

LOGIC 2022 - Conference program

Thursday, 26th May 2022

08³⁰-9³⁰ Registration

9³⁰-10³⁰ OPENING CEREMONY (Room 128)

- **Welcome addresses (9.30-9.45)**
 - Dean of Faculty of Transport and Traffic Engineering, University of Belgrade
 - Chair of LOGIC 2022 Program Committee
 - Partner companies' representatives
- **Plenary session talk (9.45-10.30)**
 - SMART TERMINAL OPERATION SYSTEMS
Prof.dr, Kap-Hwan Kim, Ocean College, Zhejiang University, China

10³⁰-11⁰⁰ Welcome reception (Coffee Room)

11⁰⁰-13⁰⁰ SESSIONS

- **Logistics terminals and transport systems (Room 115)**

Chair: Elen Twrdy

- DRY PORTS IN SWEDEN - ONE OF A KIND?
Alena Khaslavskaya and Violeta Roso
- LOCATING A HUMANITARIAN LOGISTICS CENTER: CASE OF SERBIA
Jovana Petrović, Željko Stević and Slobodan Zečević
- STOCHASTIC FINANCIAL EVALUATION OF INTERMODAL TERMINAL DEVELOPMENT
Milovan Kovač, Snežana Tadić and Mladen Krstić
- HOUSEHOLDS IN THE FUNCTION OF COLLECTION AND DELIVERY POINTS: LOCATION DECISION PROBLEM
Snežana Tadić, Mladen Krstić, Miloš Veljović and Slobodan Zečević
- OPERATIONAL AND REGULATORY ASPECTS OF REPURPOSING AIRCRAFT PASSENGER CABIN FOR TRANSPORT OF CARGO
Ružica Škurla Babić, Maja Ozmec-Ban and Katarina Pedišić - **online**
- ROAD FREIGHT TRANSPORT SECTOR IN SLOVENIA AND ITS CONTRIBUTION TO THE MACROECONOMIC INDICATORS AS COMPARED TO EU AVERAGES
Marina Zanne, Elen Twrdy and Milan Batista

13⁰⁰-14³⁰ Launch break (Coffee Room)

14³⁰-16³⁰ SESSIONS

- **Optimization and modeling in logistics and transportation – (Room 115)**

Chair: Dragana Drenovac

- MODELLING TRANSPORT ACTIVITIES FROM INVENTORY REPLENISHMENTS IN SUPPLY CHAINS BY USE OF NUMERICAL SIMULATIONS AND MACHINE LEARNING ALGORITHMS
Samir Žic and Jasmina Žic - **online**

- ROUTING OF VEHICLES FOR AID DELIVERY IN DISASTER RESPONSE
Dragana Drenovac
- SOLUTIONS AND MODELS FOR THE REALIZATION OF THE LAST MILE DELIVERY IN E-COMMERCE LOGISTICS
Valentina Maksimović, Željko Ivanović and Miloš Veljović
- LAST-MILE DELIVERY MODE SELECTION USING MULTI-CRITERIA DECISION-MAKING APPROACH
Ivana Nikolić, Marijana Petrović, Stefan Jovčić and Momčilo Dobrodolac
- SOLVING THE VEHICLE ROUTING PROBLEM WITH HETEROGENEOUS VEHICLES BY THE BEE COLONY OPTIMIZATION METAHEURISTIC
Miloš Nikolić, Milica Šelmić and Predrag Grozdanović
- A DISCRETE SYMBIOTIC ORGANISMS SEARCH BASED 2-OPT ALGORITHM FOR TRAVELING SALESMAN PROBLEM
Vladimir Ilin, Dragan Simić and Nenad Saulić

• **Reverse logistics and green logistics - (Room 116)**

Chair: Branka Dimitrijević

- DEVELOPMENT OF A MODEL FOR ESTIMATING COMMERCIAL VEHICLES' FUEL CONSUMPTION AND EXHAUST EMISSIONS
Marko Stokić, Vladimir Momčilović, Branka Dimitrijević, Ivan Ivković and Predrag Živanović
- E-WASTE LOGISTICS NETWORK DESIGN
Branka Dimitrijević, Branislava Ratković and Tamara Mikić
- LOGISTICS NETWORK DESIGN FOR HEALTH-CARE WASTE
Branislava Ratković, Milorad Vidović, Nenad Bjelić and Sladjana Jovanović
- IMPACT OF EXTERNAL TRUCKS' SERVICES AT THE PORT CONTAINER TERMINAL ON EXHAUST GAS EMISSIONS
Ivana Vukićević Biševac, Ivana Jovanović, Miloš Nikolić, Nataša Vidić and Katarina Vukadinović

16³⁰-17⁰⁰ Coffee break (Coffee Room)

