

DAY 1 – Wednesday, May 15th

16:00 - 19:00	Registration of the participants
18:00 - 19:00	A welcome cocktail for participants and guests

DAY 2 – Thursday, May 16th

08:00 - 09:00	Registration of the participants		
09:00 - 09:30	Opening Ceremony		
09:30 - 10:15	Keynote Lecture: A CONSTITUTIVE MODEL FOR HYDRO-MECHANICAL ANALYSIS OF GRANULAR MATERIALS SUBJECT TO CYCLIC LOADING by Prof. Nasser Khalili, University of New South Wales, Australia		
10:15 - 11:00	Keynote Lecture: INNOVATIVE SYSTEM FOR 3D MEASUREMENT OF S&C CRITICAL PARAMETERS by Prof. Stasha Jovanovic, University of Novi Sad, Serbia		
11:00 - 11:30	Coffee Break		
11:30 - 13:00	A1: Railway infrastructure strategic asset management	B1: Safe road infrastructure planning and management	C1: Railway superstructure optimization and monitoring
13:00 - 14:00	Lunch Break		
14:00 - 15:30	A2: Road infrastructure strategic planning and management	B2: Active mobility infrastructure for sustainable urban transport	C2: Railway superstructure condition assessment
15:30 - 16:00	Coffee Break		
16:00 - 17:30	A3: Road infrastructure sustainable design and (re)construction	B3: Re-shaping urban mobility	C3: Special session: Vibration-based rail infrastructure monitoring and assessment
17:30 - 18:00	Coffee Break		
18:00 - 19:30	No Session	B4: Railway facilities design and performance evaluation	C4: Geotechnical structures condition assessment
20:30 - 23:00	Gala Dinner		

DAY 3 – Friday, May 17th

09:00 - 10:30	A5: Design and evaluation of asphalt pavement mixtures	B5: Railway facilities and vehicles operation optimization and management	C5: Safe road infrastructure design
10:30 - 11:00	Coffee Break		
11:00 - 12:30	A6: Innovations and green technology in pavement materials and engineering	B6: Special session: Enhancing road and rail safety through novel structural health monitoring applications on bridges	C6: Safe road infrastructure monitoring and analysis
12:30 - 13:30	Lunch Break		
13:30 - 15:00	A7: Pavement structures monitoring and condition assessment	B7: Transportation structures monitoring and optimization	C7: Road transport operation management and service quality
15:00 - 15:30	Coffee Break		
15:30 - 16:45	A8: Railway infrastructure strategic planning and modernization	B8: Transportation structures design and (re)construction	8C: PhD Session (miscellaneous)
16:45 - 17:00	Closure Ceremony		

11:30 - 13:00	Session 1	ID	Submission by Authors
11:30 - 13:00	A1: Railway infrastructure strategic asset management	1743	CURRENT TECHNICAL FEATURES AND DEVELOPMENT TRENDS OF HIGH-SPEED RAILWAY IN CHINA by Rongshan Yang
		1608	NEW PROCESS OF DETERMINATION OF THE POTENTIAL AND SCOPE OF THE RAILWAY INFRASTRUCTURE by Milan Dedík, Jozef Gašparík, Zdenka Bulková & Vladislav Zitrický
		1594	UTILIZATION OF REGIONAL LINES AS ALTERNATIVE ROUTES FOR THE IMPROVEMENT OF THE RESILIENCE OF THE RAILWAY INFRASTRUCTURE IN CASE OF EMERGENCIES by Adriana Pálková, Zdenka Bulková & Jaroslav Mašek
		1711	ENHANCEMENT OF RAILWAYS IN DALMATIA by Andreas Schöbel
		1517	LCA COMPARISON OF SLAB TRACK VS. BALLASTED TRACK by Dieter Knabl & Matthias Landgraf
		1518	AN INVESTIGATION OF REASONS AND CONSEQUENCES OF DETERIORATED HYDRAULIC CAPACITIES OF CULVERTS CONCERNING RAILWAY TRACK STABILITY by Niyazi Özgür Bezgin
	B1: Safe road infrastructure planning and management	1617	REVIEW OF LOW-BUDGET MEASURES FOR THE PREVENTION OF TRAFFIC ACCIDENTS AT LEVEL CROSSINGS by Danijela Barić & Silvestar Grabušić
		1557	APPROACH FOR DEFINING THE LIMIT VALUE OF THE STOPPING SIGHT DISTANCE ON THE ROADS IN THE REPUBLIC OF NORTH MACEDONIA by Riste Ristov, Slobodan Ognjenovic, Zlatko Zafirovski, Vasko Gacevski, Ivona Nedevska Trajkova & Zorica Desovska
		1532	EVALUATION OF AVAILABLE SIGHT DISTANCE ESTIMATION METHOD ON RURAL ROADS ACCORDING TO CROATIAN REGULATION by Ivica Stančerić, Šime Bezina, Željko Stepan & Tamara Džambas
		1629	ENHANCEMENT OF ROAD SAFETY: A PROPOSED REVISION OF THE REGULATIONS FOR THE DESIGN OF PUBLIC ROADS IN CROATIA by Igor Majstorović, Ivica Stančerić, Ana Rigo & Željko Stepan
		1660	SURFACE DRAINAGE AND AQUAPLANING RISK IN ROAD INFLECTION ZONES by Vladan Ilić, Nikola Milovanović, Miloš Lukić, Dejan Gavran, Sanja Fric, Filip Trpčevski & Stefan Vranjevac
		1586	APPLICATION OF THE IHSDM FOR ANALYSIS OF ROAD DESIGN CONSISTENCY AND ASSESSMENT OF THE NUMBER AND TYPE OF TRAFFIC ACCIDENTS: A CASE STUDY OF THE CROATIAN STATE ROAD DC1 by Biljana Maljković, Dražen Cvitanić & Deana Breški
		1595	PARTICIPATION OF AUTONOMOUS VEHICLES IN REAL-LIFE TRAFFIC: AN ASSESSMENT OF THE BEHAVIOUR OF ROAD USERS by Vladislav Kondratović, Jurgita Rimkuvienė & Donatas Čygas
	C1: Railway superstructure optimization and monitoring	1589	PREDICTIVE ANALYTICS FOR ENHANCING PERFORMANCE AND SAFETY IN CONTINUOUSLY WELDED RAIL by Zsolt László Orbán & Laurențiu Mărculescu
		1599	OPTIMIZING RAIL INTEGRITY – DEFINING NEW STRESS-FREE TEMPERATURE INTERVALS FOR CONTINUOUSLY WELDED RAIL (CWR) by Laurențiu Mărculescu & Zsolt Laszlo Orban
1592		INDUCTIVE RAILWAY TURNOUT HEATING SYSTEMS – A REVIEW OF SCIENTIFIC PUBLICATIONS by Julian Heger	
1673		ANALYSING RAIL STRUCTURE INTERACTION IN OPEN WEB STEEL GIRDERS WITH VARIED SPANS: A COMPREHENSIVE CASE STUDY by Jithin C, Prayas Taludkar & Vasanth Kumar Samyayya	
1738		NEW METHODS FOR TRACK MONITORING AS A RESPONSE TO CLIMATE CHANGE by Ivo Haladin, Katarina Vranešić & Franka Meštrović	
1521		FROM MIXED TRAFFIC TO URBAN TRANSPORT: ACHIEVING LONGEST SERVICE LIVES AND LOWEST MAINTENANCE NEEDS BY TAILOR-MADE RAIL SOLUTIONS WITH SMART MICROSTRUCTURES by Rainer Hochfellner & Lukas Prettnner	
13:00 - 14:00	Lunch Break		

