

# RelStat

RELIABILITY and STATISTICS in TRANSPORTATION and COMMUNICATION

## AGENDA 2024

### Human Sustainability and Resilience in the Digital Age: Using Tech Innovation and Smart Algorithms

#### KEYNOTE SPEAKERS



**PROF. ANDRES MONZON**

Civil Eng.-Dept. Transport Engineering, Urban and Regional Planning; TRANSyT-Transport Research Center, Madrid Technical University  
SPAIN

**Role of Real-Time Information for Sustainable Transport Choices**



**PROF. CRISTINA PRONELLO**

Politecnico di Torino, Interuniversity Department of Regional and Urban Studies & Planning; Coordinator of the TRIS (Transport Research for Innovation & Sustainability) Research Group; Founder & CEO of MOBYFORALL, Politecnico di Torino Spin-Off  
ITALY

**Policies to Meet the Needs of Workers Following the Digitalisation and Automation of Transport**



**PROF. GUIDO GENTILE**

Transportation Engineering at DICEA - Sapienza University of Rome; Transport Modeling and Planning  
ITALY

**Algorithms in Traffic Assignment and Fixed Point Problems**



**PROF. EFTIHIA NATHANAIL**

Transportation Systems Design and Evaluation, Founder and Director of the Traffic, Transportation and Logistics Laboratory (TTLog), Rector of the School of Engineering of the University of Thessaly  
GREECE

**Big Data: The Emerging Asset for Sustainable Transportation Planning and Mobility Management**



# RelStat

RELIABILITY and STATISTICS in TRANSPORTATION and COMMUNICATION

## 26/09/2024

**9:00-10:00 Registration Open (Aud. 130)**

**10:00-12:30 Opening Ceremony and Plenary (Aud.130)**

**12:30-13:30 Lunch (Aud. 221)**

### PARALLEL SESSIONS

TIME	AUD.130	AUD. I	AUD. III	AUD. 903
<b>13:30-15:30</b>	<b><u>Session 1</u></b> Resilient Transport Systems: Adapting to Changing Environments	<b><u>Session 2</u></b> Transport Technologies	<b><u>Session 3</u></b> Modeling and Prediction Using Machine Learning	<b><u>Session 10</u></b> The EU Green Deal: Transport and Infrastructure

**15:30-16:00 Break and Poster Session (Aud. 130)**

### PARALLEL SESSIONS

TIME	AUD.130	AUD. I	AUD. III	AUD. 903
<b>16:00-18:00</b>	<b><u>Session 1</u></b> Resilient Transport Systems: Adapting to Changing Environments	<b><u>Session 9</u></b> Aviation	<b><u>Session 5</u></b> Sustainable Logistics and Supply Chain Management	<b><u>Session 10</u></b> The EU Green Deal: Transport and Infrastructure

**18:30 Riga Walking Tour**



# RelStat

RELIABILITY and STATISTICS in TRANSPORTATION and COMMUNICATION

## 27/09/2024

### PARALLEL SESSIONS

TIME	AUD. 130	AUD. 220	AUD. 710	AUD. 703
9:00-12:00	<u>Session 4</u> Digital Economy and Business	<u>Session 7</u> Modern Trends in Higher Education & Research	<u>Session 8</u> Smart City	<u>Session 6</u> Telematics
12:00-13:00 Lunch (Aud. 221)				
13:00-14:30	<u>Tutorials (Aud. 130)</u>			
14:30-14:45 <u>Closing Ceremony (Aud. 130)</u>				
15:00-16:00	Plenary devoted to the 25th anniversary of TSI (Aud. I, II, III)			
16:00-16:30 Excursion to TSI Laboratories (optional)				
16:00-21:00	Festive Events and Gala Dinner at TSI			

## 28/09/2024

9:00-16:00 Sigulda Bus Tour (optional)

## THURSDAY, SEPTEMBER 26 PLENARY (AUD.130)

Moderator

TSI Chairwoman of the Board, Prof. Irina Yatskiv (Latvia)

