

Ekaterina (Kate) Astashkina

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INFORMS SLOTS 2018

SC16 – Sun, 4 Nov, 1:30pm, N Bldg 127B (3rd speaker out of 4)
TA25 - Tue, 6 Nov, 7.30am, N Bldg 131C (3rd speaker out of 4)
WB16 – Wed, 7 Nov, 11:00am, N Bldg 127B (2nd speaker out of 4)
WD11 – Wed, 7 Nov, 3:20pm, N Bldg 125B (1st speaker out of 3)

RESEARCH INTERESTS

Sustainable Operations Management, Food Waste, Online Platforms, Water Management

TEACHING INTERESTS

Core Operations Management, Business Model Innovation, Sustainable Operations Management, Food Waste Management

EDUCATION

INSEAD, France

Ph.D. in Management (Technology & Operations Management) (expected) Jun 2019

M.Sc. in Management (Technology & Operations Management) Jun 2015

Dissertation Committee: Elena Belavina, Karan Girotra, Andre Calmon

Universität Bielefeld, Germany

Universitat Autònoma de Barcelona (UAB-GSE), Spain

M.Sc. in Quantitative Economics (Joint Degree) Jul 2012

Moscow Institute of Physics and Technology, Russia

B.Sc. in Applied Mathematics and Physics, GPA: 4.9/5 Jun 2010

- *1st Minor*: Computer Science

- *2nd Minor*: Linguistics (Interpreter Degree, Eng-Rus)

WORK IN PROGRESS

[1] **The Environmental Impact of Online Grocery Retailing**,
with Elena Belavina (Cornell) and Simone Marinesi (Wharton),
under review at Management Science,
> *Finalist, 2018 IBM Service Science Best Student Paper Award*

[2] **Impact of Workforce Flexibility on Customer Satisfaction: Empirical Framework & Evidence from a Cleaning Services Platform**,
with Ruslan Momot (HEC Paris) and Marat Salikhov (INSEAD),
under review at M&SOM

[3] **Sustainable Sharing of a Scarce Resource with Uncertain Refill**,
working paper, draft available upon request

[4] **On the Efficiency of Fiscal Instruments that Combat Household Food Waste**,
with Elena Belavina (Cornell),
work in progress, results available upon request

[5] **Hyperlocal Food Sharing: A Myth or the Future?**,
work in progress, data collection stage

[6] **Choosing the Optimal Campaign Mode in Reward Based Crowdfunding**,
with Karan Girotra (Cornell Tech) and Simone Marinesi (Wharton),
work in progress

**TEACHING
MATERIALS
CREATED**

[7] **INSEAD Business School Teaching Case “Sberbank: No Queues!”**,
with Serguei Netessine,
case and teaching note published by Harvard Business Publishing,
available in English and in Russian,
in use in Executive Training Program Sberbank 500 for 4 years

**TEACHING
EXPERIENCE**

Teaching Assistant 2013 – 2018
INSEAD, France
Executive Training Program Sberbank 500 (Russia’s Largest Bank)
· Business Model Innovation class, Prof. Serguei Netessine
· Instructed over 2000 students, created homework & exam materials

Teaching Assistant Spring 2018
The University of Chicago Booth School of Business, USA
MBA Program
· Operations Management class, Prof. Elena Belavina
· Instructed over 120 students (2 sections)

Teaching Assistant Fall 2017
London Business School, UK
Executive Development Program
· Operational Innovation class, Prof. Costas Markides & Prof. Ioannis Ioannou
· Assisted with a class of 61 students, conducted grading and student clinics

Instructor Fall 2014
INSEAD, France
PhD Program
· Self-standing core Math Tutorial class (Intro to Calculus, Linear Algebra, Optimization)
· Taught 15 1.5h sessions to 1st year PhD students, created & graded homework & exam materials

Instructor Fall 2011
Universität Bielefeld, Germany
Department of Mathematics
· Optimization class, Prof. Tatiana Pasurek
· Taught 16 1.5h tutorial sessions to 20 Master-level math students, graded the midterm and final exam papers