A2: Road infrastructure strategic planning and management

- 1559 ADDRESSING CHARGING INFRASTRUCTURE LOCATION PROBLEM CONSIDERING A DYNAMIC AND SUPPLY
by Ilyas Cihan Aksoy, Mehmet Metin Mutlu & Yalçın Alver
- 1666 KEY INDICATORS AFFECTING THE EVOLUTION OF ROAD TRAFFIC IN ROMANIA
by Robert Adrian Sandu & Carmen Răcănel
- 1616 ROAD ASSET MANAGEMENT MANUAL OF THE WORLD ROAD ASSOCIATION PIARC
by Darko Kokot & Vittorio Nicolosi
- 1639 ROAD INFRASTRUCTURE MANAGEMENT USING MODERN TECHNOLOGICAL APPROACHES IN THE LIGHT OF LIMITING BARRIERS
by Stefan Sedivy, Martina Jackova, Ingrid Zuziakova, Zuzana Florkova & Peter Danisovic
- 1705 ROAD ASSET EVALUATION MODELS, CASE STUDY
by Diana Bardhi
- 1741 ANALYSIS OF WILLINGNESS TO PAY FOR SLOPE FAILURE RECONSTRUCTION IN THE DEMOCRATIC REPUBLIC OF TIMOR LESTE: USING SURVIVAL TIME ANALYSIS
by Yuki Minematsu, Makoto Fujii, Yuma Morisaki, Yosuke Kon & Junichi Takayama

B2: Active mobility infrastructure for sustainable urban transport

- 1560 RELATING ACTIVE TRAVELLER EXPECTATIONS TO SURFACE CONDITION MANAGEMENT OF CYCLE FACILITIES
by Carl Van Geem & Tim Massart
- 1689 ANALYSIS OF CYCLING INFRASTRUCTURE - A CASE STUDY OF SPLIT
by Deana Breški, Biljana Maljković & Martin Matić
- 1663 EVALUATION OF A SHARED CYCLE APPLYING A QUEUEING NETWORK
by Takashi Miyazawa & Kazuyuki Takada
- 1563 ENHANCING URBAN SUSTAINABLE MOBILITY: A BINARY LOGISTIC REGRESSION APPROACH TO MODELLING CYCLISTS' BEHAVIOUR
by Yalçın Alver & Elia Odabasi
- 1714 SIMULATING THE PROCESSES OF GOODS DELIVERING BY CARGO BICYCLES
by Hanna Vasiutina & Vitalii Naumov
- 1513 PEDESTRIAN BEHAVIOR ON EGE UNIVERSITY CAMPUS SIDEWALKS
by Yalçın Alver, Ozgen Acet & Pelin Onelcin
- 1554 PREDICTING PEDESTRIAN CROSSING SPEED AT UNSIGNALIZED INTERSECTIONS WITH XGBOOST
by Pelin Onelcin & Yalçın Alver
- 1605 URBAN TRANSPORT INFRASTRUCTURE AND GREEN INFRASTRUCTURE: ACTIONS TO MITIGATE CLIMATE CHANGE
by Milica Pavić & Igor Jokanović

