



EURO mini-conference Logistics Analytics 2018



Minsk, 18-19 June 2018

Final Report



General information

The first EURO mini-conference “Logistics Analytics” (LA2018) was organized by Molde University College - Specialized University in Logistics, Belarusian State University and National Academy of Sciences of Belarus, and hosted by the Belarusian State University.

The aim of the conference was to bring together researchers and practitioners from Western and Eastern Europe interested in the development of analytical models, methods and tools for various logistics applications, with the focus on new trends. Hosting the mini-EURO conference in Minsk gave a great opportunity to share knowledge and develop world level research in Belarus that has new modern logistics infrastructure and a great need in intelligent logistics and related data analysis solutions.

The event was organized within the activities of the joint academic collaboration project in the development of Norwegian-Belarusian research-based education in logistics with the support of Norwegian Centre for International Cooperation in Education (SIU).

The program of LA2018 consisted of invited and contributed papers. The main topics of interest were methods, mathematical models and computational algorithms to solve and support the solutions of theoretical and applied problems in the field of logistics and data analytics. The applications included supply chain management, transportation and distribution, vehicle routing, production logistics, scheduling, inventory management, path planning, packing and partitioning, econometric modeling and data analysis, information technologies in logistics, service logistics, international logistics, energy logistics, Arctic logistics, education logistics, industrial and business applications.

Committees

During the conference, the organizational duties were distributed between an International *Scientific Committee* and the local *Organizing Committee*.

The *Scientific Committee* was composed by Irina Gribkovskaia (co-chair) (Molde University College, Norway), Mikhail Kovalyov (co-chair) (National Academy of Sciences, Belarus), Gilbert Laporte (HEC Montreal, Canada), Erwin Pesch (University of Siegen, Germany), Jaume Barcelo (Technical University of Catalonia, Spain), Daniele Vigo (DEI Università di Bologna, Italy), Alexandre Dolgui (IMT Atlantique, France), Gunes Erdogan (University of Bath, United Kingdom), Lars Magnus Hvattum (Molde University College, Norway), S. Armagan Tarim (Cankaya University, Turkey), Vitaly Demidenko (Belarusian State Economic University, Belarus), Jacek Blazewicz (Poznan University of Technology, Poland), Geir Hasle (SINTEF, Norway) and Vladimir Kotov (Belarusian State University, Belarus).

The *Organizing Committee* was composed by Arild Hoff (co-chair) (Molde University College, Norway), Sergei Markov (co-chair) (Belarusian State University, Belarus), Volha Kazantsava (Belarusian State University, Belarus) and Yauhen Maisiuk (Molde University College, Norway).

Conference program

The conference started on June 18th at the Rector Building of the Belarusian State University with the Opening chaired by the conference co-chairs Mikhail Kovalyov and Irina Gribkovskaia, and continued at the Faculty of International Relations with plenary and parallel sessions.

The Scientific Program included four plenary talks “Goods Distribution with Electric Vehicles” by Gilbert Laporte (Canada Research Chair in Distribution Management, HEC Montreal, Canada), “Methodological Notes on the Use of Data Analytics in Transportation Analysis” by Jaume Barceló (Universitat Politècnica de Catalunya, Strategic Advisor on Transport Modeling at PTV Group, Spain), “Intermodal Container Transport and the New Silk Road” by Erwin Pesch (Siegen University, HHL Leipzig Graduate School of Management, Germany) and “Selected Optimization Problems in Last-Mile Delivery” by Daniele Vigo (Coordinator of the EURO working group on Vehicle Routing and Logistics optimization, Bologna University, Italy). More than 74 authors presented their results, and 77 participants from fourteen countries attended twenty four parallel sessions in 16 thematic directions.

Social program

The conference offered a social program to experience some of the most interesting aspects of Minsk life such as its tremendous historical heritage, famous architecture in Stalins Empire style, great culture and tasty national food. The Welcome Reception event was organized in two sites: Hotel Monasyrski and Hotel Garni in the historical center of Minsk, and the conference dinner was organized in a cultural place called “Gray”. In addition, participants attended ballet “Bayaderka” at the National Opera and Ballet Theatre, round-city bus excursion and visited museum of the History of the Second World War.

Call for Full Papers

Participants of LA2018 were invited to submit a full paper for possible publication in Omega – The International Journal of Management Science.

LA2018 was supported by EURO (The Association of European Operational Research Societies), Diku (Norwegian Agency for International Cooperation and Quality Enhancement in Higher Education) and Molde University College - Specialized University in Logistics.

On behalf of the Scientific Committee



Mikhail Kovalyov and Irina Gribkovskaia

Minsk, Belarus, Molde, Norway
October 26th 2018

Annex 1 – List of invited plenary speakers and committee members from Belarus who have benefited of EURO financial support

Surname	Name	Country	Affiliation	Position	Fee (Euro)	EURO support (Euro)
Laporte	Gilbert	Canada	HEC Montreal	Invited plenary speaker		1808,14
Barcelo	Jaume	Spain	Universitat Politecnica Catalunya	Invited plenary speaker		810,59
Vigo	Daniele	Italy	Bologna University	Invited plenary speaker		1023,19
Pesch	Erwin	Germany	Siegen University	Invited plenary speaker		353,12
Kovalyov	Mikhail	Belarus	UIIP National Science Academy	Scientific Committee Chair	250	250
Kotov	Vladimir	Belarus	Belarusian State University	Scientific Committee Member	250	250
Markov	Sergei	Belarus	Belarusian State University	Organizing Committee Chair	250	250
Kazantsava	Volha	Belarus	Belarusian State University	Organizing Committee Member	250	250