

RaTSiF-2024

The 46th Research and Technology – Step into the Future Conference

Agenda

Date: 6th December 2024

Time: 10:00 – 17:00

Location: Transport and Telecommunication Institute

Link to plenary session: <https://meetings.tsi.lv/b/jel-9xg-7tu-c5b>

PLENARY SESSION		
(Aud. 130)		
Moderators:	Prof., Dr.sc.ing. Boriss Misnevs Prof., Dr.sc.ing. Dmitry Pavlyuk	
10:00 - 12:00	Welcome Speech	Juris Kanels , Ph.D., Rector, TSI (Latvia)
	InclusiveNet: A Topological Multivariate Approach for Improving Mobility Experience of Especially Vulnerable Road Users	Francesco Maria Turno , Mg.Sc.Ing., Researcher, TSI (Latvia)
	Aluminum Alloys Wire-Arc Additive Manufacturing of Aerospace Structural Components	Arseny Kisarev , Mg.Sc.Ing., Head of the Additive Lab, TSI (Latvia)

Parallel Session

SESSION #1 (Aud. III)

Link to Session 1: <https://meetings.tsi.lv/b/jel-3u8-tyy-oyz>

Online: Only for Distant Learning Students

12:30 - 14:30		
COMPUTER PROBLEMS OF THE INFORMATION SOCIETY AND THE MODERN ELECTRONICS INFORMĀCIJAS SABIEDRĪBAS DATORIZĀCIJAS PROBLĒMAS UN MŪSDIENU ELEKTRONIKAS PASAULE		
Moderators:	Prof., Dr.sc.ing. Mihails Savrasovs Prof., Dr.sc.ing. Aleksandrs Grakovskis	
12:30 - 14:30	Automation of Infrastructure-as-Code Management	Dmitrijs Samsins
	Low Code/No Code Platform Choosing Methodology for Business Purposes (<i>online</i>)	Viktorija Paukova
	A Comprehensive Digital Transformation Framework for IT Organizations (<i>online</i>)	Diana Predoaia
	Exploring Model Selection Approaches for Customer Churn Prediction in Web Applications (<i>online</i>)	Jeļizaveta Proglada
	Features of Modern Everyday Technologies and Tendencies of Recruitment Requirements in IT Field	Reinis Simanovics

Parallel Session

SESSION #2 (Aud. III)

Link to session 2: <https://meetings.tsi.lv/b/jel-tq8-tfi-oui>

Online: Only for Distant Learning Students

14:45 - 17:00		TRANSPORT AND LOGISTICS TRANSPORTS UN LOĢISTIKA
Moderators:	Prof., Dr. habil.sc.ing. Jurijs Tolujevs PhD. Aleksandrs Kotļars	
14:45 - 17:00	Stratēģiju izstrāde un pārbaude, lai samazinātu krājumus gatavās produkcijas noliktavā (<i>online</i>)	Valdis Gūtmanis
	Cilvēkresursu vadība pasažieru pārvadājumos: problēmu analīze un stratēģijas mūsdienu transporta nozares izaicinājumu pārvarēšanai	Artūrs Ābols
	Mobilitātes punktu pielāgošana lietotāju kultūras un psiholoģiskajām īpatnībām: pieejas lietotāju pieredzes uzlabošanai	Elina Troicka
	Implementation of Multimodal Transportation to Increase Sustainability of Local Supply Chains in India (<i>online</i>)	Mohammed Ahsan Shareef

Parallel Session

SESSION #3 Part 1 (Aud. 130)