C2: Railway superstructure condition assessment

- 1688 IDENTIFYING ISOLATED DEFECTS IN THE BALLAST BED USING A FRACTAL ANALYSIS APPROACH WITH REDUCED WINDOW LENGTH
by Andrea Katharina Korenjak, Stefan Offenbacher & Stefan Marschnig
- 1598 LONG-TERM GEOMETRY EVALUATION IN SWITCHES AND CROSSINGS AND THEIR MUTUAL COMPARISON
by Lukáš Raif, Miroslava Hružíková, Otto Plášek & Michal Vyhřídál
- 1525 PROJECT NONIS – DEVELOPMENT OF OPTIMIZED AND SUSTAINABLE INSULATED RAIL JOINT SYSTEMS
by Maximilian Bürgler & Stefan Marschnig
- 1539 TEMPERATURE DISTRIBUTION AT RAIL AND HEATING ROD RESULTING FROM VARYING THERMAL CONTACT RESISTANCES BETWEEN HEATING ROD AND RAIL OF HEATED SWITCH POINTS
by Markus Schladitz, Robert Adam & Stephan Schlegel
- 1684 ENHANCING RAIL DEFECT DETECTION: COMPARATIVE ANALYSIS OF TWO-LAYER AND FIVE-LAYER CNN NETWORKS
by Saeed Mohammadkhah, Joaquim Tinoco, Jesus Frias & José Campos e Matos
- 1531 CALIBRATION OF AN NDT METHOD FOR DETECTION AND QUANTIFICATION OF ROLLING CONTACT FATIGUE DAMAGE IN MANGANESE STEEL TURNOUTS IN TRACK
by Christoph Tuschl, Beate Oswald-Tranta & Sven Eck

A3: Road infrastructure sustainable design and (re)construction

- 1649** STEPS FROM TRADITIONAL DESIGN TO BIM
by Isidora Pančić
- 1564** RECONSTRUCTION OF THE JARUNSKA ROAD IN ZAGREB AFTER THE EARTHQUAKE
by Miroslav Šimun, Ante Goran Bajić, Davor Marković & Luka Jurčević
- 1683** THE IMPACT OF THE PLANNED EXPRESSWAY MOSTAR-GRUDE-BORDER-IMOTSKI-ZAGVOZD ON THE SOCIOECONOMIC CHARACTERISTICS OF THE S AND SW AREAS OF B&H AND CROATIA
by Predrag Šarkinović
- 1552** ANALYSIS OF THE LOCATION FOR THE ACCOMMODATION OF THE NEW TRAM AND BUS DEPOT OF GSP BEOGRAD
by Ljiljana Milić Marković, Ljubo Marković & Dragana Biber
- 1534** REDESIGN OF FOUR-LEG URBAN INTERSECTION WITH LIGHT RAIL IN A CORRIDOR OF TWO STREETS: CASE STUDY IN ZAGREB
by Ivica Stančerić, Marin Puljar-Matić, Tamara Džambas & Šime Bezina
- 1726** ROAD BYPASS AROUND THE CITY OF BRČKO - PRESENTATION OF THE SPECIFICS OF THE PROJECT AND CONSTRUCTION OF THE BYPASS
by Stjepan Kralj, Nataša Mujčić Sukalić & Mario Kralj
- 1717** PERFORMANCE-BASED ROAD REHABILITATION AND MAINTENANCE CONTRACTS IN ALBANIA, A REVIEW OF FIFTEEN YEARS OF EXPERIENCE (2008 – 2023)
by Diana Bardhi

B3: Re-shaping urban mobility

- 1585** ASSESSING PREFERENCES FOR THE INTRODUCTION OF A NEW TRAM LINE ON UNIVERSITY OF ZAGREB CAMPUS USING STATED PREFERENCES EXPERIMENT
by Nikola Kožul, Luka Novačko & Karlo Babojelić
- 1704** DEVELOPMENT AND APPLICATION OF ROPEWAY SYSTEMS IN URBAN AREAS
by Martin Starčević, Mladen Nikšić, Matea Mikulčić & Mario Čičak
- 1527** MOBILITY HUBS IN SUBURBAN AND RURAL AREAS – AN OVERVIEW OF THE DEVELOPMENT IN GERMANY AND EXPERIENCES FROM THE RAMO PROJECT
by Johann Grobe, Marie Werneke & Volker Bles
- 1556** IMPROVING QUALITY OF SERVICE ON THE BUS LINE 236 IN THE CITY OF ZAGREB
by Marko Slavulj, Dino Šojat, Matija Sikirić & Luka Vidan
- 1590** APPLICATION OF MICROSIMULATION MODELLING IN THE ASSESSMENT OF URBAN INTERSECTION RECONSTRUCTION
by Irena Ištoka Otković, Đuro Zečević, Aleksandra Deluka-Tibljaš, Mirjana Šimunović & Sanja Šurdonja
- 1551** URBAN TRAFFIC CONTROL - DEFINITION, CLASSIFICATION, AND OUTLOOK
by Aleksandar Stevanović
- 1740** EFFECTIVE ANALYSIS OF SATISFACTION OF TRANSPORTATION DEPENDS ON THE AMOUNT OF MONEY SPENT BY CRUISE SHIP PASSENGERS
by Koki Nakabayashi, Makoto Fujii, Yuma Morisaki & Junichi Takayama
- 1603** POSSIBILITIES AND THE EFFECTS OF INTRODUCING SUPERBLOCKS IN ZAGREB LOWER TOWN
by Karla Javorović, Maja Ahac, Igor Majstorović & Saša Ahac

