

Expected impacts

- Improved/wider professional relevance of PhD degrees
- Higher quality and quantity of knowledge-intensive innovations
- More effective usage of science in business
- To build a strong link between world class innovative research and creation of high-growth knowledge-based businesses (Lisbon agenda)
- To increase the quality and quantity of new business deal flow in the region and to accelerate growth
- Improving international collaboration in research in indicated area
- The societal impact of PhD research becomes more visible

Partners involved in the project

- Transport and Telecommunication Institute (TTI, Latvia) – leading partner
- Otto von Guericke University Magdeburg, Institute of Logistics and Material Handling Systems (ILM, Germany)
- Fraunhofer Institute for Factory Operation and Automation IFF (Germany)
- RISEBA University of Business, Arts and Technology (RISEBA, Latvia)
- Tallinn University of Technology (TTU, Estonia)
- Vilnius Gediminas Technical University (VGTU, Lithuania)

Contacts

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SCI-BI: Digitalization in Logistics and Transport

01.04.2018 - 31.10.2018



Project partners:



This project of the Baltic-German University Liaison Office is supported by the German Academic Exchange Service (DAAD) with funds from the Foreign Office of the Federal Republic of Germany.

Scope of the project

- Latvia has made remarkable progress in tertiary education attainment rate, but issues remain to be addressed to improve the quality of higher education. The important task considers - strengthening the link between the labour market and education.
- Data is at the heart of the digital revolution and a key aspect to the solution of many 21st century challenges. President Juncker identified Jobs, Growth and Investment and A Digital Single Market as the first priorities for EU policy. The goal is to foster growth, competitiveness, jobs and the internal market, through making better use of the opportunities offered by digital technologies.
- The project will bring together researchers and stakeholders from transport and logistics communities from Baltic countries and Germany:
 - strengthening the link between the labour market and education in Baltic Region
 - open up efficiency and prosperity aspects of using digital technologies in transport and logistics
 - identifying and developing new collaboration forms between science and business in order to support the industry, SME in transforming their work systems.

The aim of the project

Strengthening the research capacity of Latvia in Digitalization in Logistics and Transport and stimulating synergies between research and business

- The project is fully In line with the Union's Regulation 1301/2013 and Latvian National Development Plan (2030).
- One of the key point is the sensitization of doctorates for such societal tasks, who's responsibility it is to contribute to the advancement of science. There is a need for greater research understanding of the open questions in transport and logistics associated with implementing digital technologies.

Main activities of the project

26th of April 2018: Open Workshop in Riga (TTI)

Distinguished German and Latvian lecturers from research and business community will give overview of challenges and gaps in aspects of using digital technologies in transport and logistics.

19th of June 2018: Doctoral Students Workshop in Magdeburg

<http://www.ilm.ovgu.de/doktorandenworkshop.html>

16th of October 2018: SCI-BI Doctoral Students Workshop in Riga (TTI)

12 PhD and MSc students will give presentations on their research topics: 10 - from Latvia; 1 - from Lithuania; 1 - from Estonia.

The presentations can be classed into the following topics:

- Smart Solutions in Logistics and Transport
- Decision-making on the Basis of Modelling and Simulation
- Impacts on Economics and Society

Call for abstracts	1 May 2018
Submission of abstracts	4 July 2018
Notification of acceptance/rejection of abstracts	16 July 2018
Full paper submission	30 August 2018
Notification of acceptance/rejection of papers	15 September 2018
Submission of final paper	30 September 2018

Issue of international scientific Journal "Research and Technologies Step to the Future" (ISSN 1691-2861) with full papers will be published.

