

OLGA KUZNETSOVA

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EDUCATION

- 08.2019 – 07.2023 **Aalto University School of Science, Helsinki, Finland**
PhD in Mathematics
Topic: Non-Parametric Algebraic Statistics
Advisors: Prof. Kaie Kubjas (Aalto), Prof. Bernd Sturmfels (MPI Leipzig)
- 08.2017 – 06.2019 **Aalto University School of Science, Helsinki, Finland**
MSc in Mathematics and Operations Research
- GPA: 4.8/5.0,
 - Thesis “Private Information Retrieval: Combinatorics of the Star-Product Scheme” – grade 5.0/5.0. Supervisor – Prof. Camilla Hollanti, advisor – Dr. Ragnar Freij-Hollanti
 - 01-08.2017 Pre-degree coursework in mathematical methods, abstract algebra, analysis and topology
- 10.2015 – 12.2016 **London Business School, London, UK**
Graduate Coursework in Management Science and Operations
- 03.2009 – 07.2011 **Aalto University School of Business, Helsinki, Finland**
MSc in Information and Service Management
- GPA 4.0/5.0
- 08.2010 - 07.2011 **Aalto University School of Business, Helsinki, Finland and University of Cologne, Cologne, Germany**
CEMS Masters in International Management
- Outstanding Achievement Award from University of Cologne, given to the top 10% of the total exchange student population
 - GPA 4.5/5
- 09.2007 - 05.2010 **Aalto University School of Business, Helsinki, Finland**
BSc in Business Technology
- GPA 3.8/5.0
 - Winner of student assistant grant 2009-2010 from the Department of Business Technology worth 1000 EUR
- 09.2005 - 06.2007 **Kyiv National Economic University, Kyiv, Ukraine**
Business Studies
- 146/187 ECTS credits; GPA 4.0/5.0

WORK EXPERIENCE

- 01.06.2017-31.08.2017 **AALTO UNIVERSITY SCHOOL OF SCIENCE** **Finland/UK**
Research Assistant
- 01.2014 – 09.2015 **SELF-EMPLOYED** **Finland/UK/Ukraine**
Entrepreneur/ Management Consultant
- Entrepreneur: Launched www.kapsula.com.ua, a leading apparel webstore in the Ukraine
 - Consultant:
 - Closed a crowdfunding round worth 150 000 GBP on Crowdcube for Workabode, startup that aimed to become an office space marketplace
 - Supported clients in business development, marketing and digitalisation
- 10.2011 – 01.2014 **MCKINSEY & CO** **Finland**
Management Consultant
- Specialised in business technology
 - Worked with clients in public sector, banking and payments industry, telecommunications and automotive industry in seven countries
- 09.2009 – 08.2010 **FINNISH TAX ADMINISTRATION** **Finland**
Researcher
- Developed recommendations for improvement of customer experience for individuals (4.5 million customers) and sole traders (200 000 customers). Part of Master's Thesis. 09.2009 – 02.2010
 - Forecasted adoption of tax e-return service among different customer groups. 06 – 08.2010
- 06.2008 – 12.2008 **SYNOCUS OY** **Finland**
Project Assistant
- Developed training curriculum for sales force of a multinational company in Finland
 - Supported sales by analysing target markets in Finland, Russia and the CIS and developing demo offerings
- 01.2006 – 12.2016 **TEACHING EXPERIENCE** **Multiple locations**
- Teaching Assistant: Data Models and Decisions (EMBA) at London Business School
 - Held classes on McKinsey problem-solving techniques for university students
 - Planned and delivered trainings for groups of 5 -100 people in over 15 AIESEC seminars
 - Attended Train the Trainer workshops, pedagogy classes
 - Private tutor of English

ADDITIONAL SKILLS AND ACHIEVEMENTS

ACADEMIC CONFERENCES

- 2019 Summer School on Geometric and Algebraic Combinatorics (Paris, France, June 2019)
SIAM Conference on Applied Algebraic Geometry (Bern, Switzerland, July 2019)
- 2018 Munich Workshop on Coding and Cryptography 2018 (Munich, Germany - April 2018)
ASGARD Math 2018: Real Algebraic Geometry and Tropical Mathematics (Oslo, Norway - May, 2018)
Number theory and coding theory: Contemporary applications in security (Turku, Finland – May 2018). Contributed talk
ECCO 2018: The Colombian Meeting on Combinatorics (Barranquilla, Colombia – June, 2018). Contributed talk
Nordfjordeid Summer School 2018: Combinatorics and Hodge Theory (Nordfjordeid, Norway – June, 2018)
Young Topologists Meeting 2018 (Copenhagen, Denmark – July, 2018)

- Summer School on Numerical Computing in Algebraic Geometry (Leipzig, Germany – August, 2018). Poster
- 2017 Summer School in Algebraic Statistics (Tromso, Norway – September 2018)
Connections for Women Workshop: Geometric and Topological Combinatorics (Mathematical Sciences Research Institute, Berkeley, CA)
- 2016 Trans-Atlantic Doctoral Conference (London Business School)

SERVICE

Member of the Standing Committee of the Association of European Women in Mathematics (EWM)

IT SKILLS

R, Stata, Matlab, Mathematica

LANGUAGES

Russian (native), English (fluent), Finnish (fluent)

OTHER ACHIEVEMENTS

- Business development initiatives (spokesperson for an Airbus Fly Your Ideas Challenge 2010-2011 team)
- Executive board member in AIESEC in Finland and Ukraine (2005-2008).
- Champion of Uzbekistan in Chess (under 14 in 2001 and under 18 in 2003)
- Runner-up in Uzbek National Karl Popper Debate Championship (2004).