C3: Special session: Vibration-based rail infrastructure monitoring and assessment

- 1519** DEVELOPMENT OF CONTACT STRESSES ON RAILS AND THE NEED FOR SPECIALLY GRADED STEEL FOR RAILWAYS
by Niyazi Özgür Bezin
- 1582** DYNAMIC BEHAVIOUR OF THE SLEEPER LENGTH TRANSITION IN RAILWAY TURNOUTS
by Francesco Marangon & Ferdinand Pospischil
- 1584** IOT-DRIVEN TRACK HEALTH MONITORING FOR SUSTAINABLE RAILWAY OPERATIONS
by Hunor Sándor, Zoltán Szántó & Zsolt László Orbán
- 1716** DEVELOPMENT OF A LOW-COST TRAIN PATROL SUPPORT METHOD FOR RAILWAY TRACK MAINTENANCE USING A SMARTPHONE
by Hirofumi Tanaka, Boyu Zhao, Di Su & Tomonori Nagayama
- 1729** INTRODUCTION OF A NOVEL SMART SLEEPER DESIGN FOR RAILWAY TRACK CONDITION MONITORING
by Mehmet Ali Toprak, Bayezid Özden, Oğuzhan Çelik, Gökhan Sapanca, Mehmet Fatih Şahin & Ercan Yüksel
- 1715** RAIL-WEB MOUNTED PITCH-CATCH PIEZOELECTRIC SETUP FOR DETECTION OF HEAD CHECKS USING SURFACE ACOUSTIC WAVES
by Mohsen Rezaei, David Künstner & Hans-Peter Gänser
- 1510** THE POSSIBILITY OF USING MACHINE LEARNING FOR NETWORK-WIDE PREDICTIVE MAINTENANCE ON URBAN RAILWAY TRACKS – URITMIS PROJECT CASE STUDY
by Ivo Haladin, Krešimir Burnać, Maja Baniček, Katarina Vranešić & Nenad Trifunović

B4: Railway facilities design and performance evaluation

- 1631** PLATFORM SCREEN DOORS EARTHING AND BONDING STRATEGIES FOR DESIGN AND MAINTENANCE
by Andrea Mariscotti
- 1535** RISK ASSESSMENT FOR PASSENGERS ON STATION PLATFORMS: A QUANTITATIVE APPROACH
by Alessandro Baldassarra, Cristiano Marinacci & Stefano Ricci
- 1615** POTENTIAL APPLICATION OF MAGLEV DERIVED SYSTEM TO IMPROVE RAILWAY PERFORMANCE
by Arbra Bardhi, Giuseppe Carcasi, Marjorie de Belen, Giovanni De Blasio, Angela Nocita, Camilo Patiño Puerta, Pawel Radziszewski, Stefano Ricci & Luca Rizzetto
- 1621** ANALYSIS OF DIFFERENT TRACTION SYSTEMS FOR THE ZILLERTALBAHN
by Manfred Vohla, Andreas Schöbel & Bernard Rüger
- 1561** RAIL TRANSPORT PERFORMANCES ON ELECTRIFIED AND NON-ELECTRIFIED RAILWAY LINES: SUSTAINABLE RAIL TRANSPORT POINT OF VIEW
by Anna Dolinayová & Peter Morihladko
- 1575** STUDY OF CONFIGURATION OF OVERHEAD CONTACT LINE IMAGING DEVICE FOR SHINKANSEN
by Itaru Matsumura & Chikara Yamashita

C4: Geotechnical structures condition assessment

- 1708** EXPLORING THE IMPACT OF LEVELAMS: GEOTECHNICAL ASSET MANAGEMENT SOFTWARE WITHIN BRISA'S INFRASTRUCTURE
by Juliana Barros, Miguel Cruz, Marisa Pinheiro, Isabel Gonzalez & Tiago Miranda
- 1540** ASSESSING THE SOIL LIQUEFACTION SUSCEPTIBILITY: A COMPARATIVE STUDY OF CPT AND MASW TECHNIQUES IN THE AFTERMATH OF ROAD FAILURE
by Mario Bačić, Meho Saša Kovačević, Nicola Rossi & Lovorka Librić
- 1514** DEFORMATION ANALYSIS DURING TUNNEL EXCAVATION IN POOR ROCK MASS
by Ekrem Bektašević, Kemal Gutić, Reuf Kadrić, Sead Kadrić & Denijal Sikira
- 1687** THE AGGLOMERATIONS AND ROADS – LESSON TO BE LEARNED
by Mensur Mulabdić & Nikifor Petrović
- 1670** USE OF GREEN SOIL STABILIZATION FOR PROTECTION OF ROADSIDES AGAINST WIND EROSION
by Dunja Perić & Arash Olia
- 1700** EARTHWORKS CALCULATION – ANALYSIS OF EXISTING FORMULAS AND SHOWCASING THE FUTURE METHOD FOR VOLUME CALCULATION
by Fran Šokac
- 1542** MODERN SPATIAL MONITORING METHODS FOR GEOTECHNICAL STRUCTURES ALONG THE TRANSPORTATION NETWORKS
by Marijan Car, Meho Saša Kovačević, Mario Bačić, Irina Stipanovic & Kenneth Gavin
- 1628** THE INFLUENCE OF A THIN SOIL LAYER ON THE RAYLEIGH WAVE DISPERSION CURVE
by Meho Saša Kovačević, Gordana Ivoš, Danijela Jurić Kačunić, Lovorka Librić & Mario Bačić