10:00-10:10	Welcome	PhD.sc.pol. Juris Kanels, TSI Rector
10:10-12:30	<b>ROLE OF REAL-TIME INFORMATION FOR SUSTAINABLE TRANSPORT CHOICES</b>	<b>Prof. Andres Monzon</b> Civil Eng.-Dept. Transport Engineering, Urban and Regional Planning; TRANSyT-Transport Research Center, Madrid Technical University; Director of MoviTUR- UPM Cluster Mobility of the Future; European University EELISA – Coordinator Transport and Urban Mobility; Academic Vice-Chairman of ERTRAC", Spain
	<b>Policies to Meet the Needs of Workers Following the Digitalisation and Automation of Transport</b>	<b>Prof. Cristina Pronello</b> Politecnico di Torino, Interuniversity Department of Regional and Urban Studies and Planning; Coordinator of the TRIS (Transport Research for Innovation and Sustainability) Research Group; Founder and CEO of MOBYFORALL, Politecnico di Torino Spin-Off, Italy
	<b>Algorithms in Traffic Assignment and Fixed Point Problems</b>	<b>Prof. Guido Gentile</b> Transportation Engineering at DICEA - Sapienza University of Rome; Transport Modeling and Planning; Founder and Director of Research & Innovation in SISTeMA, PTV Group and Sapienza Spin-Off, Italy
	<b>Big Data: The Emerging Asset for Sustainable Transportation Planning and Mobility Management</b>	<b>Prof. Eftihia Nathanail</b> Transportation Systems Design and Evaluation, Founder and Director of the Traffic, Transportation and Logistics Laboratory (TTLog) and Rector of the School of Engineering of the University of Thessaly, Greece
12:30-13:30	Lunch	
13:30-18:00	Parallel Sessions	

Time	<u>Session 1</u>	<u>Session 2</u>
13:30-15:30	<p><b>RESILIENT TRANSPORT SYSTEMS: ADAPTING TO CHANGING ENVIRONMENTS</b>  <b>Moderators:</b>            Prof. Eftihia Nathanail (Greece)            Prof. Daniela Cristina Momete (Romania)</p>	<p><b>TRANSPORT TECHNOLOGIES</b>  <b>Moderators:</b>            Prof. Igor Kabashkin (Latvia)            Assoc.Prof. Mykola Karpenko (Lithuania)</p>
	<p><b>TRANSPORT MODELLING FOR MEGA-PROJECTS: AN APPLICATION ON FUTURISTIC, CARBON EMISSION FREE, SUSTAINABLE, 5-MINUTE LINEAR MEGACITY -</b>            Syed Hamza Ali Shah, Azam Ali, Guido Gentile (Italy)</p>	<p><b>RESEARCH OF THE TIRE INFLATION PRESSURE INFLUENCE ON ROAD TRAFFIC SAFETY -</b>            Mykola Karpenko, Olegas Prentkovskis, Paulius Skačkauskas (Lithuania)</p>
	<p><b>DETERMINING THE SIGNIFICANCE OF CRITERIA QUALITY OF PASSENGERS RAILWAY TRACTION USING EXPERT EVALUATION METHODS -</b>            Laurynas Meilus, Lijana Maskeliūnaitė and Henrikas Sivilevičius (Lithuania)</p>	<p><b>REDUCTION OF LOW AND HIGH FREQUENCY NOISE IN MACHINES HYDROSTATIC SYSTEMS -</b>            Michał Stosiak, Mykola Karpenko, Krzysztof Towarnicki and Paulius Skačkauskas (Poland)</p>
	<p><b>QUEUE MANAGEMENT WHEN SIMPLE BUS LANES CANNOT BE USED -</b>            Lechosław Grochowski, Jacek Bartusiak and Anton Pashkevich (Poland)</p>	<p><b>NFT-BASED LIFE CYCLE MANAGEMENT FOR BATTERIES OF E-CARS -</b>            Gunnar Prause, Laima Gerlitz (Estonia, Germany)</p>
	<p><b>A MODULAR SIMULATION TESTBED FOR LOGISTICS AND URBAN PLANNING IN TOURISM-</b>            Vasu Dev Mukku, Richard Reider, Tobias Reggelin, Marcel Müller, Fred Baris Ernst and Sebastian Lang (Germany, Turkey)</p>	<p><b>HYPERLOOP ROUTES OPTIMIZATION CONSIDERING BARREN SOIL USING OPERATION RESEARCH, CASE OF LATVIA -</b>            Aleksejs Vesjolijs (Latvia)</p>
	<p><b>MAPPING RESEARCH IN THE FIELD OF LOW CARBON ELECTRICAL ENERGY. A BIBLIOMETRIC ANALYSIS -</b>            Daniela Cristina Momete (Romania)</p>	<p><b>EXPERIMENTAL ANALYSIS OF STABILITY MECHANISM OF LASER WIRE BASED 3D PRINTING WITH 316LSI STEEL -</b>            Arsenii Kisarev, Adham Elmenshawy (Latvia)</p>
	<p><b>AUTONOMOUS VEHICLES AND ROAD SAFETY: A BIBLIOMETRIC ANALYSIS -</b>            Apostolos Anagnostopoulos, Fotini Kehagia (Greece)</p>	<p><b>A METHOD FOR DETECTING THE BEAD GEOMETRY OF THIN-WALL STRUCTURAL AVIATION COMPONENTS IN WIRE ARC ADDITIVE MANUFACTURING (WAAM) -</b>            Rostislavs Palivoda (Latvia)</p>
		<p><b>TOWARD A RELIABLE AND RESILIENT ALGORITHM FOR TRACK ACCESS CHARGE CALCULATION IN THE SINGLE EUROPEAN RAILWAY AREA -</b>            Peyman Asmari, Vladimir Malčić, Branislav Bošković, Mirjana Bugarinović and Stefano Ricci (Italy, Bosnia and Herzegovina, Serbia)</p>

