TSI

TRANSPORT AND TELECOMMUNICATION INSTITUTE

16-18 OCTOBER

9:00 - 18:00

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RELIABILITY AND STATISTICS IN TRANSPORTATION AND COMMUNICATION

AGENDA 2025

Reliability and Statistics in Transportation and Communication: Ecosystems for Smart Connectivity and Intelligent Mobility

KEYNOTE SPEAKERS

PhD DOMOKOS ESZTERGÁR-KISS

Senior Research Fellow at Budapest University of Technology and Economics (BME)

The International Project Coordinator of the Faculty of Transportation Engineering and Vehicle Engineering

Emerging Trends and Practical Solutions in the Field of Mobility-as-a-Service

PhD VASSILIOS KAPPATOS

Head of Constructural and Infrastructure Research in Maritime and Air Transport Lab at Hellenic Institute of Transport (HIT)

Member of the board of Center for Research and Technology Hellas (CERTH)

Visiting Fellow at School of Aerospace, Transport and Manufacturing, Cranfield University, UK

Member of oN DuTy program supported by the Collaborative Research and Training Experience (CREATE) of the National Sciences and Engineering Research Council of Canada (NSERC) and idustrial partners

Enhancing Transport Safety: The Role of Predictive Maintenance in Infrastructure and Operations

JANIS BARBARS

Head of Research and Development Department at Road Competence Centre

Latvian Representative in FEHRL

Augmented CCAM. Digital World for Driving Safety and Comfort

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RELIABILITY AND STATISTICS IN TRANSPORTATION AND COMMUNICATION

16/10/2025

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

10:00–12:00   Opening and Plenary Session (Aud.130)

12:00–13:00   Lunch (Aud. 221)

PARALLEL SESSIONS

TIME	AUD.130	ROOM 222	ROOM 220
13:00-15:00	Session 1 Smart Data Modelling & Artificial Intelligence	Session 2 Smart Cities, Urban Safety & Public Services	Session 3 Green Logistics & Resilient Supply Chains

15:00-15:30   Break

PARALLEL SESSIONS

TIME	AUD.130	ROOM 222	ROOM 220
15:30-17:30	Session 1 Smart Data Modelling & Artificial Intelligence	Session 4 Smart & Sustainable Transport Systems	Session 5 Aviation Innovation & Safety Culture

18:30 Conference Dinner (Restaurant LIDO)

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RELIABILITY AND STATISTICS IN TRANSPORTATION AND COMMUNICATION

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PARALLEL SESSIONS

TIME	AUD.130	ROOM 222	ROOM 220
10:00-12:30	Special Session Women in Transport	Session 6 Digital Economy, Finance & Corporate Transformation	Session 7 Learning, Skills & Human-Machine Partnership
	12:30-13:30 Lunch (Aud. 221)		
13:30-16:30	Special Session Women in Transport	Session 6 Digital Economy, Finance & Corporate Transformation	Session 7 Learning, Skills & Human-Machine Partnership

16:30-16:45   Closure of the Conference (Aud. 130)

17:30 – 19:30   Old Riga Town (Guided Walking Tour)

October 18, Saturtday, 10:00-16:00 (optional)

Social Program
Guided bus tour to Rundale Palace

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THURSDAY, OCTOBER 16 **PLENARY SESSION (AUD.130)** Online - https://meetings.tsi.lv/b/jel-9xg-7tu-c5b		
Moderator	**TSI Chairwoman of the Board, Prof. Irina Yatskiv (Latvia)**	
10:00-10:10	Welcome	**Prof. Dmitry Pavlyuk,** **Vice-Rector for Research and Innovation, TSI (Latvia)**
10:10-12:00	**Emerging Trends and Practical Solutions in the Field of Mobility-As-A-Service**	**Dr. Domokos Esztergár-Kiss** Senior Research Fellow at Budapest University of Technology and Economics (BME) and the International Project Coordinator of the Faculty of Transportation Engineering and Vehicle Engineering, Hungary
	Enhancing Transport Safety: The Role of Predictive Maintenance in Infrastructure and Operations	**Dr. Vassilios Kappatos** Head of Constructural and Infrastructure Research in Maritime and Air Transport Lab, Hellenic Institute of Transport (HIT), Center for Research and Technology Hellas (CERTH); Member of the board of CERTH; Visiting Fellow, School of Aerospace, Transport and Manufacturing, Cranfield University, UK; Member of oN DuTy program supported by the Collaborative Research and Training Experience (CREATE) of the National Sciences and Engineering Research Council of Canada (NSERC) and industrial partners, Greece
	Augmented CCAM. Digital World for Driving Safety and Comfort	**Janis Barbars** Head of Research and Development Department at Road Competence Centre, Latvian Representative in FEHRL, Latvia
12:00-13:00	Lunch	
13:00-17:30	Parallel Sessions	

