

# LOGIC 2015 - Conference program

**Thursday, 21<sup>st</sup> May 2015**

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

**10<sup>00</sup>-11<sup>45</sup> OPENING CEREMONY (Room 128)**

- **Welcome addresses**
  - Dean of Faculty of Transport and Traffic Engineering, University of Belgrade
  - Head of LOGIC 2013 Program Committee
  - Milšped
  - Delhaize Serbia
  - Ministry of Construction, Transport and Infrastructure, Republic of Serbia
  - Chamber of Commerce and Industry of Serbia
  - Belgrade Chamber of Commerce
- **Plenary session talks**
  - **prof. dr Maja Fošner**, University of Maribor *University education in logistics: Case of Slovenia*
  - **prof. dr Nikolina Brnjac**, University of Zagreb *University education in logistics: Case of Croatia*
  - **prof. dr Momčilo Miljuš**, University of Belgrade *University education in logistics: Case of Serbia*

**11<sup>45</sup>-12<sup>30</sup> Welcome reception (Coffee Room)**

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

• **Optimization and modelling in logistics and transportation *PART I* (Room 128)**

*Chair: Dušan Teodorović*

- THE VEHICLE REROUTING PROBLEM WITH TIME WINDOWS AND SPLIT DELIVERY, Miloš Nikolić , Dušan Teodorović
- THE IMPACT OF THE LCC PRESENCE ON THE DEA EFFICIENCY OF AIRPORTS, Klemen Grobin, Tomaž Kramberger
- SOLVING VEHICLE ROUTING PROBLEMS VIA SINGLE GENERIC TRANSFORMATION APPROACH, Karlo Bala, Dejan Brčanov, Nebojša Gvozdenović
- THE CAPACITATED TEAM ORIENTEERING PROBLEM: BEE COLONY OPTIMIZATION, Dragana Drenovac, Ranko Nedeljković
- COST ANALYSE OF OPEN VRP, Zuzana Čičková, Ivan Brezina, Juraj Pekár

• **Intermodal transportation (Room 325)**

*Chair: Nikolina Brnjac*

- IMPACT OF CROATIA ACCESSION TO THE EU ON THE CROATIAN RAILWAY INFRASTRUCTURE, RAILWAY AND MARITIME FLOWS, Nikolina Brnjac, Slavko Štefičar, Ante Klečina
- REGIONAL LOGISTICS AND INTERMODAL TRANSPORT SCENARIOS, Slobodan Zečević , Snežana Tadić , Mladen Krstić
- CHALLENGES IN THE RAILWAY YARDS LAYOUT DESIGNING REGARDING THE IMPLEMENTATION OF INTERMODAL TECHNOLOGIES, Ivan Belošević, Miloš Ivić, Milana Kosijer, Norbert Pavlović, Slaviša Aćimović
- INTERMODAL TRANSPORT IN A POLICY DOCUMENTS CONTEXT, Olivera Medar, Branislav Bošković

- THE SELECTION OF THE LOGISTICS CENTER LOCATION USING AHP METHOD, Željko Stević, Slavko Vesković, Marko Vasiljević, Goran Tepić

• **Material handling and warehousing (Room 326)**

*Chair: Miljuš Momčilo*

- COMPETITIVE ACCESS AND SERVICE ARRANGEMENTS OF CONTAINER MOVEMENTS: PORT BOTANY CASE, Mihailo Cvetojević
- POSSIBILITY OF THE "AUTO-PILOT" FORKLIFT APPLICATION IN ORDER-PICKING PROCESS, Momčilo Miljuš, Dragan Djurdjević
- ST MODEL IMPLEMENTATION ON SHORT TERM OPERATIONS' PLANNING AT BULK TERMINALS, Svjetlana Hess, Mirano Hess
- IDENTIFICATION OF CONTAINER HANDLING PROCEDURES, Dimitris Folinis, Dimitrios Aidonis, Ioannis Mallidis, Marilena Papadopoulou
- OPERATOR SCHEDULING USING MIN-CONFLICTS AND TABU SEARCH BASED HEURISTIC IN CONTAINER TERMINALS, Vlado Popović

**14<sup>00</sup>-15<sup>30</sup> Coffee break (Coffee Room)**

**15<sup>30</sup>-17<sup>00</sup> PARALLEL SESSIONS**

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

*Chair: Milica Kalić*

- AIR CARGO FLOW ANALYSIS IN EUROPEAN UNION, Danica Babić, Jovana Kuljanin, Milica Kalić
- FACILITATING CROSS BORDER MOVEMENT OF GOODS - THE EVIDENCE FROM SERBIA, Jelica Petrović Vujačić, Olivera Medar
- AN OVERVIEW OF EUROPEAN UNION AIR CARGO TRANSPORT: THE KEY DRIVERS AND LIMITATIONS, Jovana Kuljanin, Milica Kalić, Slavica Dožić
- ECO-DRIVING AWARENESS AND IMPLEMENTATION ON ROADS IN SERBIA, Marko Veličković, Đurđica Stojanović, Goran Aleksić
- DELIVERY PLANNING IN CITIES FOR CEP ITEMS, Dragana Šarac, Bojan Jovanović, Miloš Kopic, Slaviša Dumnić

