



18th International Scientific Conference
BUSINESS LOGISTICS
in Modern Management
11-12 OCTOBER 2018 – OSIJEK, CROATIA

Conference Program

TIME	THURSDAY - OCTOBER 11, 2018 (Faculty of Economics in Osijek, Croatia)
08:00 - 09:00	REGISTRATION (room 2)
09:00 - 09:15	OPENING OF INTERNATIONAL SCIENTIFIC CONFERENCE (room 2)
09:15 - 10:30	PLENARY SESSION - INVITED LECTURE BY KEYNOTE SPEAKER (room 2) Prof. Dr. Herbert Kotzab (<i>University of Bremen, Germany</i>) "The development of logistics and supply chain management as an academic discipline and its current state"
10:30 - 10:45	COFFEE BREAK (chamber room)

ORGANIZED BY



JOSIP JURAJ STROSSMAYER
UNIVERSITY IN OSIJEK

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MINISTRY OF SCIENCE
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10:45 – 12:15	PARALLEL SESSIONS 1 AND 2
	SESSION 1 – TRANSPORTATION, PRODUCTION AND PURCHASING LOGISTICS (room 5) Session chair: Kristina Petljak
	Tomáš Binar, Jiří Švarc, Jaroslav Začal and Petr Dostál (<i>University of Defence, Brno, Czech Republic</i>) NEW STORAGE SYSTEM FOR ENGINE DURING TRANSPORTATION
	Helena Štimac and Juraj Vištica (<i>Josip Juraj Strossmayer University of Osijek, Croatia</i>) TRANSPORT POLICY: CROATIA VS EUROPEAN UNION COUNTRIES
	Maciej Urbaniak and Jarosław Ropęga (<i>University of Lodz, Poland</i>) THE ROLE OF QUALITY AND ENVIRONMENTAL MANAGEMENT SYSTEMS IN THE EVALUATION OF SUPPLIERS
	Karolina Kolinska, Bogusław Sliwczynski, Lukasz Hadas and Adam Kolinski (<i>Intelligence Business Solutions Ltd.; Institute of Logistics and Warehousing; Poznan School of Logistics, Poland</i>) ANALYSIS OF SPARE PARTS IN TERMS OF THEIR AVAILABILITY MANAGEMENT FOR THE PRODUCTION PROCESSES NEEDS
	Dora Naletina, Kristina Petljak and Andrea Kapović (<i>University of Zagreb, Croatia</i>) INFLUENCE OF LIBERALIZATION ON AIR TRANSPORT MARKET: RESEARCH INTO CONSUMERS' SATISFACTION WITH LOW-COST AIRLINES SERVICES IN THE REPUBLIC OF CROATIA
	SESSION 2 – LOGISTICS PERFORMANCE (chamber room) Session chair: Katija Vojvodić
	Rafał Haffer (<i>Nicolaus Copernicus University, Toruń, Poland</i>) SUPPLY CHAIN PERFORMANCE MEASUREMENT SYSTEM OF LOGISTICS SERVICE PROVIDERS. A CONCEPTUAL FRAMEWORK AND RESEARCH AGENDA
	Ilija Ćorić and Katija Vojvodić (<i>MCI d.o.o., Bosnia and Hercegovina; University of Dubrovnik, Croatia</i>) VARIABLE PAY 2.0: TRANSFORMING THE POST-TRANSITIONAL CONTEXT IN WAREHOUSE LOGISTICS
	Marjan Šternad (<i>University of Maribor, Slovenia</i>) METRICS OF LOGISTICS COSTS IN SLOVENIAN COMPANIES
	Adam Koliński and Ewa Jaskolska (<i>Institute of Logistics and Warehousing, Poznan, Poland</i>) ANALYSIS OF THE INFORMATION FLOW EFFICIENCY IN THE INTERMODAL SUPPLY CHAIN - RESEARCH RESULTS
	Pavel Foltin, Martin Brunclík, Vojtěch Ondryhal and Lukáš Vogal (<i>University of Defence in Brno, Czech Republic</i>) USABILITY OF PERFORMANCE INDICATORS OF LOGISTICS INFRASTRUCTURE AVAILABILITY IN SUPPLY CHAIN DESIGNING
12:15 – 12:30	COFFEE BREAK