Time	Session 3	Session 10
13:30-15:30	<p><b>MODELING AND PREDICTION USING MACHINE LEARNING</b>  <b>Moderators:</b>            Prof. Dmitry Pavlyuk (Latvia)            Assoc.Prof. Nadezda Spiridovska (Latvia)</p>	<p><b>THE EU GREEN DEAL: TRANSPORT AND INFRASTRUCTURE</b>  <b>Moderators:</b>            PhD. Aleksandrs Kotlars (Latvia)            Prof. Valerijs Skribans (Latvia)</p>
	<p><b>BOOSTING ALGORITHM TECHNIQUES FOR DETECTING CREDIT CARD FRAUD IN HETEROGENEOUS DATASETS -</b>            Justs Viduss and Nadezda Spiridovska (Latvia)</p>	<p><b>INNOVATIVE FINANCING STRATEGIES FOR LOCAL PUBLIC TRANSPORT: INSIGHTS FROM THE ITALIAN CONTEXT -</b>            Tiziano Pavanini (Italy) </p>
	<p><b>BALANCING SEA AND LAND REPOSITIONING FOR EMPTY CONTAINER LOGISTICS -</b>            Ksenija Lohina and Dmitry Pavlyuk (Latvia)</p>	<p><b>EUROPEAN INTRA-CONTINENTAL FREIGHT DECARBONISATION UTILIZING COMBINED RAIL TRANSPORT SOLUTIONS -</b>            Ilja Gorbunov (Netherlands) </p>
	<p><b>COMPARATIVE ANALYSIS OF MACHINE LEARNING MODELS FOR ANOMALY DETECTION IN LOAN DATA QUALITY -</b>            Daniel Mitrofanovs and Yelena Popova (Latvia)</p>	<p><b>ANALYSIS OF THE WOODEN PUBLIC BUILDINGS CONSTRUCTION DEVELOPMENT IN LITHUANIA -</b>            Jurga Naimaviciene, Laura Tupenaite, Loretta Kanapeckiene (Lithuania) </p>
	<p><b>THE CHOICE MODELLING OF MARKET STRATEGY WITH THE FOCUS ON LOGISTICS SUSTAINABLE DEVELOPMENT GOALS USING MACHINE LEARNING APPROACH -</b>            Harald Kitzmann, Anna Strimovskaya, Galina Sinko and Elena Tsyplakova (Estonia, Russia)</p>	<p><b>GREEN TRANSITION IN EUROPEAN PORTS: PERFORMANCE ANALYSIS -</b>            Susanna Traversa, Enrico Ivaldi (Italy)</p>
	<p><b>MOBILITY IN TBILISI SUPERBLOCKS CONCEPTUAL ALGORITHMS -</b>            Nino Chachava, Malkhaz Lekveishvili, Nikoloz Lekveishvili, Giorgi Sulashvili (Georgia)</p>	<p><b>MODEL OF LOGISTICS SERVICE PROVIDERS TRANSITION TO "GREEN" SERVICES -</b>            Aleksandrs Kotlars, Valerijs Skribans (Latvia)</p>
	<p><b>THE IMPACT OF ARTIFICIAL INTELLIGENCE IN ITALIAN SMALL AND MEDIUM-SIZED BUSINESSES</b>            Alba Maria Gallo, Eveny Ciurleo and Ubaldo Comite (Italy) </p>	<p><b>ENERGY EFFICIENCY OF URBAN TRANSPORT SYSTEMS USING INNOVATIVE THERMAL INSULATION COATINGS -</b>            Indira Tashmukhanbetova, Dinarr Adilova (Kazakhstan) </p>

