

# LOGIC 2017 - Conference program

Thursday, 25<sup>th</sup> May 2017

**09<sup>00</sup>-10<sup>00</sup> Registration**

**10<sup>00</sup>-12<sup>00</sup> 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)

**12<sup>00</sup>-13<sup>00</sup> Welcome reception (Coffee Room)**

**13<sup>00</sup>-14<sup>30</sup> PARALLEL SESSIONS**

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

*Chair: Juraj Pekár*

- 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
- OPTIMALIZATION OF VEHICLE ROUTING DEPENDING 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
- OPTIMIZATION OF THE FLEET SIZE WITH BALANCED USE OF VEHICLES: CASE OF SUGAR BEET TRANSPORTATION  
Milorad Vidović, Dragana Drenovac

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

*Chair: Jelica Petrović-Vujačić*

- 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
- SERVICE QUALITY OF RIVER TRANSPORTATION: BELGRADE CASE STUDY  
Katarina Vukadinović, Stanko Kantar, Danijela Pjevčević, Ivana Vukićević Biševac, Ivana Jovanović
- COMPLEX RELATIONSHIPS IN LOGISTICS MULTIADS: AN AUTOMOTIVE INDUSTRY INSIGHT  
Danijela Dončić, Đurdica Stojanović, Marko Veličković
- LOGISTICS IN THE RIVER CRUISE PRODUCTS  
Petar Brodarič

○ **Logistics terminals (Room 326)**

*Chair: Tomaž Kramberger*

- 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

**14<sup>30</sup>-14<sup>50</sup> Coffee break (Coffee Room)**

**14<sup>50</sup>-16<sup>20</sup> PARALLEL SESSIONS**

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

*Chair: Patricija Bajec*

- 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 Strohmndl, Dejan Mirčetić
- FAILURE MANAGEMENT IN DISTRIBUTION LOGISTICS APPLYING FMEA APPROACH  
Milan Andrejić, Milorad Kilibarda
- EFFICIENCY OF LOGISTICS PROCESSES IN CUSTOMS PROCEDURES  
Milorad Kilibarda, Milan Andrejić, Vlado Popović
- EXPLORING LOGISTICS PERFORMANCE INDEX USING I-DISTANCE STATISTICAL APPROACH  
Marijana Petrović, Veljko Jeremić, Nataša Bojković

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

*Chair: Borut Jereb*

- 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, Momčilo 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: Snežana Tadić*

- 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

**16<sup>20</sup>-16<sup>40</sup> Coffee break (Coffee Room)**

**16<sup>40</sup>-18<sup>30</sup> STUDENTS' SESSION AND WORKSHOP**

*Chair: Snežana Tadić*

○ **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, Delhaize, Serbia - Order picking round table (Room 325)**

**20<sup>00</sup>- Conference dinner**

## Friday, 26<sup>th</sup> May 2017

9<sup>00</sup>-10<sup>00</sup> **Registration**

10<sup>00</sup>-11<sup>30</sup> **PARALLEL SESSIONS**

○ **Supply chain management and reverse logistics (Room 314)**

*Chair: Petr Fiala*

- CONTRACTS FOR SUPPLY CHAIN COORDINATION WITH PRICE-DEPENDENT STOCHASTIC DEMAND  
Petr Fiala
- EXAMINING PERFORMANCES OF RECYCLING PLASTIC NETWORK  
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: Milica Kalić*

- 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
- ROAD TRANSPORT OF DANGEROUS GOODS AND IMPLEMENTATION OF THE ADR AGREEMENT IN GREECE  
V.Manousaridou, F.Karazoīs, D. Folinas, D.Aidonis, D.Triantafyllou, S. Drogalas
- AIR CARGO TRANSPORT IN SERBIA: ANALYSIS, DRIVERS AND TRENDS  
Milica Kalić, Danica Babić, Slavica Dožić
- 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

11<sup>30</sup>-11<sup>50</sup> **Coffee break (Coffee Room)**

## Saturday, 27<sup>th</sup> May 2017

10<sup>00</sup>- **Conference excursion**