**RESEARCH
EXPERIENCE**

Research Associate (full-time) Jul 2012 - Jul 2013
INSEAD, France
Economics & Political Science Department

- Replicated various empirical papers, collected & cleaned data, conducted regression/data analysis
- Wrote, parsed & tested the code for the geographic optimization problem
- Assisted with the development of the teaching materials for the Applied Statistics and Prices & Markets MBA classes, wrote mini-cases & exercises

Research Assistant (part-time) Sep 2008 – Dec 2009
Gaidar Institute for Economic Policy, Russia
 Department of Monetary Policy

- Data collection and analysis for Gaidar Institute annual reports
- Reported to the inflation targeting committee of Russia

AWARDS INSEAD Doctoral Scholarship 2013-2018
 Hackaton "hack4INSEAD" Winner (team competition) Spring 2015
 European Commission Erasmus Mundus Scholarship 2010-2012
 Dynasty Foundation Scholarship for Young Scientists in Economics 2009-2010
 Scholarship for Innovation in the Domain of Natural Sciences 2007-2010
 Russian Government Scholarship for Academic Excellence 2006-2010

CONFERENCE PRESENTATIONS MSOM, Dallas, TX, USA Jul 2018
 European TOM Day, Fontainebleau, France Jun 2018
 INFORMS, Houston, TX, USA Oct 2017
 MSOM, Chapel Hill, NC, USA Jun 2017
 INFORMS, Nashville, TN, USA Nov 2016
 INFORMS, Philadelphia, PA, USA Nov 2015

OTHER PUBLICATIONS *E. Astashkina, Fiscal theory of a price level in Russian economy*, Russian Economy: Young Scientists Insight (Working Papers Collection), 4th edition, January 14, 2011. ISBN 978-5-93255-301-5 (available in Russian only).

SKILLS *Computer:* STATA, R, C, Python, MS Office, L^AT_EX
Languages: Russian (native), English (fluent), German & French (conversational), Spanish (basic).

LEADERSHIP & EXPERT ROLES & ACTIVITIES Expert judge at Kellogg-Morgan Stanley Sustainable Challenge Spring 2018
 Invited Expert/Teamleader, MIPT Startup incubator for Y Combinator Spring 2017
 Invited Expert, SAFE-Q (Safeguarding Food and Environment in Qatar) Nov 2016
 INSEAD Bouldering Club, liaison 2015 – 2018
 INSEAD INDEVOR Student Club, participant 2014-2015
 Delegate of Bielefeld University QEM Department 2011 – 2012
 KPMG's International Case Competition, Dusseldorf Fall 2011
 Business Club MIPT-HSE Case Competitions Spring 2010
 Speaker for the Student Trade Union, MIPT 2007 – 2010
 Member of Student Government, MIPT 2007 – 2010
 Exit Training for Young Leaders: Time management & leadership 2007

OTHER ACTIVITIES *Sports:* Skiing (*Licensed Instructor*), Bouldering, Tennis, Dancing
Music & Art: **Diaghilev Russian Academy of Arts** 1996 – 2003
 - *1st Dept:* Choreography (Ballet), Diploma with Honors
 - *2nd Dept:* Instrument (Piano), Diploma with Honors

REFERENCES

Prof. Elena Belavina

Associate Prof. of Service Operations, SC Johnson College of Business, Cornell University,
elena@belavina.com, +1 (773) 834-3038

Prof. Karan Girotra

Paul Dubrue Chaired Prof. of Sustainable Development, INSEAD; Prof. of Operations,
Technology & Information Management, Cornell Tech & S.C. Johnson College of Business,
Cornell University,
girotra@cornell.edu, +1 (312) 823-7946

Prof. Simone Marinesi

Assistant Prof. of Operations, Information & Decisions, The Wharton School, University of
Pennsylvania,
marinesi@wharton.upenn.edu, +1 (267) 678 6372

Prof. Serguei Netessine

Vice Dean for Global Initiatives; Dhirubhai Ambani Professor of Innovation and Entrepreneur-
ship; Prof. of Operations, Information & Decisions, The Wharton School, University of
Pennsylvania,
netessin@wharton.upenn.edu, +1 (215) 573 3571