15:30-16:00

Break and Poster Session (Aud.130)

Time	<u>Session 1</u>	<u>Session 9</u>
16:00-18:00	<p><b>RESILIENT TRANSPORT SYSTEMS: ADAPTING TO CHANGING ENVIRONMENTS</b></p> <p><b>Moderators:</b>            Prof. Aidas Vasilis Vasiliauskas (Lithuania)            Assoc.Prof. Evelina Budilovica (Latvia)</p>	<p><b>AVIATION</b></p> <p><b>Moderators:</b>            Prof. Igor Kabashkin (Latvia)            Assoc.Prof. Iyad Alomar (Latvia)</p>
	<p><b>ASSESSMENT OF THE RISKS OF STORAGE AND TRANSPORTATION OF HAZARDOUS SUBSTANCES IN THE LITHUANIAN ARMY -</b>            Ieva Meidutė-Kavaliauskienė, Renata Činčikaitė and Žilvinas Putna (Lithuania)</p>	<p><b>IDENTIFYING SOCIAL VALUES AND FUTURE TRENDS IN VALUE PROPOSITION IN THE AVIATION INDUSTRY -</b>            Olga Zervina and Yulia Stukalina (Latvia)</p>
	<p><b>OVERVIEW OF THEORIES AND CONCEPTS OF RISK MANAGEMENT IN MILITARY SUPPLY SYSTEMS -</b>            Aidas Vasilis Vasiliauskas, Deimantas Pleskys, Olga Navickienė (Lithuania)</p>	<p><b>THE DECISION-MAKING FRAMEWORK FOR MASTERING THE MAINTENANCE OF AIRCRAFT COMPONENTS -</b>            Vitalii Susanin (Latvia) <span style="color: red; font-weight: bold;">ONLINE ●</span></p>
	<p><b>AN OVERVIEW OF LAST-MILE DELIVERY ORGANIZATION INNOVATIONS -</b>            Aidas Vasilis Vasiliauskas, Olga Navickienė (Lithuania)</p>	<p><b>THE EU SENSE SYSTEM AS A TOOL TO SUPPORT AIRPORT SECURITY -</b>            Małgorzata Gawlik-Kobylińska, Grzegorz Gudzbeler and Mariusz Urban (Poland) <span style="color: red; font-weight: bold;">ONLINE ●</span></p>
	<p><b>RESEARCH OF THE PROBLEM OF INTEGRATION OF THE RAILWAY INFRASTRUCTURE OF UKRAINE TO EU STANDARDS -</b>            Pavlo Holoborodko and Darius Bazaras (Lithuania)</p>	<p><b>EVALUATING THE TRANSITION FROM TRADITIONAL TO PLATFORM-BASED MRO BUSINESS MODEL IN THE AVIATION INDUSTRY -</b>            Vladimir Perekrestov and Roman Fedorov (Cyprus, United Arab Emirates) <span style="color: red; font-weight: bold;">ONLINE ●</span></p>
	<p><b>ANALYSIS OF STORAGE OF HAZARDOUS MATERIALS IN MILITARY SYSTEMS -</b>            Ieva Meidutė-Kavaliauskienė and Renata Činčikaitė (Lithuania)</p>	
	<p><b>AI IN MOBILITY SUPPORT MANAGEMENT IN HYBRID WARFARE -</b>            Jaroslav Kompan, Michal Hrnčiar and Daniel Brezina (Slovakia) <span style="color: red; font-weight: bold;">ONLINE ●</span></p>	