09:00 - 10:30	Session 5	ID	Submission by Authors
A5: Design and evaluation of asphalt pavement mixtures	1538	INVESTIGATION OF THE ENVIRONMENTAL DEGRADATION OF ASPHALT PAVEMENT MIXTURES by Eva Remišová & Dušan Briľiak	
	1607	CREEP AND RECOVERY OF SBS MODIFIED BITUMEN DEPENDING ON THE PROPERTIES OF BASE BITUMEN AND POLYMER by Judita Škuldecké, Audrius Vaitkus & Ovidijus Šernas	
	1638	RELIABILITY COMPARISON OF TWO-POINT AND FOUR-POINT BENDING TESTS FOR COARSE AGGREGATE MIXTURES by Petr Veselý & Ondřej Dašek	
	1681	ELASTIC MODULI OF STABILIZED MIXTURES WITH WOOD ASH by Mirjana Šimunović, Pavica Senić Barišić & Sanja Dimter	
	1707	EFFECT OF RAP ON THE PHYSICAL PROPERTIES OF ASPHALT MIXTURES WITH PMB by Jiří Sachr, Ondřej Dašek & Petr Veselý	
	1662	EXPERIMENTAL INVESTIGATION ON THE EFFECT OF CRUMB RUBBER ON THE MECHANICAL BEHAVIOUR OF STONE MASTIC ASPHALT (SMA) by Mahdi Zakerzadeh, Babak Shahbodagh & Nasser Khalili	
	1622	ASSESSMENT OF LIGNIN AS A POTENTIAL BIO-MODIFIER FOR CONVENTIONAL BITUMEN by Stavros Kalampokis, Evangelos Manthos & Georgios Matthaïou	
	B5: Railway facilities and vehicles operation optimization and management	1640	THE INFLUENCE OF THE VEHICLE LAYOUT ON THE PERFORMANCE OF PUBLIC TRANSPORT by Bernhard Rürger
1648		SPEED PROFILE CALCULATION WITH AN ACCELERATION MODEL: CASE STUDY OF ZAGREB TRAMWAY SYSTEM by Igor Majstorović, Maja Ahac & Ivo Haladin	
1641		INCREASING THE EFFICIENCY OF NIGHT TRAINS BY IMPROVING THEIR USABILITY IN DAYTIME TRANSPORT by Bernhard Rürger, Maria Traunmüller, Florian Steiner, Frank Michelberger & Thomas Sauter-Servaes	
1668		DIGITAL DECISION-MAKING SUPPORT FOR RAILWAY NODE CAPACITY OPTIMIZATION: AN APPLICATION TO THE PORT OF TRIESTE by Caterina Caramuta, Giovanni Longo, Teresa Montrone & Carlo Poloni	
1512		DAILY TRAVEL DEMAND PREDICTION IN RAIL SYSTEMS BY USING DEEP LEARNING TECHNIQUES by Yalçın Alver & Halil Uğur Ercan	
1600		DEFINITION OF STRATEGICALLY ORIENTED TRANSPORT USERS IN FREIGHT TRANSPORT AT ŽRS by Zoran Gajić, Nada Radojčić, Mladen Božić & Nebojša Kovačević	
C5: Safe road infrastructure design	1553	TIME-TO-COLLISION ANALYSIS AT MODERN ROUNDABOUTS by Pelin Onelcin & Yalçın Alver	
	1664	ANALYSIS OF CRASH SEVERITY AT INTERSECTIONS AND ROUNDABOUTS USING ORDERED AND GENERALIZED ORDERED PROBIT MODELS by Roya Eskandar Kamali, Arash Mazaheri & Amir Masoud Rahimi	
	1529	INFLUENCE OF TRUCK APRON DESIGN ON TWO-GEOMETRY ROUNDABOUTS' SPEED MANAGEMENT POTENTIAL by Saša Ahac & Maja Ahac	
	1591	LONGITUDINAL RESEARCH ON INFLUENCE OF TRAFFIC AND URBAN ROAD ELEMENTS ON OPERATIONAL SPEED by Sanja Šurdonja, Aleksandra Deluka-Tibljaš, Irena Ištoka Otković & Mirna Klobučar	
	1524	EFFECT OF TRAFFIC-CALMING COUNTERMEASURES ON VEHICLE SPEED NEAR A PEDESTRIAN CROSSING – A DRIVING SIMULATOR STUDY by Martín-Castresana Santiago, Higuera Santiago, Gabriel Serrano & María Castro	
	1643	INVESTIGATIONS OF RED-COLOURED SPEED HUMPS INSTALLED ACROSS THE ENTIRE WIDTH OF THE CARRIAGEWAY by Tamara Džambas, Ivica Stančerić, Vesna Dragčević & Donatela Topić	
10:30 - 11:00	Coffee Break		