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Session 1 (Aud. 130)
Online - https://meetings.tsi.lv/b/jel-hkt-p9e-qld

SMART DATA MODELLING & ARTIFICIAL INTELLIGENCE

Moderators	Prof. Emmanuel Merchán-Cruz (Latvia) & Prof. Dmitry Pavlyuk (Latvia)
	TRUCK SERVICE OPTIMISATION IN PORT AREAS BY COMPARING GENETIC ALGORITHM AND CUCKOO SEARCH ALGORITHM Vassilios Kappatos, Evangelos D. Spyrou, Aggelos Aggelakakis and Maria Boile (Greece)
	ENHANCING MODE-CHOICE MODELS WITH CONFORMAL PREDICTION: UNCERTAINTY QUANTIFICATION AND DECISION SUPPORT USING TREE-BASED MACHINE LEARNING Ramin Bohlouli, Ken Koshy Varghese, Guido Gentile and Mohamed Eldafrawi (Italy) (ONLINE ●)
	IMPACT OF INPUT SEQUENCES & HORIZONS IN TRAFFIC FLOW FORECASTING LEVERAGING REAL DATA Julen Macía, Iñaki Cejudo, Andrés Rodríguez, Maira Milena Delgado-Lindeman, Jose Luis Moura, Harbil Arregui and Eider Irigoyen (Spain)
13:00-15:00	**A COMPARATIVE EVALUATION OF MULTIMODAL LARGE LANGUAGE MODELS FOR LICENSE PLATE DETECTION** Annita Ngatchou Weiss, Lars Guggolz, Tim Dahmen and Christian Koot (Germany)
	ENHANCING VIRTUAL ASSISTANTS RELIABILITY IN LOGISTICS WITH STATISTICAL TOOLS Maksim Ilin and Dmitry Pavlyuk (Latvia)
	MACHINE LEARNING-BASED PREDICTION OF SOCIAL MEDIA ENGAGEMENT FOR LEADING BALTIC HIGHER EDUCATION INSTITUTIONS Lada Širjajeva and Jekaterina Vozņuka (Latvia)
	MACHINE LEARNING FOR DATA QUALITY AND ANOMALY DETECTION IN DIGITAL CREDIT FINANCE: A SYSTEMATIC LITERATURE REVIEW Daniel Mitrofanovs and Jelena Popova (Latvia)
	REVIEW: ARTIFICIAL INTELLIGENCE TECHNIQUES FOR IDENTIFYING ANOMALIES IN NETWORK TRAFFIC Boriss Misnevs and Aleksandr Krivchenkov (Latvia)
	AN INCORPORATION OF ORIENTATION-SENSITIVE PROPERTIES INTO THE LYAPUNOV EXPONENT Athena Su Dimou and Iyad Alomar (Latvia)
15:00-15:30	Break

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THURSDAY, OCTOBER 16

| Time | Session 2 (Aud. 222)
Online - https://meetings.tsi.lv/b/jel-p6n-kgf-euk

SMART CITIES, URBAN SAFETY
& PUBLIC SERVICES
Moderators:
Prof. Olegas Prentkovskis (Lithuania)
Prof. Mihails Savrasovs (Latvia) | Session 3 (Aud. 220)
Online - https://meetings.tsi.lv/b/jel-ybh-hbu-krr

GREEN LOGISTICS & RESILIENT SUPPLY
CHAINS
Moderators:
Prof. Gunnar Prause (Estonia)
Prof. Evelina Budilovica (Latvia) |