18:30

Riga Walking Tour

Time	<u>Session 5</u>	<u>Session 10</u>
16:00-18:00	<p><b>SUSTAINABLE LOGISTICS AND SUPPLY CHAIN MANAGEMENT</b>  <b>Moderators:</b>                      Prof. Gunnar Prause (Estonia)                      Assoc.Prof. Genadijs Gromovs (Latvia)</p>	<p><b>THE EU GREEN DEAL: TRANSPORT AND INFRASTRUCTURE</b>  <b>Moderators:</b>                      PhD. Aleksandrs Kotlars (Latvia)                      Prof. Valerijs Skribans (Latvia)</p>
	<p><b>MARITIME SUPPLY AND THE OPTIMAL MARITIME OPERATIONS -</b>                      Sina Atari, Wolfgang Gerstlberger and Gunnar Prause (Estonia)</p>	<p><b>ROLE OF ELECTRICITY CONSUMERS IN MULTI-UNIT RESIDENTIAL BUILDINGS WITHIN THE FRAMEWORK OF ENERGY COMMUNITIES -</b>                      Martins Auders, Ineta Geipele, Sanda Lapuke (Latvia)</p>
	<p><b>EFFICIENCY OF THE MIDDLE CORRIDOR: ANALYSIS BASED ON EMPIRICAL EVIDENCE FROM GEORGIA’S TRANSPORT SECTOR -</b>                      Anatoli Beifert, Tornike Jintchveleishvili and Vazha Gvarjaladze (Germany, Georgia)</p>	<p><b>BEYOND E-MOBILITY: HYDROGEN AND FUEL CELL SOLUTIONS IN URBAN TRANSPORTATION -</b>                      Leo Jansons, Sanda Lapuke, Ilmars Bode (Latvia)</p>
	<p><b>INTEGRATING THE SUSTAINABLE DEVELOPMENT GOALS INTO CORPORATE REPORTING -</b>                      Irina Kuzmina-Merlino (Latvia)</p>	<p><b>INVESTIGATION OF FOAMED POLYISOCYANURATE (PIR) MATERIALS -</b>                      Dinarr Adilova, Ainur Tukhtamishva, Raimondas Bliūdžius (Lithuania, Kazakhstan) <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">ONLINE ●</span></p>
	<p><b>INCREASING THE ACCURACY OF LOGISTICS CYCLE TIME ESTIMATES BASED ON THE IT CONCEPT -</b>                      Valery Lukinskiy, Vladislav Lukinskiy, Gulnara Sadykova, Darya Bazhina, Ainur Abzhapbarova and Ekaterina Gazizova (Russia, Kazakhstan) <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">ONLINE ●</span></p>	<p><b>ECONOMIC ANALYSIS OF LAST MILE DELIVERS TRANSPORT LIFE-CYCLE IN EU -</b>                      Iveta Pukite, Valerijs Skribans, Sanda Lapuke (Latvia)</p>
	<p><b>CHARTING A COURSE FOR SUSTAINABLE PORT OPERATIONS: INSIGHTS ON AMMONIA BUNKERING -</b>                      Georgi Hrenov, Karin Reinhold, Marina Järvis and Gunnar Prause (Estonia) POSTER</p>	<p><b>TRANSPORTATION EFFICIENCY IN LATVIA IN THE CONTEXT OF ECONOMIC PRODUCTIVITY AND ENVIRONMENTAL SUSTAINABILITY -</b>                      Zane Zeibote, Jānis Balodis, Anita Kokarēviča, Jānis Kudiņš, Edmunds Čižo (Latvia)</p>

