

Curriculum vitae and list of publications

Personal Information	
First name	Kristina
Last name	Mozgovaia
Address	19, Traktornaya str
Postal code	198095
City	Saint-Petersburg
Country	Russia
E-mail	kristina.mozg@gmail.com
Phone	+79213915692
Date of birth (date, month, year)	15 October 1986

Education		
University level	Degree	PhD in Economics (specializing in the mathematical methods of Economics)
	University name	Saint-Petersburg State University of Economics
	Date (degree was obtained)	March 2014
	Degree	Specialist (Department of Applied Mathematics)
	University name	State Marine Technical University of St. Petersburg
	Date (degree was obtained)	February 2009
	Grade(s)	First class degree
	Degree	Specialist (Department of Economics and Firm Management)
	University name	State Marine Technical University of St. Petersburg
	Date (degree was obtained)	June 2009
	Grade(s)	First class degree

Current position	
Title	Associate Professor (docent)
Employers name/Institution	Department of Economics, National Research University Higher School of Economics (HSE) St. Petersburg
Date of employment	August 2015 - present
Responsibilities, tasks and skills	Teaching undergraduate and graduate (MA level) courses; Research activities: Operation Research, Mathematical modelling in Revenue Management/ Overbooking/ Network planning; Participation in research projects Participation in scientific conference and publication activities

Former employment	
Date	Job
September 2011 – August 2015	Lecturer
	National Research University Higher School of Economics (HSE) St. Petersburg
	Undergraduate courses taught at Higher School of Economics: Fundamental Economics, Macroeconomics, Microeconomics, Project Seminar

November 2010 – April 2014	Technical Manager, Department of vessel's survey Top Marine Co., St. Petersburg, Russia
	Led introduction and succeeded in developing and maintaining of in-house {document system}, which improved customer service and productivity; management of the vessel's survey in different world ports.
February 2009 – September 2010	Expert of first Category, Revenue Management Department, Commerce Direction «Rossiya Airlines OJSC», St. Petersburg, Russia
	Hired by this major Russian airline to improve Revenue Management process, to apply new RMS; Directed work and brought higher degree of automation in everyday routine Revenue Management tasks, moving towards automatic monitoring of growing FV network; Acquired hands-on experience with LH Systems Rembrandt RMS and good understanding of passenger airline business and its revenue-driving processes.

Teaching experience

Organization/school	Subject
Undergraduate courses (Higher School of Economics)	Fundamental Economics Macroeconomics Project Seminar
Graduate (MA level) courses (Higher School of Economics)	Operations Research

Prizes and awards

Date	Prize/award
December 2016	Gratitude for the work, National Research University Higher School of Economics
April 2015	3-rd prize at the competition in Prof. B.L. Ovsievich memoriam «For the fundamental research in mathematical economics carried out in Russia». The prize was given for mathematical modelling of overbooking in revenue management by Russian airlines.
January 2015 – December 2015	Young Faculty Support Program (Group of Young Academic Professionals), Category "New Lecturers", National Research University Higher School of Economics
November 2012	The winner of grant competition for students, post-graduates and young scientists of St. Petersburg (the diploma of winner)

Conferences

Date	Activity
October 2015	The second reading in Prof. B.L. Ovsievich memoriam: Economic and mathematical research: mathematical models and IT (organized by St. Petersburg Economic and Mathematical Institute of Russian Academy of Science), Saint-Petersburg, Russia. The paper title is "Mathematical modeling of overbooking in