Time	Session 2 (Aud. 222)	Session 3 (Aud. 220)
13:00-15:00	**THE IMPORTANCE OF LANDSCAPE DYNAMICS FOR THE SUSTAINABLE DEVELOPMENT OF A PORT CITY: POTI AS A CASE STUDY** Nino Chachava, Lali Gersamia and Manon Kodua (Georgia)	**EMPTY CONTAINER REPOSITIONING WITH A MODIFIED DOUBLE-THRESHOLD STRATEGY** Ksenija Lohina and Dmitry Pavlyuk (Latvia)
	A DATA-BASED APPROACH FOR AUTOMATED BUS EVALUATION - INTEGRATION OF CRITERIA-BASED LINK ASSESSMENT FOR AUTOMATED BUS APPLICATIONS IN TRANSPORT SIMULATIONS Tim Schulz, Sönke Beckmann, Hartmut Zadek (Germany)	**INTEGRATED IOT APPLICATIONS INTO SUSTAINABLE LOGISTICS AND SUPPLY CHAIN MANAGEMENT WITHIN AVIATION INDUSTRY** Abdulali Baghiyev, Jurijs Tolujevs and Evelina Budilovica (Latvia)
	TEMPORAL AND VEHICLE IMPACTS ON DELIVERY EMISSIONS IN URBAN LOGISTICS: A CASE STUDY OF ROME (ONLINE ●) Siavash Pourkhosro, Ken Koshy Varghese, Lory Michelle Bresciani Miristice and Guido Gentile (Italy)	**APPLYING THE TECHNOLOGY-ORGANIZATION-ENVIRONMENT FRAMEWORK TO HYDROGEN FUEL CELL ADOPTION IN SMALL STATES** Aleksandrs Kotlars, Justina Hudenko, Inguna Jurgelane-Kaldava, Igors Kukjans, Maris Gailis and Agnese Batenko (Latvia)
	A BIBLIOMETRIC REVIEW OF ARTIFICIAL INTELLIGENCE IN SMART TRANSPORTATION NETWORKS Gulmira Bodaubayeva, Aisulu Moldabekova and Anatoli Beifert (Kazakhstan, Germany)	**METHANOL-INSETTING: A WAY OF DECARBONIZING THE MARITIME SECTOR** Georg Finger, Gunnar Prause and Eunice O. Bark (Germany, Estonia)
	SIMULATION-BASED WORKFLOW OPTIMIZATION FOR FIREFIGHTER MOBILE DECONTAMINATION Deniss Bičkovs, Sergejs Borzihs, Igor Kabashkin (Latvia)	**PORT-HINTERLAND INTEGRATION IN THE SOUTH CAUCASUS: BASED ON INFRASTRUCTURE ASSESSMENT OF ANAKLIA SEA PORT WITHIN THE MIDDLE CORRIDOR** Anatoli Beifert, Davit Jikia, Giorgi Mangoshvili and Nika Sakvarelidze (Germany, Georgia) (ONLINE ●)
	RESEARCH OF QUADRICYCLE STABILITY PARAMETER DEPENDENCE ON THE CENTRE OF MASS LOCATION Marius Mažeika and Darius Juodvalkis (Lithuania)	**CHALLENGES IN IMPLEMENTING LOGISTICS 4.0 TECHNOLOGIES IN FREIGHT TRANSPORT COMPANIES** Olga Navickienė and Aidas Vasilis Vasiliauskas (Lithuania)

Session 2 (Aud. 222)
Online - https://meetings.tsi.lv/b/jel-p6n-kgf-euk

SMART CITIES, URBAN SAFETY & PUBLIC SERVICES
Moderators:
Prof. Olegas Prentkovskis (Lithuania)
Prof. Mihails Savrasovs (Latvia)

Session 3 (Aud. 220)
Online - https://meetings.tsi.lv/b/jel-ybh-hbu-krr

GREEN LOGISTICS & RESILIENT SUPPLY CHAINS
Moderators:
Prof. Gunnar Prause (Estonia)
Prof. Evelina Budilovica (Latvia)