18:30

Riga Walking Tour



Time	<u>Session 4</u>	<u>Session 7</u>
9:00-12:00	<p align="center"><b>DIGITAL ECONOMY AND BUSINESS</b></p> <p align="center"><b>Moderators:</b>            Prof. Svetlana Saksonova (Latvia)            Prof. Irina Kuzmina-Merlino(Latvia)</p>	<p align="center"><b>MODERN TRENDS IN HIGHER EDUCATION &amp; RESEARCH</b></p> <p align="center"><b>Moderators:</b>            Prof. Boriss Misnevs (Latvia)            Prof. Emmanuel Merchan (Latvia)</p>
	<p><b>CHANGES IN WORK ORGANISATION AFTER THE COVID-19 PANDEMIC IN COMPANIES IN LATVIA -</b>            Barba Lielbārde, Salvis Lielbārdis, Anda Batraga and Jeļena Šalkovska (Latvia)</p>	<p><b>THE ROLE OF THE EDUCATIONAL STAFF IN THE RECIPROCAL DIGITALIZATION PROCESS OF TASKS, COMPETENCIES AND TECHNOLOGY -</b>            Harald Kitzmann, Olena Stovpak (Estonia)</p>
	<p><b>THE POWER OF CUSTOMER JOURNEY MAPPING WITH ARTIFICIAL INTELLIGENCE -</b>            Ioseb Gabelaia, Kakhaber Djakeli and Jeffery McElroy (USA, Georgia)</p>	<p><b>IMPLEMENTATION OF STUDENT-CENTERED LEARNING: THE CASE OF KAUNAS UNIVERSITY OF APPLIED ENGINEERING SCIENCES -</b>            Giedrė Adomavičienė and Judita Štreimikienė (Lithuania)</p>
	<p><b>CORPORATE SLAVERY: AN INVESTIGATION OF POWER DYNAMICS AND WELL-BEING IN CONTEMPORARY CORPORATE STRUCTURES -</b>            Ioseb Gabelaia, Ramunė Bagočiūnaitė and Viktorija Navickienė (Lithuania, Georgia)</p>	<p><b>DIGITAL COMMUNICATIONS IN DISTANCE LEARNING: IMPLEMENTATION PRACTICES -</b>            Aliaksandr Puptsau, Ryhor Miniankou (Lithuania)</p>
	<p><b>DIGITAL TRANSFORMATION AND QUALITY OF INSTITUTIONS IN SUB-SAHARAN AFRICA -</b>            Etian Boress Kemgou Voptia, Yulia Stukalina (Latvia)</p>	<p><b>INTEGRATING AI AND CLASSICAL LEARNING IN HIGHER EDUCATION: A REVIEW OF STRATEGIES FOR LONG-TERM KNOWLEDGE RETENTION -</b>            Boriss Misnevs, Igor Kabashkin and Olga Zervina (Latvia)</p>
	<p><b>LEARNING CULTURE, ORGANISATIONAL STRATEGY AND LEARNING PRACTICE IN COMPANIES IN LATVIA</b>            Anda Batraga, Jelena Salkovska, Maija Dobele (Latvia)</p>	<p><b>AI-DRIVEN AND ONTOLOGY-BASED FRAMEWORK FOR PERSONALIZED LEARNING PATHWAYS IN EDUCATION -</b>            Igor Kabashkin, Boriss Misnevs and Olga Zervina (Latvia)</p>
	<p><b>THE IMPACT OF DIGITAL TECHNOLOGIES ON AGRICULTURAL PRODUCTIVITY: ANALYSIS OF CURRENT TRENDS -</b>            Marufjon Orzikulov and Ferangiz Abdurakhmonova (Latvia)</p>	<p><b>SOLVING TEXTBOOK PROBLEMS IN LOGISTICS WITH POPULAR GENERATIVE AI: IMPLICATIONS FOR ASSESSMENT IN HIGHER EDUCATION -</b>            Berdymyrat Ovezmyradov and Gennady Gromov (Latvia)</p>
	<p><b>ASSESSMENT OF FINANCIAL LITERACY OF YOUNG PEOPLE IN LATVIA -</b>            Svetlana Saksonova and Liāna Rožina(Latvia)</p>	<p><b>THE RELEVANCE OF SUSTAINABLE EDUCATION IN PROJECT-BASED LEARNING THROUGH TECHNOLOGY INTEGRATION IN EFL CLASSROOM</b>            Ioseb Gabelaia, Tamari Dolidze and Natia Vasadze (Georgia)</p>





Time	<u>Session 4</u>	<u>Session 7</u>
9:00-12:00	<b>ANALYSIS OF MACROECONOMIC FACTORS THAT IMPACT CORPORATE LENDING IN LATVIA -</b> Svetlana Saksonova and Ieva Pivaroviča (Latvia)	<b>EXAMINING THE EFFECTIVENESS OF ACADEMIC TITLE VERIFICATION: A CASE STUDY -</b> Ioannis Panges, Vasiliki Liagkou, Yannis Stamatiou and Chrysostomos Stylios (Greece) <b>ONLINE</b>
	<b>BUILDING A BANKRUPTCY PREDICTION MODEL FOR CHEMICAL INDUSTRY COMPANIES -</b> Maria Koval, Neli Abramishvili, Nadezhda Lvova and Alexander Kazansky (Russia)	
	<b>FACTORS OF INFLUENCE ON PRICING OF IT PROJECTS</b> Konstantīns Dinārs, Inna Stecenko and Boriss Misnevs (Latvia) <b>ONLINE</b>	
	<b>COOPETITIVE BRAND GOVERNANCE IN CORPORATE UMBRELLA SPORTS CLUBS: ENHANCING FAN ENGAGEMENT AND GLOCAL MARKET PENETRATION</b> Daniil Kulikov, Irina Kuzmina-Merlino and Guillaume Bodet (Latvia, France)	
12:00-13:00	Lunch (Aud. 221)	

