

LOGIC 2017 - Preliminary conference program

Thursday, 25th May 2017

09⁰⁰-10⁰⁰ Registration

10⁰⁰-12⁰⁰ OPENING CEREMONY (Room 128)

- **Welcome addresses**
 - Dean of Faculty of Transport and Traffic Engineering, University of Belgrade
 - Head of LOGIC 2017 Program Committee
 - Ministry of Construction, Transport and Infrastructure, Republic of Serbia
 - Milšped
 - Delhaize Serbia
 - Chamber of Commerce and Industry of Serbia
 - Belgrade Chamber of Commerce
- **Plenary session talks**
 - HANDLING UNCERTAINTY AS A HUMAN FACTOR IN LOGISTICS
Prof.dr Mauro Dell'Orco, Technical University of Bari (Italy)
 - ENERGY VEHICLE ROUTING PROBLEM FOR DIFFERENTLY SIZED AND POWERED VEHICLES
Prof. Dr. Herbert Kopfer, University of Bremen (Germany)

12⁰⁰-13⁰⁰ Welcome reception (Coffee Room)

13⁰⁰-14³⁰ PARALLEL SESSIONS

• **Optimization and modeling in logistics and transportation (Room 128)**

Chair:

- NEW MATHEMATICAL FORMULATIONS OF THE DYNAMIC BERTH ALLOCATION PROBLEM
Miloš Nikolić, Dušan Teodorović
- SOLVING THE DYNAMIC VEHICLE ROUTING PROBLEM BY A HONEY BEE-INSPIRED METAHEURISTIC ALGORITHM
Leonardo Caggiani, Mauro Dell'Orco, Mario Marinelli, Michele Ottomanelli, Stefania Sinesi
- THE VEHICLE ROUTING OPTIMIZATION WITH DEPENDENCE ON VEHICLE LOAD
Zuzana Čičková, Juraj Pekár, Ivan Brezina
- HEURISTIC APPROACH TO INVENTORY CENTRALIZATION
Dražen Popović, Nenad Bjelić
- A MULTI-OBJECTIVE MODEL FOR UNDESIRABLE FACILITY LOCATION
Branka Dimitrijević, Branislava Ratković, Milica Šelmić
- SCHEDULING OF VEHICLES IN SUGAR BEET TRANSPORT
Dragana Drenovac, Milorad Vidović

• **Logistics concepts and strategies - PART I (Room 325)**

Chair:

- IMPACT OF LOGISTICS MANAGEMENT AND SUPPLY CHAIN STRATEGY ON SHAREHOLDER VALUE
Marko Miljković, Jelica Petrović-Vujačić

- ENVIRONMENTAL CHALLENGES IN MARITIME TRANSPORT
Marina Zanne, Bojan Beškovnik, Elen Twrdy
- SUSTAINABILITY OF THE CITY LOGISTICS INITIATIVES
Snežana Tadić, Slobodan Zečević, Mladen Krstić
- AIR CARGO TRANSPORT IN SERBIA: ANALYSIS, DRIVERS AND TRENDS
Milica Kalić, Danica Babić, Slavica Dožić
- SERVICE QUALITY IN RIVER TRANSPORTATION: BELGRADE CASE STUDY
Katarina Vukadinović, Stanko Kantar, Danijela Pjevčević, Ivana Vukićević Biševac, Ivana Jovanović
- LOGISTICS IN THE RIVER CRUISE PRODUCTS
Petar Brodarić

• **Logistics terminals (Room 326)**

Chair:

- MULTI-CRITERIA EVALUATION OF THE INTERMODAL TERMINAL TECHNOLOGIES
Slobodan Zečević, Snežana Tadić, Mladen Krstić
- THE ROLE OF GIS IN PORT HINTERLAND MODELLING BASED ON PORT CHOICE
Klemen Prah, Tomaž Kramberger, Bojan Rupnik
- GRAVITATIONAL ZONES OF THE PORT OF RIJEKA
Martina Furdić, Nikolina Brnjac, Jasmina Pašagić Škrinjar, Borna Abramović
- PERFORMANCE ANALYSIS OF TRANSSHIPMENT PROCESSES IN CROSS DOCK TERMINALS
Bratislav Lazić, Gordana Radivojević, Gorana Šormaz
- CONSIDERATION OF THE PORT OF BRČKO CONTAINER TERMINAL IN THE CONTEXT LOGISTICS SERVICE IMPROVEMENT
Nedžad Branković, Smajo Salketić, Azra Ferizović

14³⁰-14⁵⁰ Coffee break (Coffee Room)

14⁵⁰-16²⁰ PARALLEL SESSIONS

• **Quality management and performance measures in logistics (Room 128)**

Chair:

- MULTI-CRITERIA DECISION MAKING APPLICATIONS TO INTEGRATE SUSTAINABILITY INITIATIVE INTO THE THIRD PARTY LOGISTICS PROVIDER SELECTION PROCESS
Patricija Bajec, Danijela Tuljak-Suban
- LOGISTICS PERFORMANCE AND TRANSPORT INFRASTRUCTURE
Svetlana Nikoličić, Marinko Maslarić, Jan Strohmändl, Dejan Mirčetić
- FAILURE MANAGEMENT IN DISTRIBUTION LOGISTICS APPLYING FMEA APPROACH
Milan Andrejić, Milorad Kilibarda
- EFFICIENCY OF LOGISTICS PROCESSES IN CUSTOMS PROCEDURES
Milorad Kilibarda, Andrejić Milan, Popović
- EXPLORING LOGISTICS PERFORMANCE INDEX USING I-DISTANCE STATISTICAL APPROACH
Marijana Petrović, Veljko Jeremić, Nataša Bojković
- IMPORTANT CHARACTERISTICS OF CARRIER LIABILITY INSURANCE
Katarina Babić, Ivan Stojanović