Link to session 3: <https://meetings.tsi.lv/b/jel-q7l-rab-rrs>

Online only for Distant learning students

12:30 - 17:00 MARKET: RESEARCH, PROJECTS, TECHNOLOGIES AND PROBLEMS OF THE MODERN ECONOMY AND BUSINESS TIRGUS: PĒTĪJUMI, PROJEKTI, TEHNOĻIJAS UN MŪSDIENU EKONOMIKAS UN BIZNESA PROBLĒMAS		
Moderators:	Prof., Dr.sc.ing. Irina Jackiva Prof., Dr.oec. Inna Stecenko	
12:30 -14:30	Digitalization of Integrated Reporting: Software Solutions and Their Impact on Corporate Transparency and Sustainable Development	Ferangiz Abdurakhmonova
	Development of Digital Business in European Banks During Crisis	Nijat Masmaliyev
	Challenges and Opportunities for LLM-Powered Agents in Supply Chain Management	Maksim Ilin
	Anomaly Detection in Financial Transactions (<i>online</i>)	Ibrahim Israfilov
	Development of Digital Skills for Human Resources in the Banking Sector in Sri Lanka (<i>online</i>)	Nilusha Erangi
	Using Data Analytics to Understand and Influence Customer Behavior in Digital Customer Communication	Taley Muhammad
14:30 - 14:45	Break	
14:45 – 17:00	Sustainable Goal Management and Enhanced Passenger Engagement in Aviation: Literature Review	Christy Oommen Jacob
	Analysis of Ground Handling Risks That impact Airplane Health Management (<i>online</i>)	Rustam Togambayev
	Structural Reforms and Business Participation in Global Value Chains in Sub-Saharan Africa (<i>online</i>)	Etian Boress Kemgou Voptia
	Leveraging Blockchain Technology in Sustainable Marketing: A KPI-Driven Approach (<i>online</i>)	Chau Long Tran
	Connectedness In European Financial Institutions: A Digital Perspective (<i>online</i>)	Mehemmed Maharramov
	Developing a Corporate-Centric Model for Influencer Marketing: Strategies for Enhancing Brand Image (<i>online</i>)	Akarsh Surendran

Parallel Session

SESSION #3 Part 2 (Aud. I)

Link to session 3: <https://meetings.tsi.lv/b/jel-ixp-8vs-8qb>

Online only for Distant learning students

MARKET: RESEARCH, PROJECTS, TECHNOLOGIES AND PROBLEMS OF THE MODERN ECONOMY AND BUSINESS TIRGUS: PĒTĪJUMI, PROJEKTI, TEHNOĻIJAS UN MŪSDIENU EKONOMIKAS UN BIZNESĀ PROBLĒMAS		
12:30 - 15:00		
Moderators:	Prof., Dr.oec. Irina Kuzmina-Merlino Asst.Prof., Ph.D. Berdymyrat Ovezmyradov	
12:30 - 15:00	Managing Operational Efficiency and Reducing Aircraft Downtime by Optimization of Aircraft on Ground (AOG) Processes for Airoperator	Nikita Cheick Abraham Diallo
	Assessment of Investment Attractiveness of an EasyJet Airline <i>(online)</i>	Waqar Ullah
	Safety Management System (SMS) Implementation in Small-Sized Aviation Company <i>(online)</i>	Viktorija Fahrutdinova
	Integration of Robotic Technologies into Pharmaceutical Services in Latvia: Challenges and Opportunities Based on European Experience	Anna Manakova
	Adaptive Communication Models - Solutions Framing the Future of Marketing	Nikole Hristolubova
	Innovation Hubs as Catalysts for Consumer Behavior Transformation: A Marketing Perspective <i>(online)</i>	Anandhu Vijayakumar

Parallel Session

SESSION #4 (Aud. 220)

Link to session 4: <https://meetings.tsi.lv/b/jel-p6n-kgf-euk>

Online only for Distant learning students

12:30 - 14:30		MODERN TECHNOLOGIES OF EDUCATION MŪSDIENU IZGLĪTĪBAS TEHNOLOĢIJAS
Moderators:	Prof., Dr.sc.ing. Boriss Misnevs Assoc.Prof., Dr.psych. Ishgaley Ishmuhametov	
12:30 - 14:30	Artificial Intelligence and New Thinking Competences for University Students	Boriss Misnevs
	The Integration of Science in the Development of Pedagogy (online)	Elena - Iulia Chita
	Successful Positioning of a Driver Education Center: Ways to Create a Competitive Advantage	Marija Leontjeva