



Program

Conference program - 12th December 2019	
08 ⁰⁰ -08 ³⁰	Registration of participants
09 ⁰⁰ -09 ³⁰	Opening ceremony Chairmans: Zoran Bundalo, Lazar Radaković, Milan Maksimović, Lazar Mosurović
09 ³⁰ -11 ⁰⁰	Plenary section
	<i>The development of non-waste production technology of railway's products</i> Сергей Тютюков
	<i>Modernization of the railway network in Serbia - new opportunities and safety challenges</i> Slobodan Rosić, Milan Maksimović
	<i>Cost efficient and effective model for deployment ETCS L2 on secondary non-corridor lines</i> Ivan Tuháček, Vladimír Kampík
	<i>Robotics with basic technologies Industry 4.0 lead us to smart transport</i> Isak Karabegović, Ermin Husak, Dušan Mićević
	<i>A brief review on Slovenske železnice - Tovorni promet</i> Melita Rozman Dacar
	<i>Russia and Serbia together in international railway regulations and organizations</i> Branka Nedeljković
11 ⁰⁰ -11 ³⁰	Coffee break
11 ³⁰ -13 ⁰⁰	Section railway industry
	<ul style="list-style-type: none"> ✓ Institut Mihajlo Pupun d. o. o. ✓ AŽD saobraćajni sistemi d. o. o. ✓ Signaling d. o. o. ✓ Galeb signalizacija d. o. o. ✓ Neo Cargo Logistic, d. o. o. ✓ Inter-mehanika d. o. o. ✓ Železnički integralni transport ŽIT d. o. o. ✓ ERMEWA d. o. o. ✓ ELNOS d. o. o. ✓ Tatravagonka Bratstvo d. o. o. ✓ NIS Gazprom neft
13 ⁰⁰ -14 ⁰⁰	Catering
14 ⁰⁰ -18 ⁰⁰	Parallel sections
	<p style="text-align: center;">Sections I</p> <p style="text-align: center;">Chairmans: Dobrinka Atmadzhova, Сергей Тютюков, Branislav Gavrilović Location: Congress hall</p> <p><i>Strength analysis of passenger bogie elements operated in Bulgarian state railways</i> Dobrinka Atmadzhova, Vanio Rlaev</p> <p><i>Regenerative braking of the railway vehicle with traction asynchronous motors</i> Branislav Gavrilović, Zoran Bundalo</p> <p><i>Socio-economic factors improve the welfare Russian population</i> Лавров Владимир, Бурцева Татьяна, Семенюк Ксения</p> <p><i>The history of the development of sanitary-epidemiological service of russian railway transport</i> Дарья Добразова, Ольга Добразова, Сергей Тютюков</p> <p><i>The using of the scientific works Nikola Tesla in the teaching's process</i> Сергей Тютюков</p>



Vibration analysis and investigation of natural frequencies in high-speed railway tracks	Erol Uyar
Measurement of vibration in systems for Monitoring of Rail Transport	Branislav Gavrilović, Ivana Ćirović
The history of the college railway transport of the usurt faculty in the Ekaterinburg	Сергей Тютюков, Людмила Пермикина, Надежда Панова, Светлана Меньшикова
The history of the Sverdlovsk's railway (145 years since the beginning of building)	Сергей Тютюков, Светлана Меньшикова
Fuzzy logic system for train prioritizing	Milan Milosavljević, Zoran Bundalo
Solving the location issue of logistic centres	Tamara Milijašević, Nevena Savuljesku, Aleksandar Blagojević, Sreten Tešanović
The impact of unplanned train stopping at open line to driving timesextension	Dušan Vujović, Zorica Milanović
The use of a modern device for regulating the movement of trains when studying a set of measures for the automation of railway transport	Алексей Сапко, Владимир Трубицин
Study of work of metrological service at JSC "RZD" within the framework of the training program at the college of railway transport of urgups	Шарафитдинова Наталья Валентиновна, Прокопьев Кирилл Александрович
Delay factors in railway passenger transport	Dimitrije Milutinović, Zoran Avramović
Analisis of some central of european Railway of infrastructures	Ante Bošnjak, Miljenko Bošnjak
Designing of customer-oriented railway service with Kano model	Dragana Macura, Milica Šelmić
Railway Network Simulation using OpenTrack	Андреас Шёбель, Даниель Хюрлиманн, Ольга Шёбель-Пермякова
Environmental and industrial safety in railway transport	Шарафитдинова Наталья Валентиновна, Певцов Вячеслав Алексеевич
Railway infrastructure projects and their investment models	Filip Šćekić
Priority railway projects under conditions of limited financial possibility	Filip Šćekić, Lazar Mosurović
Interoperability and security as major drivers of railway market opening	Nermin Čabrić, Aleksandar Blagojević
The role and importance of railway tariffs in increasing transport service quality	Zoran Pavlović, Zoran Bundalo, Rajko Divljan
Enviroment and railway traffic	Jovo Steljić, Lazar Mosurović
Problems of environmental and industrial safety in railway transport in the Ural region	Михаил Кошуков, Михаил Молочков, Елена Паньшина
Ecology on railway transport of Sverdlovsk railway	Кирилл Мельников, Елена Паньшина
Establishment of a Regional railway academy and the necessity of raising the level of knowledge of employees in the Serbian railway sector	Nenad Kecman, Željko Valentić, Miroslav Stojčić, Milena Ilić
Effective and efficient education of employees in railway transport	Zoran Pavlović, Zoran Bundalo

