

Olga Senicheva

3100 Swindon Way Apt 101 • 47906 IN West Lafayette • USA

E-mail: orusyaev@purdue.edu • Phone: +1(765)-476-6661

EDUCATION

- 2016 **Kuehne Logistics University (KLU), Hamburg, Germany**
PhD in Business Administration (from University of Hamburg)
Supervisors: Prof. Joern Meissner and Prof. Hartmut Stadtler
Specialization: Supply Chain Management and Logistics
Full PhD scholarship recipient from Kuehne Logistics University
- 2010 **Saint-Petersburg State University, St Petersburg, Russian Federation**
Faculty of Economics, School of Business (annual advanced training course)
- 2010 **Saint-Petersburg State University, St Petersburg, Russian Federation**
Mathematics & Mechanics Faculty, Operations Research Department
Diploma in Applied mathematics and Computer Science (equivalent to Master of Science Degree)

PROFESSIONAL EXPERIENCE

- 08/2016 - **Continuous Term Lecturer, Krannert School of Management, Purdue University, USA**
Prepared and taught the undergraduate courses: Operations Management (core),
Advanced Manufacturing Planning and Control (elective), Project Management (elective),
Logistics (elective)
- 09/2011 – **Teaching assistant, Kuehne Logistics University (KLU), Hamburg, Germany**
05/2016 Graduate Courses: Math tutorial, SAP
Prepared and co-taught the Math tutorial. Evaluated student's assignments.
Assisted in the SAP course. Co-taught the SAP Lab. Prepared and evaluated case studies.
- 09/2009 – **Quality Assurance Engineer & Developer, Arcadia Inc., St. Petersburg, Russian**
08/2011 **Federation**
Developed and controlled the quality of the Financial Solution Software for Swedish and
Finnish markets (ADITRO). Designed and maintained specifications and test cases.
Promoted the integration of UX in the software development process of the company
(Certificated Usability specialist).

PUBLICATIONS

Supply chain management in construction and engineer-to-order industries with Cigolini, R., Gosling, J., Iyer, A. V., *Production Planning and Control*, 2020.

Approximate Dynamic Programming for lateral transshipment problems in multi-location inventory systems with Joern Meissner, *EJOR*, 2018, Vol. 265 (1), p.49-64

Optimal time for an inventory repositioning in multi-location centralized networks (with Joern Meissner), Working paper

Multi-location inventory repositioning problem with lead times and multiple in-cycle transshipments (with Joern Meissner), Working paper

RESEARCH PROJECTS AND GRANTS:

- 06/2020- **Oscar Winksi SSRS reports**
08/2020 Requirements collection and analysis, modification of SSRS design for main logistics activities. Supervised 2 graduate students
- 07/202- **INDOT Winterization**
08/2020 Stakeholder interviews, data analysis, simulation modeling.
Supervised 4 graduate and 1 undergraduate students.

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- 05/2019 – **Tide Cleaners “Synchronization of an on-demand laundry service operations”**
08/2019 Data collection, modelling and analysis of a laundry service operations in Chicago.
Supervised 2 graduate and 1 undergraduate students.
- 05/2019 – **Rest Area 2.0, Indiana Department of Transportation**
08/2019 Research on innovative and sustainable solutions, analysis of opportunities and threats.
Supervised 3 graduate students.
- 05/2017 – **CORE 7FP European Commission Grant: Process and Network Design for Global**
05/2018 **Supply Chains (\$620,000)**
Modeling, data analysis and simulation of the detergent supply chain and the production process. Joint work with P&G.

AWARDS:

Outstanding and Distinguished list of teachers (Fall/Spring 2017, Fall/Spring/Summer 2018, Spring 2019, Fall 2019, Spring 2020)

Outstanding teacher – Honorable mention (2018, 2019, 2020)

- in the list of 9 instructors recognized by the graduating seniors as the top Krannert undergraduate teachers

CONFERENCE PRESENTATIONS

Multi-Location Transshipment Problems with Non-Zero Transshipment Times, POMS 2018, Houston.

Multi-Location Transshipment Problems with Non-Zero Transshipment Times, POMS 2017, Seattle.

Inventory repositioning with lateral transshipments in multi-location centralized networks, INFORMS Annual Meeting 2015, Philadelphia, USA.

Inventory repositioning with lateral transshipments in multi-location centralized networks, OR 2015, Vienna, Austria.

Optimal time to reposition inventories in multi-location centralized networks, EURO 2015, Glasgow, UK.

Approximate dynamic programming for lateral transshipment problem in multi-location inventory systems, MSOM 2015, Toronto, Canada.

RESEARCH INTERESTS:

Inventory Management, Large-scale optimization, Vaccine Supply Chain, Agricultural Supply Chain, Project Management

SERVICE EXPERIENCE

Krannert School of Management:

Advisor of the Krannert International Business Association club

Student's Hall Faculty Fellow

Honors College Student Project Mentor

KLU:

Member of Admission Committee,

Deputy of PhD representative

Production Planning and Control:

Guest Editor

OR Spectrum,

Reviewer

International Journal of Production Research,

EJOR, OMEGA, Production Planning and

Control

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LANGUAGES

English (fluent), Russian (native), German (intermediate)

PROGRAMMING AND SOFTWARE

Programming languages:

C/C++, C#, VBA

Math, Optimization and Simulation:

R, Gurobi, Maple, NetLogo, JaamSim

Others:

SAP, SQL, LATEX, Gnuplot, MS Project

REFERENCES

Prof. Joern Meissner, Ph.D.

Logistics department

Kuehne Logistics University

Email: joe@meiss.com

Prof. Maria Besiou, Ph.D.

Logistics department

Kuehne Logistics University

Email: maria.besiou@the-klu.org

Prof. Ananth Iyer, Ph.D.

Operation Management Area

Purdue University

Email: aiyer@purdue.edu