Sergei Izmalkov

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Curriculum Vitae

Personal Data	Date of birth: 26 December 1972, Citizenship: Russian Federation
Current Position	Associate Professor, from June 2008, 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, ≈ M.S.)
Awards	NSF: SES-0551244 Title: "Cryptographic Game Theory" Anticipated total: $274,272
Publications	Perfect Implementation, joint with Matt Lepinski and Silvio Micali, *Games and Economic Behavior*, forthcoming, 2011
	On efficiency of the English Auction, joint with Oleksii Birulin, *Journal of Economic Theory*, accepted, 2010

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

[Verifiably Secure Devices,]()
joint 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 (not refereed),
        joint with Konstantin Sonin and Maria Yudkevich,
in *Voprosy Economiki, Vol. 1, pp. 4-26, January 2008*
(Теория экономических механизмов (Нобелевская премия по экономике 2007 г.), *"Вопросы экономики", № 1, стр. 4-26, 2008)*

[Rational Secure Computation and Ideal Mechanism Design,]()
joint 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 [English Auctions with Reentry]()

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

[Shill-bidding and Optimal Auctions]()

The Informed Seller Problem: the Case of Horizontal Differentiation,
joint with Filippo Balestrieri

Games of Elimination,
joint with Dmitry Ilyinsky and Alexei Savvateev

A Model of an English Auction with Jump-Bidding

Pure Equilibria and the Achievement of Correlated Equilibrium,
joint with Matt Lepinski, Silvio Micali, and Abhi Shelat

[Transparent Computation and Correlated Equilibrium,](#)
joint with Matt Lepinski, Silvio Micali, and Abhi Shelat

Non-existence of Conventional (Partially Monotone) Equilibria in
Simultaneous Lowest-Bid Procurement Auctions,
joint with Elena Krasnokutskaya

A Model of Optimal Ticket Pricing with Heterogeneous Quality and
Heterogeneous Customers,
joint with Johnatan Nauer

Teaching

Public Economics I, NES, 2008 – 2010,

Game Theory II, NES, 2009 – 2010,

Microeconomics III, NES, 2010,

Auction Theory, NES, 2010,

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.

Professional Activities

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.

Program Committee: The Theoretical and Applied Economics Program Committee for the 59th European Meeting of the Econometric Society, Madrid, August 2004.