11:00 - 12:30	Session 6	ID	Submission by Authors	
A6: Innovations and green technology in pavement materials and engineering		1694	EFFECT OF ZEOLITE ADDITION TO MODIFIED BITUMEN FOR APPLICATION IN WEARING COURSE by Roman Pacholak, Wladyslaw Gardziejczyk, Marta Wasilewska, Pawel Gierasimiuk & Agnieszka Woszuk	
		1736	THE USE OF RECYCLED PLASTICS IN WARM MIX ASPHALT by Šime Bezina, Ana Rudeš, Josipa Domitrović, Ivica Stančerić & Tatjana Rukavina	
		1610	ASPHALT MECHANICAL PERFORMANCE OF RUBBER BITUMEN FOR HOT AND WARM ASPHALT MIXTURES by Kornél Almássy	
		1667	MECHANICAL PROPERTIES OF FOAM CONCRETE AS A CONSTRUCTION MATERIAL IN CYCLE PAVEMENT STRUCTURES by Zuzana Papánová & Matej Prišč	
		1685	EARLY LIFE FIELD PERFORMANCE OF INNOVATIVE SUSTAINABLE SEMI-FLEXIBLE PAVEMENTS by Alessandro Marradi, Chiara Mignini, Alessandro Friani, Arianna Stimilli & Tullio Caraffa	
		1581	UTILIZATION OF MINE OVERBURDENED MATERIALS IN LOW VOLUME ROADS SUBBASE/BASE WITH COCONUT COIR GEOTEXTILE REINFORCEMENT by Jagdish Gouda, Ayush Dudhabaware, Dakka Sitarami Reddy & Srinivasan Venkatraman	
		1651	PAVEMENT SUBBASE LAYERS FOR RECONSTRUCTION AND REPAIR OF LOWER CLASS ROADS by Karel Spies	
		1614	LOW-CARBON PAVEMENT SOLUTIONS: INTEGRATING INCINERATION ASHES IN PRECAST CONCRETE INNOVATIONS by Jelena Šantek Bajto, Nina Štirmer, Ivana Carević & Suzana Hozmec	
	B6: Special session: Enhancing road and rail safety through novel structural health monitoring applications on bridges		1611	OPTIMISING BRIDGE MAINTENANCE: A CASE STUDY IN ASSESSING BRIDGE CONDITION USING NOVEL TECHNOLOGIES AND METHODS by Jurica Pajan, Ivan Duvnjak, Jurica Goričanec & Suzana Ereiz
			1627	FATIGUE ASSESSMENT OF AN 100 YEARS OLD RIVETED TRUSS RAILWAY BRIDGE by Mateusz Rajchel & Tomasz Siwowski
		1674	MODELLING AND STATIC ANALYSING FOR A CABLE STAYED BRIDGE CONSIDERING THE CONSTRUCTION STAGES by Claudia Chiotan & Ionut Radu Răcănel	
		1658	INSTABILITY DETECTION FOR HIGH-SPEED WEIGH-IN-MOTION SYSTEMS TOWARDS DIRECT ENFORCEMENT by Loïc Warscotte & Jehan Boreux	
		1720	FINITE ELEMENT MODEL UPDATING OF CIVIL ENGINEERING STRUCTURES: SIGNIFICANCE OF MODE SHAPE PARING by Suzana Ereiz, Javier Fernando Jiménez-Alonso, Ivan Duvnjak, Marko Bartolac, Janko Koščak & Jurica Pajan	
		1721	IMPACT OF STRUCTURE TESTING AND MONITORING IN BRIDGE ASSESSMENT by Marija Kušter Marić, Ana Mandić Ivanković, Mladen Srbić, Dominik Skokandić & Anđelko Vlašić	
		1722	VIBRATIONS TESTS OF A BAILEY-TYPE SUSPENSION BRIDGE OVER THE JABLANICA LAKE by Amina Karavelić-Hadžimejlić & Senad Medić	
C6: Safe road infrastructure monitoring and analysis		1516	DETECTION OF ROAD MARKINGS AND ROAD SIGNS BY ADVANCED DRIVER ASSISTANCE SYSTEMS – A LITERATURE REVIEW by Lucija Franković, Ivana Kučina, Mario Fiolić, Darko Babić & Dario Babić	
		1550	RESEARCH OF ROAD MARKINGS VISIBILITY DEGRADATION BASED ON APPLIED MATERIALS ON CROATIAN STATE ROADS by Vanna Boroša, Darko Babić, Marija Ferko & Mario Fiolić	
		1642	AI & SMART TUNNEL: IMPROVING ROAD TUNNEL RESILIENCE BY DYNAMIC AND PREDICTIVE RISK ANALYSIS by Alessandro Focaracci, Luigi Martirano & Francesca Zacchei	
		1644	SMART TUNNEL IN INDUSTRY 5.0: IMPROVING ROAD TUNNEL RESILIENCE BY DYNAMIC RISK ANALYSIS by Alessandro Focaracci, Luigi Martirano & Francesca Zacchei	
		1574	ROAD SAFETY AUDIT FROM CONCEPT TO RESULTS by Orestis-Theodoros Arampatzis & Fotini Kehagia	
		1702	DEVELOPMENT OF A SPEED-MEASURING DEVICE FOR VEHICLES USING LASER DISTANCE SENSOR by Shuhei Kaneko, Aoi Tachibana, Kenta Yanagimachi & Kazuyuki Takada	