• **Simulation of logistics processes (Room 326)**

*Chair: Branka Dimitrijević*

- BULLWHIP EFFECT ANALYSIS BY SIMULATION EXPERIMENTS IN ECHELON UNDER (R, S, S) INVENTORY POLICY, Samir Žic, Tonči Mikac, Irena Kos, Jasmina Žic
- SIMULATION AS A TOOL FOR EXTRACTING KEY PERFORMANCE PARAMETERS IN POSTAL LOGISTIC CENTERS, Dejan Mirčetić, Svetlana Nikoličić, Marinko Maslarić, Miloš Stanojević
- SIMULATION BASED LIFE-CYCLE ANALYSIS OF A VEHICLE FLEET, Ivan Djokić, Ljubomir Lazić, Aleksandra Pavlović, Aldina Avdić
- SIMULATION MODEL FOR IRP IN PETROL STATION REPLENISHMENT, Dražen Popović, Milorad Vidović, Nenad Bjelić
- SIMULATION MODEL OF A QUEUING SYSTEM: THE CASE STUDY OF A FAIR TRADE MANIFESTATION IN NOVI SAD, Vladimir Ilin, Dragan Simić, Nenad Saulić

• **Students' papers session PART I (Room 315)**

*Chair: Snežana Tadić*

- CITY LOGISTICS OF BELGRADE WATERFRONT, Marija Jakovljević, Slobodan Dragojerac, Aleksandra Vuković
- CONSTRUCTION LOGISTICS OF BELGRADE WATERFRONT, Marko Stokić, Boško Radovanović

- HOSPITAL LOGISTICS, Anđela Đapić, Željko Novaković, Predrag Milenkov
- UNDERGROUND SYSTEMS IN SERVICE OF CITY LOGISTICS, Ljiljana Milinković, Jovana Pantelić
- URBAN LOGISTICS SYSTEMS AND NIGHT GOODS DELIVERY, Hana Ljubičić, Jovana Pavlović

**17<sup>00</sup>-19<sup>00</sup> WORKSHOP 1 (Room 128)**

**International logistics and freight forwarding**

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

**Friday, 22<sup>nd</sup> May 2015**

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

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

**• Logistics concepts and strategies *PART II* (Room 128)**

*Chair: Dimitrios Aidonis*

- MULTICRITERIA ANALYSIS APPROACH FOR HUMANITARIAN PREPAREDNESS OPERATIONS, Dimitrios Aidonis, Charisios Achilles, Dimitris Folinas, Dimitrios Triantafyllou
- NEW TRENDS AND STRATEGIES IN POSTAL LOGISTICS, Đorđije Dupljanin, Dragana Šarac, Momčilo Kujačić
- SOCIAL NETWORKS IN LOGISTICS SYSTEM DECISION-MAKING, Branko Arsić, Petar Spalević, Ljubiša Bojić, Adela Crnišanić
- TRENDS IN AIRLINE CARGO FLEET, Slavica Dožić, Danica Babić

**• Information and communication technologies in logistics (Room 325)**

*Chair: Nataša Gospić*

- MACHINE-TO-MACHINE COMMUNICATIONS TOWARD SMART LOGISTICS SYSTEMS, Nataša Gospić, Bojan Bakmaz
- RADIO FREQUENCY IDENTIFICATION: TECHNOLOGIES AND APPLICATIONS IN LOGISTICS, Svetlana Nikoličić, Jasmina Pašagić Škrinjar, Dejan Mirčetić, Predrag Atanasković
- APPLICATION OF REVENUE SHARING CONTRACT IN TELECOMMUNICATIONS INDUSTRY SUPPLY CHAINS, Branka Mikavica, Aleksandra Kostić-Ljubisavljević, Vesna Radonjić Đogatović
- BIG DATA: CHALLENGES AND OPPORTUNITIES IN LOGISTICS SYSTEMS, Branka Mikavica, Aleksandra Kostić-Ljubisavljević, Vesna Radonjić Đogatović