Time

Session 2	Session 3
LOGISTICAL PREPAREDNESS OF MUNICIPALITIES FOR EMERGENCIES. THE CASE OF LITHUANIA Renata Činčikaitė (Lithuania)	**IMPACT OF IOT-DRIVEN INVENTORY MANAGEMENT ON EXPORT READINESS IN PRODUCTION PLANT IN LITHUANIA** Rukundo Pacifique (Lithuania) `ONLINE ●`
COMPARATIVE ANALYSIS OF SMART PUBLIC TRANSPORT ADOPTION IN NIGERIA: LESSONS FROM THE BUS RAPID TRANSIT SYSTEMS OF LAGOS AND KADUNA Ikpe Ijuo, Samuel Moveh, Rasheed Kuranga, Abubakar Ahmed and Bukola Moshood (Nigeria, Latvia) `ONLINE ●`	**EXPLORING DECISION MAKING METHODS IN NEXT-GENERATION SUPPLY CHAINS: A BIBLIOMETRIC PERSPECTIVE** Gabrielė Radavičiūtė and Ieva Meidutė-Kavaliauskienė (Lithuania) `ONLINE ●`
	IMPROVING THE INVENTORY MANAGEMENT EFFICIENCY BASED ON THE FILL RATE ASSESSMENT AND THE SAFETY STOCK LEVEL Valery Lukinskiy, Vladislav Lukinskiy, Darya Bazhina, Irina Zolotukhina and Ekaterina Gazizova `ONLINE ●`

13:00-15:00 (applies to the above block)

15:00-15:30	Break

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Session 1 (Aud. 130)
Online https://meetings.tsi.lv/b/jel-hkt-p9e-qld

SMART DATA MODELLING & ARTIFICIAL INTELLIGENCE
Prof. Aleksandr Grakovski (Latvia)
Prof. Nadezhda Spiridovska (Latvia)

Moderators	(see above)

15:30-17:30	**RESOLVING THE ROUTING COMMONS PROBLEM IN MANETS: A NASH EQUILIBRIUM ANALYSIS FOR RESOURCE-CONSTRAINED NETWORKS** Ekaterina Gromova, Kirill Krinkin, Maksim Shevkoplias and Michael Georgiades (Latvia, Cyprus)
	GAME-THEORETIC AGENT PLACEMENT FOR VULNERABILITY MITIGATION IN MANETS Anna Kirpichnikova, Ekaterina Gromova and Stewart Blakeway (Latvia, UK)
	SPECTRAL IMAGE ANALYSIS BASED ON MULTIPLE RGB CAMERAS USING RAW DATA FORMAT Alexander Grakovski and Igor Radchenko (Latvia
	GENERATIVE AI AS A COGNITIVE PARTNER: REDESIGNING PERSONAL INFORMATION SYSTEMS FOR PROACTIVE CONTEXTUAL CURATION Sergejs Paskovskis and Boriss Misnevs (Latvia)
	IDENTIFYING FINANCIAL RISKS BY LEVERAGING ARTIFICIAL INTELLIGENCE Giorgi Sulashvili, Nino Pailodze, Tamar Gugushvili, Giorgi Zaalishvili, Mariami Gogochuri and Ketevan Giorgidze (Georgia)
	LOSS-AWARE DATA QUALITY METRIC IN DIGITAL FINANCE Daniel Mitrofanovs and Jelena Popova (Latvia)
	DIGITAL MATURITY IN CENTRAL EUROPE: ANALYSIS OF POST-PANDEMIC SME DIGITALIZATION IN THE VISEGRAD GROUP Nijat Hajiyev (Latvia)
	STATISTICAL ANALYSIS OF RESPONSES TO LIKERT SCALE QUESTIONS IN MANAGEMENT SCIENCE: SIMULATION MODEL USING UTILITY FUNCTION AND BETA DISTRIBUTION Berdymyrat Ovezmyradov, Akbar Jumayev, Bunyod Utanov and Ekaterina Gromova (Latvia)
	INVESTIGATION ON THE INTEGRATION OF MACHINE LEARNING WITH ROBOTICS, ADDITIVE MANUFACTURING, AND COMPUTER VISION IN WIRE ARC ADDITIVE MANUFACTURING Samuel Moveh, Samuel Abiodun Adeniyi and Emmanuel Alejandro Merchán-Cruz (UK, Latvia) ONLINE ●
	DESIGN AND IMPLEMENTATION OF A FLEXIBLE TRANSLATION ENGINE FOR AUTOMATED WEBSITE CRAWLING AND TEXT CHUNKING APPLIED ON THE METAL MARKET AS AN EXAMPLE Nicolas Dolle, Luisa Brenner, Kirill Anikin, Dimitrios Exarchos and Marc Fernandes (Germany) ONLINE ●
18:30	Conference Dinner (Restaurant LIDO, Krasta str., 76, Riga)