13:30 - 15:00	Session 7	ID	Submission by Authors	
A7: Pavement structures monitoring and condition assessment		1650	EXPERIMENTAL ANALYSIS OF PAVEMENT STRUCTURE BEHAVIOUR IN A LABORATORY FULL-SCALE MODEL by Karel Spies	
		1613	FALLING-WEIGHT-DEFLECTOMETER-BASED STRUCTURAL CONDITION ASSESSMENT OF LOW-VOLUME ROAD PAVEMENTS: PRACTICES AND CHALLENGES by Martynas Karbočius & Audrius Vaitkus	
		1537	TIRE/PAVEMENT FRICTION: PRESENTATION OF A COMPREHENSIVE PHYSICAL TOOL THROUGH ADVANCED CONTACT MODELLING by Malal Kane	
		1536	APPLICABILITY OF FRONT-WHEEL BRAKING PROCEDURE TO EVALUATE ROAD AVAILABLE GRIP by Alex Coiret & Vincent Le Cam	
		1530	THE SHOULDER OF THE NEIGHBOURING COUNTY IS ALWAYS "GREENER" by László Gáspár, Zsolt Bencze, Csaba Tóth & Csaba Tóth	
		1652	RELIABILITY OF GPR DATA INTERPRETATION METHODS FOR DETERMINING THE THICKNESS OF ASPHALT LAYER by Josipa Domitrović, Marija Dukić, Šime Bezina, Ivica Stančerić & Tatjana Rukavina	
		1620	EFFECT OF CRACK SEALING TREATMENT ON SKID RESISTANCE OF PAVEMENT by Marjan Tušar, Jure Zekić, Darko Kokot & Lidija Ržek	
		1546	INFRACOMS TOOLBOX FOR NRAS TO LEVERAGE TECHNOLOGICAL EVOLUTIONS FOR BRIDGE AND PAVEMENT MONITORING AND MAINTENANCE by Robin Workman, Kevin McPherson, Mogens Saberi, Fengqiao Zhang, Yuguang Yang, Anna Arvidsson, Simon Fjendbo, Darko Kokot, Andrej Anžlin, Mette Sloth, Ali Yeganeh & Carl Van Geem	
	B7: Transportation structures monitoring and optimization		1579	CRACK CLASSIFICATION IN CONCRETE USING PARAMETER-AND SIGNAL-BASED ACOUSTIC EMISSION ANALYSIS by Sena Tayfur & Ninel Alver
			1580	A DEEP LEARNING BASED DAMAGE ESTIMATION MODEL INCORPORATING HYBRID AE DATA FOR MONITORING REINFORCED CONCRETE STRUCTURES by Omair Inderyas, Ninel Alver & Aydin Kaya
		1601	RAPID FLOOD VULNERABILITY ASSESSMENT OF BRIDGE NETWORKS: THE CROSSCADE PROJECT CASE by Mirko Kosić, Mario Bačić, Dominik Skokandić, Gordana Hrelja Kovačević, Ana Mandić Ivanković & Andrej Anžlin	
		1675	COMPARATIVE STUDY OF COMBINED FOUNDATION VS ISOLATED FOUNDATIONS FOR SPAN STRUCTURE by Gunaseelan Radhakrishnan, Rishi Amrithalal, Ganga P R & Vasanth Kumar Samyayya	
		1669	USE OF DIGITAL IMAGING TO EVALUATE THE EFFECTIVENESS OF EPS GEOFOAM INCLUSIONS IN ALLEVIATING INTEGRAL BRIDGE APPROACH SETTLEMENTS by Dunja Perić & Justin Yenne	
		1698	WIND TUNNEL TESTING OF A CABLE STAYED BRIDGE PYLON by Roberto Gomez, Marco Antonio Mendoza, Raul Sanchez & Oscar Rosales	
C7: Road transport operation management and service quality		1618	THE ROLE OF INTELLIGENT TRANSPORTATION SYSTEMS IN MITIGATING ADVERSE WEATHER EFFECTS ON TRAFFIC SAFETY AND EFFICIENCY by Nikola Čelar, Stamenka Stanković & Jelena Kajalić	
		1690	THE USE OF MULTIMODAL SERVICE LEVEL AND ARTIFICIAL NEURAL NETWORKS FOR THE IMPROVEMENT OF PUBLIC TRANSPORT by Mihai Maleanu & Valentin Vasile Ungureanu	
		1569	CHALLENGES AND SOLUTIONS OF LOGISTICS OPERATORS IN THE LAST MILE OF SUPPLY CHAINS by Ermin Muharemović, Amel Kosovac, Muhamed Begović & Edvin Šimić	
		1602	COMPARISON OF THE MILITARY CONVOYS' CROSS-COUNTRY MOBILITY ESTIMATION RESULTS FOR CROATIAN CONDITIONS by Ivana Gredelj, Maja Ahac & Saša Ahac	
		1596	POSSIBILITY TO APPLY CAPACITY ANALYSIS OF TWO-LANE ROADS WITH PASSING LANE IN HCM 7TH EDITION IN SOUTHEAST EUROPE COUNTRIES by Ivan Lovrić, Boris Čutura & Danijela Maslač	
		1686	EVALUATION OF TRAFFIC CONTROL MEASURES DURING TSUNAMI EVACUATION USING TRAFFIC SIMULATION by Chika Matsuura, Runa Saito & Kazuyuki Takada	
		1691	DEVELOPMENT OF A METHOD FOR IDENTIFYING THE NUMBER OF TIMES TO TURN AROUND DURING A DRIVING FOR PARKING by Ryo Harada, Rika Arasawa, Kazuyuki Takada & Makoto Fujju	

