003 (jointly with Drew Fudenberg),

Intermediate Micro (14.04), MIT, Fall 2002 - Fall 2006,

Topics in Contract Theory (14.129), MIT, Spring 2004 - Spring 2007,

Introductory Econometrics (ECON 490), PSU, Summer 2000,

Intermediate Micro, ISET, Tbilisi, February 2014

Advised or co-advised 4 winners of the Lombard Odier award for the best master thesis at NES: Alexei Smolin (2011, Phd student at Yale), Dmitry Arkhangelsky (2012, at Stanford GSB), Egor Starkov (2013, at Northwestern), Djulustan Nikiforov (2015, at Northwestern)

Professional Activities

Associate Editor, Economics and Mathematical Methods journal

Deputy editor-in-chief, Journal of the New Economic Association

Associate Editor, Journal of Mechanism and Institution Design

National prize for the best research in Economics, Russia, executive committee, member

National prize for the best research by a young economist, Russia, award committee member

External expert on advertisement auctions, Yandex LLC

Main organizer, 21st Coalition Theory Network Workshop, May 19-20, 2016, Moscow

Main organizer, NES CSDSI workshop “Mechanism design: new products, new markets, new models”, Nov 23-27, 2015, Moscow

Instructor's Assistant for Panel Data Analysis and Applied Econometric Time Series Analysis methodological seminars, The Economics Education and Research Consortium (EERC), Moscow, Russia, May 1998, Nov 1999

Referee: Games and Economic Behavior, Economic Systems, Econometrica, Review of Economic Studies, Journal of Economic Theory, European Economic Review, International Economic Review, Routledge Economics Books, American Economic Review, Quarterly Journal of Economics, Journal of Political Economy, Mathematics of Operations Research, MIT Press, Review of Economic Design, Theoretical Economics, Scandinavian Economic Journal, Economics and Mathematical Methods, Journal of the New Economic Association

Program committee, member, the Theoretical and Applied Economics, 59th European Meeting of the Econometric Society, Madrid, August 2004

Program committee, co-head of the Theoretical Economics Section, HSE International Academic Conferences on Economic and Social Development, 2012 – 2016

Program committee, member, European Economic Association meetings, 2013, 2014