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Time	Session 4 (Aud. 222) Online - https://meetings.tsi.lv/b/jel-q7l-rab-rrs SMART & SUSTAINABLE TRANSPORT SYSTEMS Moderators: Prof. Irina Yatskiv (Latvia) Prof. Irina Pticina (Latvia)	Session 5 (Aud. 220) Online - https://meetings.tsi.lv/b/jel-ilk-4de-yar AVIATION INNOVATION & SAFETY CULTURE Moderators: Prof. Igor Kabashkin (Latvia) Prof. Iyad Alomar (Latvia)
15:30-17:30	**DECISION-MAKING FRAMEWORK FOR HYPERLOOP TECHNOLOGY SELECTION FOCUSED ON THE TRANSPORTATION NETWORK PERFORMANCE -** Lukas Eschment, Irina Yatskiv (Jackiva), Jurijs Tolujevs, Walter Neu, Thomas Schüning (Germany, Latvia)	**RESILIENT AIRPORT OPERATIONS DURING GLOBAL EVENTS: FLOW CONTROL, SPACE ADAPTATION, AND URBAN INTEGRATION** Alina Adam and Arturs Saveljevs (Latvia)
	EX POST EVALUATION OF MICROSCOPIC TRAFFIC MODELING ACCURACY IN A REDEVELOPED URBAN NODE: A CASE STUDY OF A MAJOR COMMERCIAL INFRASTRUCTURE IMPACT Irina Pticina, Mihails Savrasovs, Anna Desfourneaux (Latvia)	**COMPETENCY-BASED DECISION-MAKING FRAMEWORK FOR PREDICTIVE MAINTENANCE IN AVIATION** Roman Fedorov and Dmitry Pavlyuk (Latvia)
	EVALUATING DRIVER VISUAL ATTENTION TO ROAD SIGNS WITH AND WITHOUT DRIVING AIDS Greta Serackienė and Vidas Žuraulis (Lithuania)	**AIRLINE VALUE PROPOSITION TRANSFORMATION IN THE MIDDLE EAST: NLP ANNOTATION FRAMEWORK** Olga Zervina, Arturs Saveljevs and Neil Rubens (Latvia)
	PROSPECTS FOR THE USE OF ELECTRIC TRUCKS IN LITHUANIAN ROAD TRANSPORT COMPANIES Aidas Vasilis Vasiliauskas and Olga Navickienė (Lithuania)	**THE IMPACT OF INDIVIDUAL, UNRELATED FACTORS ON FLIGHT SAFETY** Aleksander Medvedev (Latvia)
	SMART PUBLIC TRANSIT SYSTEMS FOR SUSTAINABLE CITIES (ONLINE 🔴) Rytis Engelaitis and Aldona Jarašūnienė (Lithuania)	**DIGITAL SOLUTION OF SAFETY CULTURE EVALUATION AND ASSESSMENT WITHIN AN AVIATION COMPANY** Juris Maklakovs (Latvia)
	INTEGRATING SUSTAINABLE MOBILITY INTO RAIL PASSENGER TRANSPORT LOGISTICS SOLUTIONS Aldona Jarašūnienė and Marius Gelžinis (Lithuania) (ONLINE 🔴)	**GAMIFIED VIRTUAL REALITY SYSTEMS FOR TRAINING IN AIRCRAFT DE-ICING OPERATIONS** Rustam Togambayev (Latvia)
	ADAPTIVE SIGNAL CONTROL STRATEGIES FOR HIGH-DENSITY URBAN INTERSECTIONS Alua Kulmurzina, Duman Iskakov, Zura Sansyzbayeva, Timur Sultanov, Gulnar Tlepiyeva and Assel Zhandarbekova (Kazakhstan) (ONLINE 🔴)	**SOME APPLICATIONS ON VIBROACOUSTICS FOR NOISE REDUCTION IN HELICOPTE CABIN** Pavithra Nagaraj (Latvia)
18:30 CONFERENCE DINNER (RESTAURANT LIDO, KRASTA STR., 76, RIGA)	**A STAKEHOLDER-WEIGHTED AHP COMPARISON OF ALTERNATIVE MARINE FUELS IN ESTONIA'S MARITIME SECTOR** Kristine Carjova (Estonia) Deniece M. Aiken, Olli-Pekka Hilmola, Ulla Tapaninen, Teemu Manderbacka (Estonia, Finland)	**FORECASTING THE DEMAND FOR AIRCRAFT SPARE PARTS USING STATISTICAL METHODS AND MACHINE LEARNING** Murat Amelov (Latvia)
	PRESSURE PULSATION REDUCTION IN MICRO-HYDRAULIC POWER PACK WITH CHAMBER-TYPE DAMPER (ONLINE 🔴) Michał Stosiak, Mykola Karpenko, Krzysztof Towarnicki, Paulius Skačkauskas (Poland, Lithuania)	**IMPLEMENTATION OF LIFE CYCLE ASSESSMENT (LCA) IN AIRPORTS WITH FOCUS ON AVIATION WASTE MANAGEMENT** Christy Oommen Jacob, Irina Jackiva and Iyad Alomar (Latvia)