12:30 - 14:00	PARALLEL SESSIONS 3 AND 4
	SESSION 3 – RETAIL AND DISTRIBUTION LOGISTICS (chamber room) Session chair: Michał Adamczak
	Stephan L.K. Freichel, Johannes K. Wörtge (<i>University of Applied Sciences Cologne, Germany</i>) FACILITY DESIGN IN OMNI-CHANNEL RETAIL – A LOGISTICS POINT OF VIEW
	Aleksandar Erceg, Zafer Kilic (<i>J.J. Strossmayer University of Osijek, Croatia; Hasan Kalyoncu University, Turkey</i>) INTERCONNECTION OF E-COMMERCE AND LOGISTICS: EXAMPLES FROM CROATIA AND TURKEY
	Zdenko Segetlija, Jelena Franjković (<i>J.J. Strossmayer University of Osijek, Croatia</i>) RETAIL FORMATS IN REGIONAL SUPPLY CHAINS
	Agata Horzela, Adam Kolinski, Roman Domanski, Waldemar Osmolski (<i>GS1 Poland; Poznań School of Logistics; Poznań University of Technology; Institute of Logistics and Warehousing, Poznan, Poland</i>) ANALYSIS OF USE OF COMMUNICATION STANDARDS ON THE IMPLEMENTATION OF DISTRIBUTION PROCESSES IN FOURTH PARTY LOGISTICS (4PL)
	Michał Adamczak, Roman Domański, Piotr Cyplik (<i>Poznań School of Logistics; Poznań University of Technology, Poland</i>) COEXISTENCE OF TRADITIONAL SALES CHANNEL AND E-COMMERCE FROM THE POINT OF VIEW OF LOGISTICS COSTS - CALCULATION MODEL
	SESSION 4 – MARITIME LOGISTICS AND SUPPLY CHAIN RISK MANAGEMENT (room 5) Session chair: Borna Debelić
	Jędrzej Charłampowicz (<i>Gdynia Maritime University, Poland</i>) SUPPLY CHAIN EFFICIENCY ON THE MARITIME CONTAINER SHIPPING MARKETS – SELECTED ISSUES
	Borna Debelić, Neven Grubišić, Alen Jugović (<i>University of Rijeka, Croatia</i>) CRITERIA ESTABLISHMENT FOR EVALUATION OF COUNTY AND LOCAL PUBLIC PORTS MANAGEMENT SYSTEM
	Ivana Dvorski Lacković, Marijana Bubanić, Vladimir Kovšca (<i>University Center Varaždin, Croatia</i>) A LITERATURE SURVEY ON RISK MANAGEMENT IN SUPPLY CHAINS
	Borna Debelić, Siniša Vilke, Livia Maglić (<i>University of Rijeka, Croatia</i>) COUNTY AND LOCAL PUBLIC PORTS DEVELOPMENT THROUGH ENTREPRENEURSHIP STRENGTHENING
14:15 – 15:30	LUNCH (starting from Faculty of Economics by organized transportation)
15:30 -	CONFERENCE SOCIAL EVENT (by organized transportation)
	<ul style="list-style-type: none"> • short tour through Osijek's Old town (Tvrdča) with touristic guide • visit to food company Belje d.d. - Vina Belje – one of the most modern winery in Europe • visit to wine cellar and restaurant Josić in Zmajevac - dinner for all participants

FRIDAY - OCTOBER 12, 2018

(Faculty of Economics in Osijek, Croatia)

9:30 – 10:45	SESSION 5 – GREEN, URBAN AND INTERDISCIPLINARY LOGISTICS (chamber room) Session chair: Borut Jereb
	Aleksandra Górecka, Joanna Baran, Helga Pavlič Skender, Mirjana Grčić Fabić (<i>Warsaw University of Life Sciences, Poland; University of Rijeka, Croatia</i>) CORRELATION BETWEEN INLAND TRANSPORT EFFICIENCY, GDP AND ENVIRONMENTAL ASPECTS IN EU COUNTRIES
	Iris Čeh, Vanja Pirš, Borut Jereb (<i>University of Maribor, Slovenia</i>) THE COST OF CO2 EMISSIONS ACCORDING TO THE TRANSPORT IN SLOVENIA
	Dagmar Piotr Tomanek (<i>Technische Hochschule Ingolstadt, Research Center, Germany</i>) HOW THE PEARL CHAIN CONCEPT CAN IMPROVE THE PERFORMANCE OF OPERATING THEATERS IN HOSPITALS: RESULTS OF AN EMPIRICAL STUDY
	Drago Pupavac (<i>Polytechnic of Rijeka, Croatia</i>) EMPLOYMENT ANALYSIS IN THE LOGISTICS SECTOR OF THE REPUBLIC OF CROATIA
	Noémi Piricz (<i>Óbuda University, Budapest, Hungary</i>) SURVEY OF ETHICAL BEHAVIOUR IN HUNGARIAN METAL AND MACHINERY SUPPLY CHAINS
10:45 – 11:00	COFFEE BREAK
11:00 – 12:15	SESSION 6 – LOGISTICS TECHNOLOGY DEVELOPMENT (chamber room) Session chair: Davor Dujak
	Martin Brunclik, Lukas Vogal and Pavel Foltin (<i>University of Defence in Brno, Czech Republic</i>) COMPUTER MODELLING AND SIMULATION OF THE SUPPLY CHAIN IN MILITARY OPERATION
	Tomasz Debicki and Adam Kolinski (<i>Capgemini Poland; Institute of Logistics and Warehousing, Poznan, Poland</i>) INFLUENCE OF EDI APPROACH FOR COMPLEXITY OF INFORMATION FLOW IN GLOBAL SUPPLY CHAINS
	Marjan Sternad, Tone Lerher and Brigita Gajšek (<i>University of Maribor, Slovenia</i>) MATURITY LEVELS FOR LOGISTICS 4.0 BASED ON NRW'S INDUSTRY 4.0 MATURITY MODEL
	Jedrzej Jankowski-Guzy, Piotr Cyplik, Michał Adamczak, Danuta Głowacka-Fertsch and Maria Chromińska (<i>Poznan School of Logistics, Poland</i>) MODERN FORMS OF SUPPORTING BUSINESS DECISIONS IN LOGISTICS
12:20 – 12:30	CONFERENCE CLOSURE



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