



Available online at www.sciencedirect.com



Procedia Computer Science 149 (2019) 1-2

Procedia Computer Science

www.elsevier.com/locate/procedia

ICTE in Transportation and Logistics 2018 (ICTE 2018)

Preface ICTE in Transportation and Logistics 2018

Egils Ginters^{a,*}, Vytautas Paulauskas^b, Mario Arturo Ruiz Estrada^c

^aRiga Technical University, 1 Kalku Street, Riga, LV-1658, Latvia
^bKlaipeda University, 17 Bijunu Street, 91225 Klaipeda, Lithuania
^cUniversity of Malaya, Kuala Lumpur 50603, Malaysia

© 2019 The Authors. Published by Elsevier B.V.

This is an open access article under the CC BY-NC-ND license (http://creativecommons.org/licenses/by-nc-nd/4.0/) Peer review under responsibility of the scientific committee of the ICTE in Transportation and Logistics 2018 (ICTE2018).

Transport and logistics are one of the most important sectors of the economy, whose share is increasing every year, which is determined by the globalization of business. In the Europe Union, the transport and storage sector employs around 11 million persons, accounting for more than 5% of total employment and almost 5% of GDP[†]. Successful industry development is unthinkable without the introduction of modern information technology, communication and electronics. Blockchains, virtual and augmented reality, Big Data, social networks, artificial intelligence applications, modelling and simulation methods, connected vehicles, chatbots, satellite navigation and communication systems, and others provide an increase the quality and efficiency of transport and logistics service.

The editors have tried to summarize author's various and different views and studies related to the introduction of modern methods and technologies in the transport and logistics sector. The information provided could be useful for both supply chain developers and customers.

Editors

* Corresponding author. Tel.: +371-29266909. *E-mail address:* egils.ginters@rtu.lv

[†] Mobility and Transport. Transport in the European Union – current trends and issues. European Commission, Directorate-General Mobility and Transport. April 2018.

 $1877\text{-}0509 \ \ensuremath{\mathbb{C}}$ 2019 The Authors. Published by Elsevier B.V.

This is an open access article under the CC BY-NC-ND license (http://creativecommons.org/licenses/by-nc-nd/4.0/) Peer review under responsibility of the scientific committee of the ICTE in Transportation and Logistics 2018 (ICTE2018). 10.1016/j.procs.2019.01.099

Chief Editors:

Prof. Egils Ginters (Riga Technical University, Latvia) Prof. Vytautas Paulauskas (Klaipeda University, Lithuania) Prof. Mario Arturo Ruiz Estrada (University of Malaya, Malaysia)

Editorial Board:

Prof. Aleksander Sladkowski (Silesian University of Technology, Poland) Prof. Aleksandrs Urbahs (Riga Technical University, Latvia) MA. Sc. Boyong Wang (Yantai Integrated Information Center, China) Prof. Elina Gaile-Sarkane (Riga Technical University, Latvia) Prof. Gaby Neumann (Wildau Technical University of Applied Sciences, Germany) MA.Sc. Haris Neophytou (InterFusion Sevices Ltd, Cyprus) Prof. Krzysztof Amborski (Warsaw University of Technology, Poland) CSc. Kayratolla Abishev (S. Toraighvrov Pavlodar State University, Kazakhstan) Prof. Mareks Mezitis (Riga Technical University, Latvia) Prof. Miquel Angel Piera Eroles (University Autonoma of Barcelona, Spain) CSc. Natalya Tokmurzina (Kazakh Academy of Transport and Communications, Kazakhstan) PhD. Peter Sonntagbauer (Cellent AG, Austria) MA.Sc. Robert Zhang (China Bosstedia International Co., Ltd., China) Prof. Rosa Maria Aguilar (University of La Laguna, Spain) Prof. Sergii Panchenko (Ukrainian State Railway Academy, Ukraine) Prof. Zbigniew Lukasik (Kazimierz Pulaski University of Technology and Humanities, Poland) Prof. Yahsi Yazicioglu (Gazi University, Turkey)

Prof. Yuri Merkuryev (Riga Technical University, Latvia)

The Proceedings are aimed to introduction on research related with modern solutions and tools of Information Technologies, Telecommunications, and Electronics introduction in transportation and logistics. Responsibility for the accuracy of all statements in each paper rests solely with the Author(s).

Published in conformity with resolution No. 03/2018 on November 28, 2018 of Institute of Transport Riga Technical University

The correspondence address is:

Riga Technical University Institute of Transport Kalku street 1, Riga LV-1658, Latvia Tel.: +371- 29169240 E-mail: mareks.mezitis@rtu.lv