Time		
10:00-12:30	**Special Session (Aud. 130)** Online Zoom **WOMEN IN TRANSPORT** Moderators: Dr. Gromule Vaira & Prof. Irina Yatskiv	
	Session 6 (Aud. 222) Online - https://meetings.tsi.lv/b/jel-tq8-tfi-oui **DIGITAL ECONOMY, FINANCE & CORPORATE TRANSFORMATION** Moderators: Prof. Irina Kuzmina-Merlino (Latvia) Prof. Natalia Konovalova (Latvia)	**Session 7 (Aud. 220)** Online - https://meetings.tsi.lv/b/jel-3u8-tyy-oyz **LEARNING, SKILLS & HUMAN-MACHINE PARTNERSHIP** Moderators: Prof. Boriss Misnevs (Latvia) Prof. Olga Zervina (Latvia)
10:00-12:30	**MODELING ENDOGENOUS TECHNOLOGICAL CHANGE IN BANKS: EVIDENCE FROM THE EUROPEAN BANKING INDUSTRY** Nijat Masmaliyev and Inna Stecenko (Latvia)	**AI-DRIVEN ECOSYSTEM FOR ADVANCING METACOGNITIVE THINKING IN HIGHER EDUCATION** Boriss Misnevs, Olga Zervina and Igor Kabashkin (Latvia)
	READINESS TO IMPLEMENT ARTIFICIAL INTELLIGENCE IN RECRUITMENT PROCESSES IN THE TRANSPORT AND LOGISTICS SECTOR Veranika Khlud, Galina Reshina and Janis Baronins (Latvia)	**RESPONSIBLE AI IN HIGHER EDUCATION: A FRAMEWORK FOR AUTOMATING ASSIGNMENT ASSESSMENT** Nikita Ostrovenecs, Nadezda Spiridovska and Jeļena Picilēviča (Latvia)
	THE APPROACHES TO THE ASSESSMENT OF FINANCIAL TRANSPARENCY IN CORPORATE REPORTING Ferangiz Abdurakhmonova and Irina Kuzmina-Merlino (Latvia)	**DIGITAL TOOLS FOR AVIATION EDUCATION AND TRAINING** Maksims Suvalovs and Alexander Medvedev (Latvia)
	DIGITAL TRANSFORMATION AND SUSTAINABILITY: THE INTERPLAY ROLE OF CORPORATE IDENTITY IN CREATIVE AND CULTURAL INDUSTRIES Marta Kontina, Tatjana Volkova, Didzis Rutitis, Eduards Aksjonenko, Anda Batraga, Jelena Salkovska and Liene Kaibe (Latvia)	**IMPACT OF MOBILE BROADBAND ON LABOR MARKET OUTCOMES IN SUB-SAHARAN AFRICA** Etian Boress Kemgou Voptia and Yulia Stukalina (Latvia) ONLINE 🔴
	CONCEPTUAL FRAMEWORK FOR DIGITAL TRANSFORMATION AND CORPORATE IDENTITY MANAGEMENT INTEGRATION Eduards Aksjonenko, Didzis Rutitis, Marta Kontina, Tatjana Volkova, Anda Batraga, Jelena Salkovska and Liene Kaibe (Latvia)	**SUSTAINABLE CONSUMPTION & PRODUCTION IN SUB-SAHARAN AFRICA: LEVERAGING DIGITAL CONNECTIVITY FOR LABOR PRODUCTIVITY** Etian Boress Kemgou Voptia and Yulia Stukalina (Latvia) ONLINE 🔴

