



VI Starptautiskā zinātniski praktiskā konference
TRANSPORTS. IZGLĪTĪBA. LOGISTIKA UN INŽENIERIJA – 2021
 RĪGAS AERONAVIGĀCIJAS INSTITŪTS

The 6th International Scientific and Practical Conference
TRANSPORT, EDUCATION, LOGISTICS AND ENGINEERING - 2021
 RIGA AERONAUTICAL INSTITUTE
 02.07.2021, Riga, Mežkalna street 9/ **Online**

| 02.07.2021 | | Notes |
|---------------|--|------------------|
| 09:30 – 10:00 | Registration of participants. | Technical tests. |
| 10:00 – 10.40 | Plenary session. Managed by <i>RAI External Relations Director Asnāte Venckava</i> | LV, ENG, RU |
| 10.05 – 10.10 | Opening of the conference. <i>RAI Rector, Anatolijs Melnis</i> | |
| 10.10 – 10.20 | Greeting speech. <i>Member of the Parliament, the 13th Saeima Viktors Valainis</i> | |
| 10.20 – 10.30 | Greeting speech. <i>Director of the Aviation Department of the Ministry of Transport Artūrs Kokars.</i> | |
| 10.30 – 10.35 | Address to the conference participants. <i>RAI Senior Vice President, Chairman of the Convent Mihails Karoļs</i> | |
| 10.35 – 10.40 | Closing of the plenary session. <i>RAI External Relations Director Asnāte Venckava</i> | |
| 10.40 – 10.45 | Break and joining the sections. | |
| 10:45 – 14:10 | Section 1. Aviation industry. Engineering sciences. <i>Conducted by V.Reiskart</i> | |
| 10.45 – 11.00 | Applying of ion-plasma spraying on aircraft structures in order to improve the physical and technical properties of the glider surfaces. <i>J. Garbuzs.</i> | ENG |
| 11.00 – 11.15 | Assigning warranty periods for fatigue-sensitive components of aircraft structures. <i>K.Nečvals</i> | ENG |
| 11.15 – 11.30 | Digital transformation on airline's tourism business. <i>R.Quadros</i> | ENG |
| 11.30 – 11.45 | Improving the role of the human factor during the rapid development of aviation technologies. <i>J.Maklakovs</i> | ENG |
| 11.45 – 12.00 | The effect of flat jet blowing on the aerodynamic characteristics of the profile. <i>E.Motorin</i> | RU |
| 12.00 – 12.15 | Review and perspectives of UAS (unmanned aircraft systems) use for aquatic bioresources (bluebio) monitoring and supply. <i>V.Reiskarts</i> | ENG |
| 12.15 – 12.30 | Autorotation of freely falling rectangular plate. <i>V.Vorohobovs</i> | RU |
| 12.30 – 12.45 | Probability analysis of tensile strength of unidirectional hybrid and cross-ply composites. <i>J.Gutans</i> | ENG |
| 12.45 – 12.55 | Break | |
| 12.55 – 13.10 | Analysis of the destruction mechanism of electric rocket engines. <i>S.Kravčenko</i> | RU |



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| 13.10 – 13.25 | Different aircraft composite materials use in aircraft constructions, materials maintenance and repair. <i>S. Zeltiņa</i> | ENG |
| 13.25 – 13.40 | Random size modeling with different distribution laws and their application in processing the experimental results. <i>D.Vērzemnieks</i> | LV |
| 13.40 – 13.55 | Changes of aircraft dynamic characteristics during the landing in wind shear conditions. <i>M.Šlihta</i> | LV |
| 13.55 – 14.10 | Development of gas turbine blade construction for modern aviation engines. <i>E.Lejnieks</i> | LV |
| 10:45 – 14:10 | 2.section. Transport logistics. Economy. Marketing. <i>Conducted by I.Petuhovs</i> | |
| 10.45 – 11.00 | Modern changes in logistics activity. <i>I.Davidoviča</i> | ENG |
| 11.00 – 11.15 | Factors affecting the customer service quality of the Freeport of Riga customs checkpoint 0210. <i>L.Jefremova</i> | LV |
| 11.15 – 11.30 | Features of development of the market of airlines – lowcosters at the present stage. <i>K.Savenkovs</i> | ENG |
| 11.30 – 11.45 | Optimization and improvement of a transport process using freight traffic statistical modelling methods. <i>A.Maslovska</i> | LV |
| 11.45 – 12.00 | Choice in decision making based on sociometric analysis of the group. <i>K.Nečvals</i> | ENG |
| 12.00 – 12.15 | Methodology for assessment of natural resources and environmental damage. <i>D.Ulanov</i> | RU |
| 12.15 – 12.30 | Non-formal teaching methods in higher education. <i>E.Sīpola</i> | ENG |
| 12.30 – 12.45 | Sustainability and the use of renewable energy in transport. <i>D.Žukovska</i> | ENG |
| 12.45 – 12.55 | Break | |
| 12.55 – 13.10 | Methods of teaching of Aviation English in Riga Aeronautical Institute. <i>A.Venckava</i> | ENG |
| 13.10 – 13.25 | Mathematics and distant education experience. <i>S.Negreejeva</i> | RU |
| 13.25 – 13.40 | Analysis of the studies of the foreign students. <i>A.Tiļļa</i> | LV |
| 13.40 – 13.55 | The trade complementarity index, the case of Kazakhstan and its partners. <i>F.Giyasov</i> | ENG |
| 13.55 – 14.10 | Review of Transportation and Storage Business Management Results in Latvia Before and While the Pandemic Period in 2019-2020. <i>O.Zvereva</i> | ENG |