**• Quality management and performance measures in logistics (Room 326)**

*Chair: Jelica Petrović-Vujačić*

- CITY LOGISTICS PERFORMANCE, Snežana Tadić, Slobodan Zečević
- FORECASTING DEMAND IN THE LOGISTICS MARKET: A CASE STUDY OF LOGISTICS CENTER VRŠAC, Milorad Kilibarda, Milan Andrejić, Mladen Krstić
- LOGISTICS FAILURES IN DISTRIBUTION PROCESS, Milan Andrejić, Milorad Kilibarda, Vlado Popović
- PERFORMANCE INDICATORS FOR PROFESSIONAL DRIVERS' EVALUATION IN SUPPLY CHAIN, Milan Cvetković, Vladimir Momčilović, Branka Dimitrijević
- THE ROLE OF ALLOCATION AND ORGANIZATION OF CUSTOMER SERVICE DIVISIONS AS AN ELEMENT OF MARKET COMPETITIVENESS OF TELECOMMUNICATION SERVICES, Marijana Vukašinović, Zorica Leposavić

**11<sup>30</sup>-12<sup>00</sup> Coffee break (Coffee Room)**

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

**• Optimization and modelling in logistics and transportation *PART II* (Room 128)**

*Chair: Yeliz Ekinci*

- FACILITY LOCATION DECISION UNDER DEMAND UNCERTAINTY AND TRAVEL TIME FLUCTUATION, Yeliz Ekinci, Ecem Yıldız
- FORECASTING THE INVENTORY LEVEL OF MAGNETIC CARDS IN TOLLING SYSTEM, Bratislav Lazić, Nebojša Bojović, Gordana Radivojević, Gorana Šormaz
- MULTI CRITERIA DECISION MAKING FOR DISTRIBUTION CENTER LOCATION SELECTION- SERBIA CASE STUDY, Milan Dobrota, Dragana Macura, Milica Šelmić
- AN EXPERT FUZZY MODEL FOR DETERMINATION OF THE AMOUNT OF PURCHASE, Siniša Sremac, Bojan Matić, Miloš Kopic, Goran Tepić
- MODELING DELAY OF LOADING GOODS IN RIVER TRANSPORT VESSELS, Ivan Djordjević, Gordan Stojić, Ilija Tanackov, Siniša Sremac

**• Supply chain management and reverse logistics (Room 326)**

*Chair: Tomaž Kramberger*

- LOCATION ROUTING MODEL FOR DESIGNING PLASTICS RECYCLING NETWORK, Milorad Vidović, Branislava Ratković, Gordana Radivojević
- DYNAMIC ANALYSIS FOR END-OF-LIFE VEHICLES MANAGEMENT SYSTEMS: AN INEXACT MULTI-STAGE PROGRAMMING APPROACH, Vladimir Simić, Branka Dimitrijević
- SOME EXPLOITATION PARAMETERS OF RETREADED TIRES DEPENDING ON THE NUMBER OF RETREADING, Svetlana Dabić Ostojić, Momčilo Miljuš
- OPTIMIZATION OF INTERNAL LOGISTICS IN A WASTE MANAGEMENT COMPANY WITH QUEUING THEORY, Davor Zaveršnik, Tina Cvahte, Klemen Grobin, Bojan Rosi
- A MODELING APPROACH OF DESIGNING AND MANAGING SUPPLY NETWORKS, Petr Fiala

**• Students' papers session *PART II* (Room 315)**

*Chair: Nenad Bjelić*

- INTERNATIONAL COMMERCIAL TERMS – INCOTERMS 2010, Bijelić Stefan, Vukašinić Milica, Eldović Ema, Tešić Marija
- STANDARDS IN LOGISTICS – IFS LOGISTICS, Milovanović Katarina, Sarić Marija, Stojilović Ivan
- OPTIMIZATION OF DISTRIBUTION IN EASTERN SERBIA BY DEMAND BATCHING AND UTILIZATION OF CROSS-DOCK TERMINALS: CASE OF MILŠPED, Čupić Nemanja
- ANALYSIS OF WAREHOUSE LAYOUT IMPACT TO ORDER PICKERS ROUTING: MILŠPED CASE STUDY, Blažić Jelena, Cvetković Aleksandra, Savić Kristina, Trkulja Marko, Mijatović Miloš
- SIMULATION OF INVENTORY MANAGEMENT: MILŠPED CASE STUDY, Čolović Aleksandra, Trninić Jovana, Dosković Sara
- SIMULATION ANALYSIS OF ORDER PICKERS WORKING SHIFTS: MILŠPED CASE STUDY, Milenković Predrag, Novaković Željko, Lazarević Vladimir

**13<sup>30</sup>-15<sup>00</sup> Coffee break (Coffee Room)**

**15<sup>00</sup>-17<sup>00</sup> WORKSHOP 2 (Room 125)**

**Information technologies and software solutions in logistics and supply chains**



**17<sup>00</sup>-19<sup>00</sup> WORKSHOP 3 (Room 125)**

**Cotemporary logistics solutions and supply chains**

**Saturday, 23<sup>rd</sup> May 2015**

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