

# 21<sup>st</sup> International Scientific Conference

October 7<sup>th</sup> - 8<sup>th</sup> 2021  
Osijek (Croatia)



Organized and hosted by:



JOSIP JURAJ STROSSMAYER  
UNIVERSITY IN OSIJEK



# BUSINESS LOGISTICS in Modern Management

## Conference Program at Faculty of Economics in Osijek, Croatia

### Thursday - October 7, 2021

ROOM 1

9:00 – 9:15	<b>OPENING OF INTERNATIONAL SCIENTIFIC CONFERENCE</b> <b>Prof. Dr. Herbert Kotzab</b> Head of the Chair of General Business and Logistics Management, University Bremen, Germany Lecture: <b>How sustainable are individualized home delivery options – the case of electronic grocery retailing</b>
9:15 – 10:00	
10:00 – 10:15	<b>COFFEE BREAK</b>



[www.blmm-conference.com](http://www.blmm-conference.com)



## 10:15 – 11:45 CONFERENCE SESSION

### SESSION 1 – LOGISTICS RESPONSE TO THE COVID-19 PANDEMIC – LOGISTICS THEORY, SIMULATION AND EDUCATION

Session chair: **Katija Vojvodić (University of Dubrovnik)**

BOARD ROOM	<b>Jannick Stachowiak, Julia Fischer and Herbert Kotzab (Germany)</b> Key aspects of digitalisation in stabilizing supply chains in the case of unexpected disruptive events
	<b>Arkadiusz Kawa (Poznan School of Logistics, Poland)</b> E-commerce logistics in southeast Asia in the face of covid-19
	<b>Maja Trstenjak, Tihomir Opetuk and Goran Đukić (Croatia)</b> Impact of covid-19 on manufacturing – case study of Croatia
	<b>Zsófia Jámbor and Judit Nagy (Hungary)</b> Effects of covid crisis on Hungarian food supply chains
	<b>Stephan L.K. Freichel, Johannes K. Wörtge and Pia Rütten (Germany)</b> The configuration approach in omni-channel-logistics research – a structured literature analysis
	<b>Milan Vábek, Martin Vlkovský and Miroslav Pecina (Czech Republic)</b> Modeling and simulation in the framework of civil and military logistics
<b>Tihomir Opetuk, Tomislav Bačić, Maja Trstenjak, Neven Hadžić and Viktor Ložar (Croatia)</b> The use of simulation program in the production of parquet and wooden floor - case study	

## 11:45 – 12:00 COFFEE BREAK



## 12:00 – 13:30 CONFERENCE SESSION

### SESSION 2 – EFFICIENCY IN NETWORKS AND LOGISTICS PROCESSES – SUPPLY CHAIN TECHNOLOGY TRENDS

Session chair: **Borna Debelić (University of Rijeka, Croatia)**

BOARD ROOM	<b>Chiara Freichel, Nicolas Neis and Axel Winkelmann (Germany)</b> A taxonomy for interorganizational production networks
	<b>Radojko Lukić and Blaženka Hadrović Zekić (Serbia; Croatia)</b> Evaluation of transportation and storage efficiency in Serbia based on ratio analysis and OCRA method
	<b>Boguslaw Sliwczynski and Adam Kolinski (Poland)</b> Impact of shipment marking on the operational efficiency for new silk road logistics processes
	<b>Adam Kolinski, Piotr Nowak and Marta Cudzilo (Poland)</b> Review of intelligent solutions to optimise logistics processes and improve efficiency
	<b>Milena Kajba and Borut Jereb (Slovenia)</b> Supply chain IT trends, that have been shaping our tomorrow
	<b>Krešimir Buntak, Predrag Brlek and Bruno Cesarec (Croatia)</b> The impact of the Internet of Things and Artificial Intelligence on the supply chain
	<b>Ivana Martinčević, Vesna Sesar and Ana Globočnik Žunac (Croatia)</b> Artificial intelligence and blockchain – new challenges for digital supply chain management
	<b>Krešimir Buntak, Matija Kovačić and Maja Mutavdžija (Croatia)</b> The influence of industry 4.0 on transport and logistics in context of supply chains

## Free time to refresh

### 14:30 – Gathering in front of Faculty (bus station)

- Lunch in Tvrđa
- Visit to company and winery
- Dinner for all participants



# Friday - October 8, 2021

## 9:30 – 10:45 CONFERENCE SESSION

### SESSION 3 – PACKAGING AND PROCUREMENT LOGISTICS – URBAN AND SUSTAINABLE LOGISTICS ISSUES

Session chair: **Adam Kolinski (Lukasiewicz Research Network - Institute of Logistics and Warehousing, Poland)**

BOARD ROOM	<b>László Róbert Hári (Hungary)</b> Event detection algorithms in packaging vibration testing
	<b>Matej Galić, Slobodan Stojanović and Tomislav Horvat (Croatia)</b> Transport packaging in dairy industry as a strategic factor in procurement management
	<b>Radka Lopourova, Jan Hudak and Jana Svecova (Croatia)</b> Efficiency in awarding of small-scale public contracts: the case of the Czech armed forces
	<b>Maja Rosi, Lora Strmšek, Dejan Dragan and Bojan Rosi (Slovenia)</b> Walkable neighbourhoods in smart cities
	<b>Drago Pupavac, Ljudevit Krpan and Robert Maršanić (Croatia)</b> Analysis and estimation of the volume of public passenger transport in the Northern Adriatic functional region

## 10:45 – 11:00 COFFEE BREAK

## 11:00 – 12:15 CONFERENCE SESSION

### SESSION 5 – LOCAL AND REGIONAL SUPPLY CHAINS

Session chair: **Helena Štimac (University of Osijek, Croatia)**

BOARD ROOM	<b>Davor Mance, Borna Debelić and Siniša Vilke (Croatia)</b> Regional value chains in the Croatia's neighbouring countries as economic drivers
	<b>Norina Szander and Gábor Albert (Hungary)</b> The position of Hungarian forwarding companies in the road freight forwarding sector
	<b>Noémi Piricz (Hungary)</b> Collaboration in a working smart grid – a case study from Hungary
	<b>Helena Štimac, Anita Freimann and Josip Glavaš (Croatia)</b> Logistical challenges in the process of internationalization of companies in the wine industry

## 12:15 – 12:30 CONFERENCE CLOSURE