	revenue management by Russian airlines”
October 2015	The fifth Air Law Conference (St. Petersburg, Russia). Title of presented paper: “Financial and economic substantiation of a change of legal regulations of overbooking”.
September 2015	The meeting of Russian Federation Public Chamber for debate on the bill of overbooking (Moscow, Russia). The speech about the submission of required changes to the legal regulations of Russian Federation for overbooking process.
April 2015	XVI International Scientific Conference on the Problems of Economic and Social Development (Moscow, Russia). Presented paper: “The effect of changes in the legal framework that governed Air Transport Industry in Russian Federation on the economic feasibility of overbooking”
October 2014	The fourth theoretical and practical Air Law Conference (organized by National Association Air Law), St. Petersburg, Russia. The presented paper is “Overbooking of Air Carriage under the conditions of the Legal Regulation absence”
October 2014	IV all-Russian Conference “Economic growth, resources dependence and socio-economic inequality” (organized by St. Petersburg Economic and Mathematical Institute of Russian Academy of Science), St. Petersburg, Russia “IT-solution for overbooking in airlines commerce”
May 2014	7 th International Conference “Aviation IT Forum, 2014” (Moscow, Russia) “IT Solution for the Implementation of Overbooking in the Airline Business Operations”
October 2013	VII all-Russian Conference: The first reading in Prof. B.L. Ovsievich memorial: Economic and mathematical models and IT (Saint-Petersburg, Russia) The paper title is “Airline revenue management systems and overbooking strategy”.
September 2013	The first International Conference for airlines organized by Sirena-Travel “New possibilities of distribution and increasing of revenue by airlines” (Vipiteno, Italy), was invited as an expert.
August 2012	XXXIX Session of the International Association of the top-managers of aviation enterprises (Kazan, Russia). Presented paper: “The mathematical and law aspects of overbooking”
November 2011	The International Scientific Conference “The innovative Economics: the reality and perspectives” (St. Petersburg, Russia). Presented paper: “The effect of airline ticket sales with virtual capacity of aircraft on the attendant service by airlines”
October 2011	All-Russian Conference “The modeling in the urban and regional Economics” (organized by St. Petersburg Economic and Mathematical Institute of Russian Academy of Science), Saint-Petersburg, Russia. The paper is “The revenue maximization by airlines in the transport structure of megalopolises with optimization models of sales airline tickets”
April 2011	VIII All-Russian Interuniversity Conference for young scientists (ITMO University, St. Petersburg, Russia). “An analysis of the effectiveness of overbooking strategy parameters for optimization the airline revenue” (the paper was awarded with first class diploma at the section “Applied Informatics in Economics”)
April 2011	V Annual Conference “The modern approaches to the modeling in Economics, Finance and Business”. Presented paper - “The optimization model with virtual capacity in the airline revenue management” (the paper was awarded with first class diploma at the section “Mathematical modeling in Economics”), EU SPb, St. Petersburg, Russia.

Current and previous community/organizational roles	
Organization	Status (e.g. reviewer, committee or advisory group member)
May 2016 HSE University Saint-Petersburg, Russia	Chairman of the section “The role of econometric models in modern Economy” (The Second Student International Scientific and Practical Conference)

December 2015 ANO "Centre for development of civil aviation" of Aviation cluster of the Ulyanovsk and ANO "Centre of cluster development of the Ulyanovsk region" Ulyanovsk, Russia	Advisory group member (expert) of the discussion and practical event "The week of aviation initiatives"
October 2015 St. Petersburg Economic and Mathematical Institute of Russian Academy of Science, Saint-Petersburg, Russia	Chairman of the section Mathematical models for the analysis and forecasting of economic modernization (The second reading in Prof. B.L. Ovsievich memorial: Economic and mathematical research: mathematical models and IT)
June 2015 HSE University, Perm, Russia	Advisory group member at seminar «To be or not to be: The modeling of choice in economical and social Science»
March 2010 OI-2010 (Oceanology International), London, UK	Member of student delegation from Russia
October 2010 Euronaval-2010, Paris, France	Member of student delegation from Russia

Language skills

Native language(s)	Russian
Other language(s)	English

Additional – TRAINING

November 2015	Course Intro to Academic Writing (organized by HSE University St. Petersburg, Russia)
August 2008	Summer School "Dynamics of high-speed vessels. Ground-effect wing" Faculty of Engineering, University of Palermo, Italy
Additional	
Music school diploma (class piano), Novorossiysk	
Chess school, Novorossiysk	