Time	DIGITAL ECONOMY, FINANCE & CORPORATE TRANSFORMATION Moderators: Prof. Irina Kuzmina-Merlino (Latvia) Prof. Natalia Konovalova (Latvia)	LEARNING, SKILLS & HUMAN-MACHINE PARTNERSHIP Moderators: Prof. Boriss Misnevs (Latvia) Prof. Olga Zervina (Latvia)
10:00-12:30	**IMPROVEMENT OF CREDIT RISK ASSESSMENT USING AI** Natalia Konovalova, Svetlana Saksonova, Emil Velinov (Latvia, Czech Republic)	**ENHANCING ENTREPRENEURIAL MINDSET THROUGH DIGITAL TOOLS: A PILOT STUDY ON BUSINESS PLAN GENERATING WORKSHOPS** Airita Aksjonenko, Iveta Ludviga and Inga Uvarova (Latvia)
	POSSIBILITIES TO INCREASE DEMAND FOR PROPERTY INSURANCE BY IMPROVING FINANCIAL LITERACY Jekaterina Dudele, Aina Čaplinska and Natalia Konovalova (Latvia) (ONLINE ●)	**CHALLENGES OF THE LOGISTICS SYSTEM IN ORGANIZING HOST NATION SUPPORT IN LITHUANIA** Olga Navickienė, Ignas Kižys and Aidas Vasilis Vasiliauskas (Lithuania)
	THE RELEVANCE AND THE IMPACT OF DIGITAL WALLETS IN THE CASHLESS ECONOMY IN AI-DRIVEN ERA Ioseb Gabelaia and Jacques Hendieh (Latvia, France) (ONLINE ●)	**TEACHING MARKETING-OPERATIONS INTERFACE AND SUSTAINABILITY DIMENSIONS: EXCEL AS FREE ALTERNATIVE TO PROPRIETARY SIMULATORS** Berdymyrat Ovezmyradov, Yulia Stukalina, Gennady Gromov, Fatih Yigit and Mehmet Yörükoğlu (Latvia)
	THE ROLE OF AI MARKETING AND BEHAVIORAL CONDITIONING IN REAL-TIME CONSUMER ENGAGEMENT Ioseb Gabelaia and Vivian Tracy (Lithuania, USA) (ONLINE ●)	**FEATURES OF INSTALLATION OF GSM-R COMMUNICATION EQUIPMENT ON RAILWAY ROLLING STOCK** Viačeslav Petrenko (Lithuania)
12:30-13:30	Lunch	

