TOPIC 4 ECONOMICS AND MANAGEMENT IN TRANSPORT

Thursday, May 30, 2019
08:30 – 10:30

Chairpersons: Borna Abramovic, Croatia
Jozef Gasparik, Slovak Republic

Optimization of using recuperative braking energy on a double-track railway line
Michał Urbaniak (PL), Ewa Kardas-Cinal (PL)

Logistics projects in the Czech Republic
Tereza Belantova (CZ), Katerina Galova (CZ), Pavel Taraba (CZ)

Designing of logistics systems with using of computer simulation and emulation
Monika Buckova (SK), Radovan Skokan (SK), Miroslav Fusko (SK), Robert Hodon (SK)

The use of computer simulation in the company that carries out the assembly of products
Milan Martinkovic (SK), Branislav Micieta (SK), Vladimira Binasova (SK), Iveta Medvecka (SK), Miroslava Barbusova (SK)

Online reputation in the transport and logistics field
Diana Zrakova (SK), Maria Demjanovicova (SK), Milan Kubina (SK)

Research on the relationship between transport performance in road freight transport and revenues from excise duty on diesel fuel in selected European countries
Pavol Varjan (SK), Jozef Gnap (SK), Pavol Drana (SK), Mariusz Kostrzewski (PL)

Identification of change seasonality of demand to transportation in road freight transport
Juraj Hammer (SK), Milos Poliak (SK), Marek Jaskiewicz (PL), Zdenek Riha (CZ)

The Danube river and its importance on the Danube countries in cargo transport
Andrej David (SK), Emilia Madudova (SK)

Identification of letterbox companies in the road transport sector
Patricia Simurkova (SK), Milos Poliak (SK)

Transport management in Polish cities in the context of the European sustainable transport concept
Eva Nedeliakova (SK), Renata Stasiak – Betlejewska (PL)
Thursday, May 30, 2019
11:00 – 13:00

Chairpersons: Alena Novak Sedlackova, Slovak Republic
              Borna Abramovic, Croatia

Variants of air navigation service providers’ business models
Matus Materna (SK)

Do the Slovak airports need the state economic framework for financial support?
Alena Novak Sedlackova (SK), Denisa Svecova (SK)

How digital transformation can influence business model, Case study for transport industry
Tatiana Genzorova (SK), Tatiana Corejova (SK), Natalia Stalmasekova (SK)

Identifying the derived utility function of transport services: case study of rail
and sea container transport
Emilia Madudova (SK), Andrej David (SK)

Impact of digital technologies on labor market and the transport sector
Roman Chinoracky (SK), Tatiana Corejova (SK)

Trends of scale-up effects of ICT sector
Tatiana Corejova (SK), Emilia Madudova (SK)

Simulation of queuing system of post office
Silvia Dutkova (SK), Karol Achimsky (SK), Dominika Hostakova (SK)

Concept of smart postal mailbox
Stanislava Turska (SK), Lucia Madlenakova (SK)

The image of the postal company as a key attribute of the customer’s purchasing behaviour
Lucia Madlenakova (SK), Stanislava Turska (SK), Radovan Madlenak (SK)

Model of waste transportation management in the conditions of a production company
Mykhailo Dobroselskyi (SK), Radovan Madlenak (SK)
Classification of roads according to the HCM6 method and its application in Polish conditions
Marcin Debinski (PL), Janusz Bohatkiewicz (PL), Jan Ziebowicz (PL)

Road user effects related to pavement degradation based on the highway development and management tools
Jan Mikolaj (SK), Lubos Remek (SK), Martina Margorinova (SK)

The amount of subsidy for the electric vehicle in Slovakia through a strategic cost calculation
Marek Potkany (SK), Petra Lesnikova (SK)

Calculation of external costs from production of direct and indirect emissions from traffic operation
Frantisek Petro (SK), Vladimir Konecny (SK)

Equity fare system: Factors affecting fare structure in integrated passenger transport
Denis Sipus (HR), Borna Abramovic (HR), Slaven Gasparovic (HR)

The current state of the application of risk management in the transport sector
Maria Hudakova (SK), Matej Masar (SK), Ladislav Simak (SK), Daniel Brezina (SK)

Comparison of transport problems in process of evacuation
Daniel Brezina (SK), Ladislav Simak (SK), Maria Hudakova (SK), Matej Masar (SK)

The design of manufacturing line configurations with multiagent logistics system
Vladimir Vavrik (SK), Milan Gregor (SK), Martin Marschall (SK), Patrik Grznar (SK), Stefan Mozol (SK)

Data collection for ergonomic evaluation at logistics workplaces using sensor system
Blanka Horvathova (SK), Luboslav Dulina (SK), Ivana Cechova (SK), Martin Gaso (SK), Eleonora Bigosova (SK)

Quality factors of transport process
Miroslav Drljaca (HR), Vesna Sesar (HR)
Friday, May 31, 2019
11:00 – 13:00

Chairpersons:  Renata Stasiak-Betlejewska, Poland
               Eva Nedeliakova, Slovak Republic

New curriculum development in V4 countries
Marcin Paweska (PL)

Evaluation of quality of services provided by transport & logistics operator from pharmaceutical industry for improvement purposes
Krzysztof Knop (PL)

The quality standardization in suburban bus transport by the transformation of the service quality loop
Robert Berezny (SK), Vladimir Konecny (SK)

The current state of project risk management in the transport sector
Matej Masar (SK), Maria Hudakova (SK), Ladislav Simak (SK), Daniel Brezina (SK)

Risk management in traditional and agile project management
Katarina Buganova (SK), Jana Simickova (SK)

Application of multicriteria decision-making methods for the optimal evacuation
Daniel Brezina (SK), Ladislav Simak (SK), Maria Hudakova (SK), Matej Masar (SK)

The strategy for implementation of the digitization in factories
Miroslav Fusko (SK), Monika Buckova (SK), Martin Krajcovic (SK), Radovan Svitk (SK)

The efficiency of investment in human capital in IT enterprises
Martin Miciak (SK)

Social costs of the road project in the operation phase
Martina Margorinova (SK), Maria Trojanova (SK)