A8: Railway infrastructure strategic planning and modernization

- 1588** RESTRUCTURING MODEL OF RAILWAYS OF THE REPUBLIC OF SRPSKA
by Siniša Urumović, Gordana Ilinčić, Biljana Urumović & Danijela Kuravica
- 1528** RAILWAY MODERNIZATION PROJECTS IN THE REPUBLIC OF SERBIA AND CONNECTION WITH THE SURROUNDING COUNTRIES
by Tatjana Simić, Ivan Ristić & Tatjana Mikić
- 1577** RAILWAY CORRIDORS IN CITIES AS A FACTOR OF URBAN DEVELOPMENT
by Željka Jurković, Danijela Lovoković & Ivan Cingel
- 1719** LJUBLJANA RAILWAY STATION UPGRADE
by Luka Šošo, Jure Raspor & Stipe Šošo
- 1728** RAILWAY CROSSINGS - SOME EXPERIENCES FROM THE PRACTICE OF RECONSTRUCTED CROSSINGS
by Stjepan Kralj, Frane Burazer Iličić & Mario Kralj

B8: Transportation structures design and (re)construction

- 1549** MONITORING OF MARINE ENVIRONMENT DURING BRIDGE CONSTRUCTION – PELJEŠAC BRIDGE CASE STUDY
by Tomi Haramina, Tajana Uzelac Obradović, Katja Franc & Sven Jambrušić
- 1679** CASE STUDY: TOP-DOWN CONSTRUCTION OF ROAD OVER BRIDGE ACROSS A RAILWAY TRACK CROSSING LOCATED IN A DEEP-CUT GROUND PROFILE
by Shahrukh Ahmed, Dileepan Ulaganathan & Vasanth Kumar Samyayya
- 1676** RAIL STRUCTURE INTERACTION ANALYSIS FOR BRIDGE ACROSS RIVER VATRAK IN THE STATE OF GUJRAT, INDIA
by Jithin C, Vasanth Kumar Samyayya & Subir Das
- 1657** COMPOSITE BRIDGE DECK SLAB CRACK DESIGN FOR ERECTION WITH PRECAST OMNIA PLATES
by Anđelko Vlašić, Nijaz Mujkanović, Mladen Srbić & Marija Kušter Marić
- 1725** REHABILITATION OF THE ROAD - INSTALLATION OF THE BAILEY MILITARY LAUNCH BRIDGE
by Tihomir Tandarić, Matej Tadić & Vesna Dragčević
- 1739** CATHODIC PROTECTION OF PELJEŠAC BRIDGE REINFORCEMENT – DEEP ANALYSIS OF THE SYSTEM
by Krešimir Kekez, Dražen Pažameta & Goran Pavliša

8C: PhD Session (miscellaneous)

- 1732** LIFE CYCLE SUSTAINABILITY ASSESSMENT OF REINFORCED CONCRETE BRIDGES
by Ivana Milić & Jelena Bleiziffer
- 1743** REFINING FINITE ELEMENT MODEL OF CONCRETE VIADUCT WITH ERROR-DOMAIN MODEL FALSIFICATION TECHNIQUE USING VIBRATION AND STRAIN DATA
by Doron Hekić
- 1727** DESIGNING ELDER-FRIENDLY PUBLIC TRANSPORT SYSTEMS: A CASE STUDY AT AIA RAILWAY AND METRO STATION
by Maria Giannoulaki & Zoi Christoforou
- 1734** QUIET RAILS: NOISE MITIGATION ON POLISH RAILWAYS
by Marcin Wrótny & Janusz Bohatkiewicz
- 1735** OPTIMISING SIGNALISED INTERSECTION-ROUNDBOUT DISTANCE: INSIGHTS FROM MICROSIMULATION ANALYSIS
by Mirna Klobučar, Aleksandra Deluka-Tibljaš & Sanja Šurdonja
- 1742** EVALUATION OF RAIL IRREGULARITIES BY PROCESSING TRAMWAY VEHICLE BOGIE ACCELERATION DATA
by Krešimir Burnać
- 1566** THE ROAD SAFETY INSPECTION PROCESS AND ITS INFLUENCE ON ROAD SAFETY
by Bogdan Nicusor Ferariu & Flavius Paval