17⁰⁰-18³⁰ SESSIONS

• **Students' session - (Room 116)**

Chair: Svetlana Dabić-Miletić

- IMPLEMENTATION OF NEW INDUSTRY 4.0 IN SUPPLY CHAIN MANAGEMENT
Miljana Svržić, Jelena Zivković and Veljko Milovanović
- THE BENEFITS OF USING DRONES WITHIN LAST-MILE DELIVERY ACTIVITIES IN THE SMART SUPPLY CHAIN
Aleksandra Đelekar and Anja Despinić
- THE IMPORTANCE OF THE IMPLEMENTATION OF LEAN TOOLS IN THE AUTOMOTIVE INDUSTRY
Mia Poledica and Jelena Mićunović
- LOGISTICS PROCESSES AND CHALLENGES IN AIR TRANSPORT OF TEMPERATURE-CONTROLLED GOODS
Sara Jovanović, Ivana Ivanović
- RESEARCH OF SATISFACTION OF LOGISTICS SERVICES USERS
Dragana Todorović, Milica Živanović and Jana Žizović

Friday, 27th May 2022

8³⁰-9⁰⁰ Registration

9⁰⁰-11⁰⁰ SESSIONS

• **SCM, Logistics 4.0, information technologies in logistics - (Room 115)**

Chair: Mladen Krstić

- SOME SPECIFICS OF SUPPLY CHAIN MANAGEMENT IN POST-COVID PANDEMIC – 19 ERA
Svetlana Dabić-Miletić and Mladen Božić
- SUPPLY CHAIN RISK MANAGEMENT IN COVID – 19 PANDEMIC
Mladen Božić and Svetlana Dabić-Miletić
- LOGISTICS PROCESS OPTIMIZATION THROUGH DIGITALIZATION USING PROCESS APPROACH
Milena Kajba and Borut Jereb - **online**
- LOGISTICS 4.0 IN THE FUNCTION OF CIRCULAR ECONOMY IN THE AGRI-FOOD SECTOR
Mladen Krstić, Giulio Paolo Agnusdei, Pier Paolo Miglietta and Snežana Tadić
- INDUSTRY 4.0 AND E-PUBLIC PROCUREMENT: A PROFITABLE COEXISTENCE FOR THE EUROPEAN UNION
Aristotelis Mavidis and Dimitris Folinis - **online**
- TASK OFFLOADING IN A SECURE MOBILE EDGE COMPUTING ENVIRONMENT FOR INDUSTRIAL APPLICATIONS
Branka Mikavica and Aleksandra Kostić-Ljubisavljević

11⁰⁰-11³⁰ Coffee break (Coffee Room)

11³⁰-13³⁰ SESSIONS

• **Logistics concepts and strategies - (Room 116)**

Chair: Svetlana Nikoličić

- DETERMINING COMPETENCIES REQUIRED FOR WORK IN THE LOGISTICS SECTOR
Svetlana Nikoličić, Marinko Maslarić, Dejan Mirčetić and Marko Veličković
- SUSTAENABLE TRANSPORTATION MODE SELECTION FROM THE FREIGHT FORWARDER'S PERSPECTIVE IN TRADING WITH WESTERN EU CONTRIES
Vukašin Pajić, Milan Andrejić and Milorad Kilibarda
- OVERVIEW OF CRITERIA AND METHODS OF MACHINE LEARNING FOR SUPPLIER SELECTION
Gordana Radivojević, Milica Mitrović and Dražen Popović
- IMPROVING DISTRIBUTION PROCESS USING BUSINESS PROCESS MODEL AND NOTATION
Svetlana Živanović, Vukašin Pajić and Milorad Kilibarda
- PREDICTION OF DAILY DEMAND FOR GOODS USING WEKA SOFTWARE TOOL
Milica Mitrović, Slađana Janković and Snežana Mladenović
- FACTORS THAT INFLUENCE A CHOICE OF AIRPORT BY FREIGHT FORWARDER: SERBIAN, CROATIAN AND SLOVENIAN MARKET
Danica Babić, Milica Kalić, Slavica Dožić and Stefan Živojinović

• **Warehousing and materials handling - (Room 115)**

Chair: Branislava Ratković

- FRAMEWORK FOR IMPROVING WAREHOUSE SAFETY
Dragan Đurđević, Milan Andrejić and Nikola Pavlov
- DIMENSIONING OF THE BLOCK STACKING SYSTEMS
Nikola Pavlov, Dragan Đurđević and Momčilo Miljuš
- THE SELECTION OF PALLET TYPES BY RAW MATERIAL USING THE EDAS METHOD
Natalija Kostić
- FORKLIFT SELECTION USING AN INTEGRATED CRITIC-MARCOS MODEL
Eldina Huskanović and Željko Stević - **online**
- WHAT ARE MANAGERS THINKING ABOUT WMS?
Dimitris Folinas, Dimitris Aidonis, Charisios Achillas, Periklis Gialamaidis and Dimitris Triantafyllou - **online**

13³⁰-14³⁰ Launch break (Coffee Room)

14³⁰-16³⁰ • Students' workshop - (Room 116)