



ONDREJ OSICKA

PhD Research Scholar

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languages english (fluent), czech (native), norwegian (basic), german (basic)

RESEARCH INTERESTS

- operations research
- game theory
- collaborative logistics
- transportation
- mathematical modeling

EDUCATION

- Aug 2016 –
– today
- PhD in Management Science**
- **NHH Norwegian School of Economics**, Department of Business and Management Science, Bergen, Norway
 - doctoral thesis title (tentative): "Essays on Cooperation in Transportation and Logistics" (location-routing, stochasticity, cost allocation and coalition configuration in collaborative transportation)
 - supervisor: Mario Guajardo, co-advisor: Stein W. Wallace
- 2014 – 2016
- Ing. (MSc. equivalent) in Mathematical Engineering**
- **Brno University of Technology**, Faculty of Mechanical Engineering, Brno, Czech Republic
 - master's thesis: "Game Theory in Waste Management"
 - supervisor: Jaroslav Hrdina
 - semester abroad at Molde University College – Specialized University in Logistics, Molde, Norway, Aug 2015 – Dec 2015, Operations Management - Seminars in logistics

- 2011 – 2014 **Bc. (BSc. equivalent) in Mathematical Engineering**
- **Brno University of Technology**, Faculty of Mechanical Engineering, Brno, Czech Republic
 - bachelor's thesis: "Teorie her na grafech" ("Game theory on graphs")
 - supervisor: Jaroslav Hrdina

PUBLICATIONS

- 2016 Osička, O., Hrdina, J., Šomplák, R., Popela, P., & Pavlas, M. (2016). Shapley Value Approximation for Games with Distant Players. *Proceedings of 22nd International Conference on Soft Computing – MENDEL 2016*, 103–108. ISSN 1803-3814
- 2016 Nevrlý, V., Šomplák, R., Popela, P., Pavlas, M., Osička, O., & Kúdela, J. (2016). Heuristic Challenges for Spatially Distributed Waste Production Identification Problems. *Proceedings of 22nd International Conference on Soft Computing – MENDEL 2016*, 109–116. ISSN 1803-3814

WORK IN PROGRESS

Collaboration in Location-Routing Problems

- with Guajardo, M., and van Oost, T.

Cost Allocation in Coalition Configuration

- with Guajardo, M.

Cooperation of Customers in Traveling Salesman Problems with Profits

- with Guajardo, M., and Jörnsten, K.

CONFERENCE PRESENTATIONS

- Jun 2018 Collaborative Location-Routing
(*forthcoming*)
- 7th International Workshop on Freight Transportation and Logistics Odyssey 2018
- Jul 2017 Cost Allocation in Collaborative Transportation with Overlapping Coalitions
- 21st Conference of the International Federation of Operational Research Societies (IFORS), Quebec City, Canada
- Jan 2017 Cost Allocation and Coalition Formation in Collaborative Logistics
- 14th CEMS Research Seminar on Supply Chain Management, Riezlern, Austria
- Jun 2016 Shapley Value Approximation for Games with Distant Players
- 22nd International Conference on Soft Computing MENDEL 2016, Brno, Czech Republic

TEACHING EXPERIENCE

teaching assistant and occasional lecturer

- autumn 2016 • Decision Modelling in Business
- autumn 2017 • master's programme, Norwegian School of Economics (NHH), Bergen, Norway
- spring 2017 • Økonometri for regnskap og økonomisk styring (Econometrics for Business Research)
- spring 2018 • master's programme, Norwegian School of Economics (NHH), Bergen, Norway