• **Warehousing and information technologies in logistics (Room 326)**

Chair:

- ELECTRIC VEHICLES AS AN ELECTRICITY STORAGE IN ELECTRICITY SUPPLY CHAIN
Vlado Popović, Dejan Dragan, Borut Jereb
- POSSIBILITIES OF AUTOMATED CASE PICKING - PRESENT TRENDS
Dragan Đurđević, Momcilo Miljuš
- INTERNET OF THINGS IN LOGISTICS
Gordana Radivojević, Nenad Bjelić, Dražen Popović
- ICT IN LOGISTICS: POSSIBILITIES AND THE AREAS OF APPLICATION
Igor Jovanović, Aleksandra Čolović

• **Students' papers session PART I (Room 325)**

Chair:

- INTERMODAL TRANSPORT IN THE STRATEGIES FOR THE DANUBE REGION
Bojana Savić, Danijela Milenković
- LOGISTICS OF DAIRY PRODUCTS: THE CASE OF DELHAIZE SERBIA
Jelena Ristić, Vukašin Pajić, Sanja Stanišić
- APPLICATION OF QUEUING THEORY AND DISCRETE EVENT SIMULATION IN
DIMENSIONING SUBSYSTEMS OF LOGISTICS CENTER
Mile Veljović
- IMPLEMENTATION OF ECO-VEHICLES IN CITY LOGISTICS
Zorana Savatić, Ana Kostadinović
- ENVIRONMENT AND LOGISTICS: IMPACTS AND TRENDS
Katarina Radojević, Sonja Radić
- NEW CONTAINER TERMINAL TECHNOLOGIES
Miloš Radović, Strahinja Avramović, Petar Vukosavljević

16²⁰-16⁴⁰ Coffee break (Coffee Room)

16⁴⁰-18³⁰ STUDENTS' SESSION AND WORKSHOP

Chair:

• **Students' papers session PART II (Room 325)**

- LOGISTICS IN LUXURY GOODS TRADE
Borka Teodorović
- LOGISTICS SPRAWL AND E-COMMERCE: IMPACT ON CITY LOGISTICS
Kristijan Lukić
- CROSS BORDER SUPPLY CHAIN SECURITY
Marija Sarić

• **Students' workshop (Room 325)**

20⁰⁰ - Conference dinner

Friday, 26th May 2017

9⁰⁰-10⁰⁰ **Registration**

10⁰⁰-11³⁰ **PARALLEL SESSIONS**

• **Supply chain management and reverse logistics (Room 325)**

Chair:

- CONTRACTS FOR SUPPLY CHAIN COORDINATION WITH PRICE-DEPENDENT STOCHASTIC DEMAND
Petr Fiala
- EXAMINING PLASTICS RECYCLING SYSTEM'S PERFORMANCES
Branislava Ratković, Milorad Vidović
- USED TIRE MANAGEMENT: AN OVERVIEW, PART I
Svetlana Dabić Ostojić, Vladimir Simić, Momčilo Miljuš
- USED TIRE MANAGEMENT: AN OVERVIEW, PART II
Vladimir Simić, Svetlana Dabić Ostojić
- ECO-DRIVING - POTENTIALS AND OPPORTUNITIES WITHIN GREEN LOGISTICS
Vladimir Momčilović, Branka Dimitrijević, Marko Stokić

• **Logistics concepts and strategies – PART II (Room 326)**

Chair:

- EVOLUTION OF UNPLANNED COORDINATION IN A MARKET SELECTION GAME - DELIVERY COMPANIES CASE STUDY
Aleksandar Čupić, Mladenka Blagojević
- INLAND FREIGHT TRANSPORT IN SERBIA: TRENDS AND CHALLENGES
Olivera Medar, Mirjana Bugarinović
- IMPLEMENTATION OF ADR AGREEMENT: EMPIRICAL FINDINGS FROM GREECE
Dimitris Folinis, Vasiliki Manousaridou, Dimitrios Aidonis and Fotis Karazois
- COMPLEX RELATIONSHIPS IN LOGISTICS MULTIADS: AN AUTOMOTIVE INDUSTRY INSIGHT
Danijela Dončić, Đurdica Stojanović, Marko Veličković
- ASSESSMENT OF THE POSSIBILITIES OF TRANSFORMING RAIL FREIGHT UNDERTAKINGS AS A LOGISTIC OPERATOR
Azra Ferizović, Amel Kosovac, Smajo Salketić
- REVERSE AUCTION ON SPOT TRANSPORT MARKET – INTERCLEAN CASE AND POSSIBLE IMPLEMENTATION FOR OTHER COMPANIES
Vladimir Despotović, Perica Aleksov

11³⁰-11⁵⁰ **Coffee break (Coffee Room)**

Saturday, 27th May 2017

10⁰⁰- **Conference excursion**