

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	Features of Modern Everyday Technologies and Tendencies of Recruitment Requirements in IT Field	Reinis Simanovics
	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

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	Cilvēkresursu vadība pasažieru pārvadājumos: problēmu analīze un stratēģijas mūsdienu transporta nozares izaicinājumu pārvarēšanai	Artūrs Ābols
	Developing and Testing Strategies to Reduce Inventory in the Finished Goods Warehouse	Valdis Gūtmanis
	Mobilitātes punktu pielāgošana lietotāju kultūras un psiholoģiskajām īpatnībām: pieejas lietotāju pieredzes uzlabošanai	Eliņa 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 BIZNESĀ 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
	A Survey of Challenges and Opportunities for LLM-Powered Agents in Supply Chain Management	Maksim Ilin
	Anomaly Detection in Financial Transactions Data (<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 (<i>online</i>)	Taley Muhammad
14:30 - 14:45	Break	
14:45 – 17:00	Sustainable Resource Management and Enhanced Passenger Engagement in Aviation	Christy Oommen Jacob
	Analysis of Ground Handling Risks That impact Airplane Health Management	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, TEHNOLOĢIJAS 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 of Operational Efficiency and Reducing of Aircraft Downtime by Optimization of Aircraft on Ground Processes for Airoperator	Nikita Cheick Abraham Diallo
	Assessment of Investment Attractiveness of an Airline Company <i>(online)</i>	Waqar Ullah
	Evaluation of Safety Management System (SMS) Implementation in Small-Sized Aviation Companies: A Case Study of "Rīgas Aeroklubs" <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
	Successful Positioning of a Driver Education Center: Ways to Create a Competitive Advantage	Marija Leontjeva
	The Integration of Science in the Development of Pedagogy	Elena - Iulia Chita