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FRIDAY, OCTOBER 17

Time		
13:30-16:30	**Special Session (Aud. 130)** Online Zoom **WOMEN IN TRANSPORT** Moderators: Dr. Gromule Vaira & Prof. Irina Yatskiv	
	Session 6 (Aud. 222) Online - https://meetings.tsi.lv/b/jel-tq8-tfi-oui **DIGITAL ECONOMY, FINANCE & CORPORATE TRANSFORMATION** Moderators: Prof. Svetlana Saksonova (Latvia) Prof. Inna Stecenko (Latvia)	**Session 7 (Aud. 220)** Online - https://meetings.tsi.lv/b/jel-3u8-tyy-oyz **LEARNING, SKILLS & HUMAN-MACHINE PARTNERSHIP** Moderators: Prof. Natalia Konovalova (Latvia) Prof. Yulia Stukalina (Latvia)
13:30-16:30	**ASSESSING ADAPTABLE MODELS IN FRAUD DETECTION: A SYSTEMATIC REVIEW** Ibrahim Israfilov, Irina Yatskiv and Nadežda Spiridovska (Latvia)	**A MULTIPERSPECTIVE EXPLORATION OF DECISION MAKING IN FAMILY BUSINESS CONTEXT** Valerija Kozlova (Latvia)
	AN ANALYSIS OF LATVIAN PRIVATE PENSION FUNDS AND YOUNG PEOPLE'S ATTITUDES TOWARDS THEM Svetlana Saksonova and Inna Stecenko (Latvia)	**THEORETICAL AND EMPIRICAL INSIGHTS FOR THE APPLICATION OF AI IN ACADEMIC ENVIRONMENTS** Gabrielė Ivanovaitė and Giedre Adomaviciene (Lithiania)
	INTERPLAY BETWEEN ESG PERFORMANCE AND FINANCIAL OUTCOMES IN EUROPEAN COMPANIES Svetlana Saksonova and Arita Buša (Latvia)	**FACTORS AFFECTING THE ADAPTATION OF FOREIGN STUDENTS: LIETUVOS INZINERIJOS KOLEGIJA HEI CASE STUDY** Giedrė Adomavičienė and Judita Štreimikienė (Lithuania)
	FROM FINANCIAL REPORTING TO INTEGRATED REPORTING: A FRAMEWORK FOR SIX CAPITALS EVALUATION Ferangiz Abdurakhmonova (Latvia)	**CUSTOMER COMMUNICATION IN E-COMMERCE: INSIGHTS FROM SOUTH ASIA** Taley Muhammad and Yulia Stukalina (Latvia)
	DESIGNING INCLUSIVE DIGITAL EMPLOYMENT PLATFORMS FOR PEOPLE WITH DISABILITIES: A COMPARATIVE EVALUATION OF GLOBAL BEST PRACTICES Natig Safarli (Latvia)	**CHALLENGES AND NEW CAREER OPPORTUNITIES IN THE BANKING SECTOR IN THE DIGITAL AGE** Natalia Konovalova, Svetlana Saksonova, Aina Caplinska, Alina Danileviča (Latvia)
	DYNAMIC CORRELATIONS AND SYSTEMIC RISK IN THE EUROPEAN FINANCIAL INSTITUTIONS: GUIDING SPILLOVER INDEX APPLICATION Mehemmed Maharramov	**EXPLORING AI-REINFORCED FRAMEWORKS FOR SUSTAINABLE WORKFORCE UPSKILLING AND RESKILLING IN THE ERA OF NEW SKILLS ECONOMY** Ioseb Gabelaia, Ramune Bagočiūnaitė and Viktorija Navickienė (Lithuania) ONLINE ●

Time	Session 6 (Aud. 222) Online - https://meetings.tsi.lv/b/jel-tq8-tfi-oui DIGITAL ECONOMY, FINANCE & CORPORATE TRANSFORMATION Moderators: Prof. Svetlana Saksonova (Latvia) Prof. Inna Stecenko (Latvia)	Session 7 (Aud. 220) Online - https://meetings.tsi.lv/b/jel-3u8-tyy-oyz LEARNING, SKILLS & HUMAN-MACHINE PARTNERSHIP Moderators: Prof. Natalia Konovalova (Latvia) Prof. Yulia Stukalina (Latvia)
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13:30-16:30	THE ROLE OF GOVERNMENT POLICY AND TRANSFORMATIONAL LEADERSHIP IN OVERCOMING BARRIERS TO DIGITAL TRANSFORMATION IN SOMALIA'S PUBLIC SECTOR Mustafa Yaasin Sheik, Dmitry Pavlyuk and Olga Zervina (Latvia) ONLINE 🔴	AN ANALYSIS OF HOW ORGANIC GROWTH, INSTITUTIONAL INVESTMENT, AND RISK-TAKING IMPACT OWNERSHIP STRUCTURES AND WEALTH DISTRIBUTION IN PRIVATE EQUITY Ioseb Gabelaia and Tyler Dailey (Latvia, USA) ONLINE 🔴
		PERSONALIZATION OF EDUCATION PRACTICES IN THE SPACE OF HUMAN-MACHINE PARTNERSHIP ONLINE 🔴 Ryhor Miniankou and Aliaksandr Puptsau (Lithuania)

17:30-19:30   Old Riga Town (Guided Walking Tour)