Section II	
Chairmans: Dragan Petrović, Владимир Бабошин, Branka Nedeljković	
Location: Library	
<i>Transport of dangerous goods on public railway infrastructure network, upon the railway system reform in Republic of Serbia</i>	Gordana Anđelić
<i>Management of the stresses in CWR on the bridge</i>	Nikola Mirković, Zdenka Popović, Luka Lazarević
<i>Features of using automated railway control systems in emergency situations</i>	Владимир Бабошин, Роман Пантелеев, Михаил Яшин, Александр Иванов
<i>Modern modular technologies for railway rehabilitation</i>	Владимир Бабошин, Роман Пантелеев, Павел Фомин
<i>Dynamic testing of DDam wagon for cars transportation</i>	Dragan Petrović, Milan Bižić
<i>Guidelines for improving the market operation of domestic companies</i>	Snežana Bešić, Dejan Đorđević, Cariša Bešić, Jasmina Velisavljević
<i>Some management issues railway transport system</i>	Михаил Яшин
<i>Some questions of assessing railway station capacity</i>	Владимир Бабошин, Роман Пантелеев, Николай Романов, Михаил Яшин
<i>The need of a modern concept of training traffic employees</i>	Milutin Đuričić, Milan Đuričić, Zorana Nikitović
<i>The impact of road and rail transport on the environment</i>	Danijela Pecarski, Zorka Jugović, Slađana Borisavljević
<i>Engineer education for professional work in schools for railway jobs, or...</i>	Aleksandar Blagojević
<i>Satellite communications on the railway</i>	АНТОН ВЬЛЕГЖАНИН, Айрат Сатдинов, Дмитрий Журавлев
<i>To the question of the effective use of the separate-conveyor method of laying the upper track structure</i>	Андрей Даниленко, Антон Вьлекжанин
<i>Geographic potential of the railway network as the focus of migration crises</i>	Milan Stanković, Miodrag Huber
<i>Creating Future With Digital Transformation Of Railways</i>	Dragica Jovanović, Marko Bursać, Goran Tričković, Dušan Jeremić
<i>Uninterruptible power supply offers automation and telemechanics devices</i>	Владимир Бабошин, Роман Пантелеев, Михаил Яшин
<i>Synthesis of a multi-stage mechanical drive by the method of multi-criteria optimization</i>	Александр Широкоухов
<i>Analysis of dynamic loads on fire trucks in difficult road conditions</i>	Константин Иванов
<i>Saving facility sanitary technology for rolling stock and infrastructures on railway</i>	Александр Семенов
<i>The fiber optic networks application on railways</i>	Goran Zajić, Nikola Slavković
<i>Video sroillance in railway transport in thermal power station Nikola Tesla</i>	Danijela Štajcar, Saša Trivić, Goran Stojadinović, Milan Kuzmanović
<i>Reconstruction of tank wagons for transportation of petroleum products owned by NIS a.d. Novi Sad to a system for filling and discharging with vapour circulation system (bottom loading)</i>	Vlajko Kalkan



Rail transport in the modern world

	<i>Risk in the transport of dangerous goods by rail</i> Nemanja Deretić, Sanja Ilić, Goran Mihajlović
	<i>Technical solution for the organization of restoration of interrupted train traffic</i> Павел Даниленко, Роман Романов
18⁰⁰-18³⁰	Conference closing
19⁰⁰-22⁰⁰	Gala dinner (restaurant Savski Venac)
Conference program - 13th December 2019	
09¹⁵-16⁰⁰	Professional visit to the high speed railway construction site (Belgrade-Budapest) - location: Čortanovci, and visit to Sremski Karlovci