Time	<u>Session 8</u>	<u>Session 6</u>
9:00-12:00	<p><b>SMART CITY</b>  <b>Moderators:</b>            Prof. Mihails Savrasovs (Latvia)            Prof. Michał Stosiak (Poland)</p>	<p><b>TELEMATICS</b>  <b>Moderators:</b>            Prof. Alexander Grakovski (Latvia)            Assoc.Prof. Mykola Karpenko (Lithuania)</p>
	<p><b>GREEN AND GUERILLA MARKETING IN PUBLIC TRANSPORT -</b>            Aldona Jarašūnienė, Margarita Išoraitė and Rytis Engelaitis (Lithuania) <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">ONLINE ●</span></p>	<p><b>EVALUATION OF SOLAR POWER PLANT'S ENERGY EFFICIENCY -</b>            Darius Juodvalkis and Marius Mazeika (Lithuania)</p>
	<p><b>PUBLIC TRANSPORT ACCESSIBILITY THROUGH GRAVITY MODELS BASED ON OPEN DATA -</b>            Shabnam Dabagh, Lory Michelle Bresciani Miristice and Guido Gentile (Italy)</p>	<p><b>RECONSTRUCTION THE SHAPE OF THE SPECTRUM OF INCIDENT RADIATION FROM INTEGRAL SENSORS DATA IN RGB RANGE: POSSIBILITY ESTIMATION AND UNCERTAINTY REDUCTION -</b>            Alexander Grakovski and Igor Radchenko (Latvia)</p>
	<p><b>URBAN GOVERNANCE AND CITIZEN SATISFACTION – THE GROWING ROLE OF IOT -</b>            Laura Minskere, Diana Kalnina, Jelena Salkovska and Anda Batraga (Latvia)</p>	<p><b>USING THE NTP PROTOCOL TO SYNCHRONIZE GAS PIPELINE CATHODIC PROTECTION STATIONS -</b>            Oleg Bobrovich, Alexander Krainyukov (Latvia)</p>
	<p><b>INCLUSIVENET: GRAPH-BASED ADAPTIVE RECOMMENDATION SYSTEM FOR ESPECIALLY VULNERABLE ROAD USERS -</b>            Francesco Maria Turno, Irina Yatskiv (Latvia)</p>	<p><b>PRESERVING VOICE MESSAGE INTEGRITY: STRATEGIES AGAINST AI CLONING -</b>            Sofia Sakka, Vasiliki Liagkou and Chrysostomos Stylios (Greece) <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">ONLINE ●</span></p>
	<p><b>COST OF CARRYING INVENTORY AND ENVIRONMENTAL SUSTAINABILITY OF AIR CARGO</b>            Berdymyrat Ovezmyradov, Arturs Saveljevs and Inna Stecenko (Latvia)</p>	
	<p><b>FACTORS AFFECTING THE LEVELS OF DIGITAL WASTE: ANALYSIS OF TAIWAN AND LATVIA -</b>            Inna Stecenko, Tien Han Kuang (Latvia, Taiwan) <span style="border: 1px solid red; border-radius: 50%; padding: 2px;">ONLINE ●</span></p>	
12:00-13:00	Lunch (Aud. 221)	

12:00-13:00	Lunch (Aud. 221)	
<b><u>TUTORIALS (Aud.130).</u></b>		
13:00-14:30	<b>THE CORRECT INGREDIENTS FOR A SUCCESSFUL AIRCRAFT -</b> Ross McKeand, Senior Vice President, Nordic Aviation Capital	<b>RESPONSIBLE AI IN SCIENCE AT TSI -</b> Dmitry Pavlyuk, TSI Professor, Dr.Sc.Ing., Leader of DA&AI Cluster
14:30-14:45	<b><u>Closing Ceremony (Aud. 130).</u></b>	
15:00-16:00	<b>Plenary devoted to the 25th Anniversary of TSI (Aud. I, II, III)</b>	
16:00-16:30	Excursions to TSI Laboratories (Optional)	
16:00-21:00	<b>Festive Events and Gala Dinner at TSI</b>	

## SATURDAY , SEPTEMBER 28

9:00-16:00	Sigulda Bus Tour (Optional)
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