List of Publications

Publications (in Russian)	
Date	Publication details
2016	Proceedings of the XVI International Scientific Conference on the Problems of Economic and Social Development
	Ed.: E. Yasin. Moscow, HSE
	Mozgovaia K. The effect of changes in the legal framework that governed Air Transport Industry in Russian Federation on the economic feasibility of overbooking
2015	Proceedings of the second reading in Prof. B.L. Ovsievich memoriam: Economic and mathematical models and Information Technology
	St. Petersburg: Nestor-History
	Mozgovaia K., Fridman G. Mathematical modeling of overbooking in revenue management by Russian airlines
2014	Proceedings of the IV all-Russian Conference "Economic growth, resources dependence and socio-economic inequality"
	Saint-Petersburg: Nestor-History
	Mozgovaia K. IT-solution for overbooking in airlines commerce
2013	Proceedings of the VII all-Russian Conference: the first reading in Prof. B.L. Ovsievich memoriam: Economic and mathematical models and Information Technology
	St. Petersburg: Nestor-History
	Mozgovaia K. Airline revenue management systems and overbooking strategy
2013	IZVESTIA: Herzen University Journal of Humanities and Sciences
	Issue 154, p. 122-128
	Mozgovaia K. The using of overbooking strategy by Russian airlines under the current conditions of the Legal Regulation
2012	Proceedings of the International Scientific Conference "The innovative Economics: the reality and perspectives"
	Ed.: Butukhanov. St. Petersburg, HSE
	Mozgovaia K. The effect of airline ticket sales with virtual capacity of aircraft on the attendant service by airlines
2012	Journal "Vestnik of St. Petersburg State University of Civil Aviation"
	Issue 1(3)
	Mozgovaia K. An analysis of the economic effectiveness of the optimization method with virtual aircraft capacity
2012	Journal "Finance and Business"
	Issue 2
	Mozgovaia K., Nosova E. The necessity of airline revenue management and function of overbooking strategy at flights
2011	Journal "Izvestia of St. Petersburg State University of Economics"
	Issue 6
	Mozgovaia K. The calculation of compensation function for airline ticket sales with virtual capacity
2011	Journal "Scientific and technical Vestnik of ITMO University St. Petersburg"

	Issue 6
	Mozgovaia K., Fridman G., Yablochkina M.
	The numerical analysis of the effect of demand forecasting accuracy on the efficiency of sales with overbooking strategy
2011	Journal "Economical cybernetics" of St. Petersburg State University of Economics
	Issue 23
	Mozgovaia K.
	An application of overbooking practice as the strategy increasing the efficiency of airline revenue management processes

Additional Publications in Mass Media

2017	Mozgovaia K. Interview (Prime Time) http://tv.rbc.ru/archive/prime_time/590265ec9a794778ba3db3bd
2017	Mozgovaia K., Fridman G. Overbooking should be the rule https://www.vedomosti.ru/opinion/articles/2017/04/26/687431-overbuking-normoi
2015	Mozgovaia K., Fridman G. Who is overbooking profitable for? http://www.ato.ru/content/komu-vygodny-sverhlimitnye-prodazhi
2015	Mozgovaia K., Fridman G. Overbooking: what did you want to know, but were afraid to ask. http://www.aex.ru/docs/2/2015/7/7/2267/
2015	Mozgovaia K., Fridman G. Overbooking is strange and very dangerous. http://www.aviaport.ru/news/2015/05/18/340007.html
2013	Mozgovaia K. Introduction of an overbooking process by airlines. http://www.aex.ru/docs/3/2013/1/31/1724/
2012	Mozgovaia K. Aviation business, mathematic, economics and law. http://www.aex.ru/docs/2/2012/5/29/1580/

Additional – Articles under review or print

2017	Journal of Transport Economics and Policy Mozgovaia K., Fridman G. The characteristics of overbooking algorithm for Russian airlines
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