



VILNIUS UNIVERSITY OF
APPLIED ENGINEERING SCIENCES

TECHNOLOGICAL INNOVATION FOR SUSTAINABLE SOCIETY CONFERENCE PROGRAM

Wednesday, March 28, 2012
Vilnius University of Applied Engineering Sciences (VTDK)
Great Hall, Antakalnio St. 54, Vilnius

13.30 – 14.00	Registration
Conference Commencement	
14.00 – 14.30	Conference commencement— Nijolė Kikutienė , VTDK Rector
	Welcoming words: Vydas Gedvilas , Member of the Seimas of the Republic of Lithuania, Deputy Head of the Seimas European Relations Committee, member of the Education, Science, and Culture Committee Birutė Miškinienė , Ministry of Education and Science, Deputy Director of the Department of Higher Education, Science, and Technology Alfonsas Jaras , Chairman of the VTDK Board, CEO and Chairman of the Board of AB Montuotojas
Plenary Session: moderated by Dr. Robert Jankowski , Gdansk University of Technology, Poland	
14.30 – 14.50	The One Chance of the 21 st Century: Sustainability Jonas Šimėnas , Member of the Seimas of the Republic of Lithuania, Head of the Seimas Committee on Environmental Protection
14.50 – 15.10	The Potential for Implementing Transport Technology Innovations Rimvydas Vaštakas , Deputy Minister of Transport and Communications, Republic of Lithuania
15.10 – 15.30	HEI & Innovation: Two Different Worlds? Sander van der Molen , Lithuanian Innovation Center, Project consultant
15.30 – 15.50	Innovative Cultures—Confidence in the Partnership Practice Dr. Terence Clifford-Amos , Higher Education Expert, Sandwich city mayor, Great Britain
15.50 – 16.10	Practical Application of Biometric Technology Professor Artūras Kaklauskas Deputy Director of the Institute of Internet and Intellectual Technologies, VGTU Head of the Department of Construction Economics and Property Management
Panel Discussion: moderated by Dr. Terence Clifford-Amos , Higher Education Expert, Sandwich city mayor, Great Britain	
16.15- 17.00	Topic: Accelerating Innovation Through Partnerships: the Role of Institutions of Higher Education Participants: Kęstutis Daukšys , Member of the Seimas of the Republic of Lithuania, Member of the Seimas Economics Committee, Member of the Foreign Relations Committee Birutė Miškinienė , Ministry of Education and Science, Deputy Director of the Department of Higher Education, Science and Technology Alfonsas Jaras , Chairman of the VTDK Board, CEO and Chairman of the Board of AB Montuotojas Sander van der Molen , Lithuanian Innovation Center, Project consultant Paul Daugalis , Chairman of the Lithuanian Maintenance Engineering Association, SKF Asset Management Senior Consultant
17.00	Buffet

Thursday, March 29, 2012

SESSION: THE OPPORTUNITIES TO USE INNOVATIVE TRANSPORTATION TECHNOLOGIES

Moderated by **Viačeslav Petrenko**, Vilnius University of Applied Engineering Sciences

Petras Vileišis Railway Faculty Conference Hall (Kalinausko St. 7, Vilnius)

10.00–10.10	Welcoming word: Anna Limanovskaja, Vilnius University of Applied Engineering Sciences, Deputy Rector for Academic Affairs
10.10–10.30	Experience with Implementation of the ETCS in Czech Republic Petr Dorazil , AŽD Praha s.r.o., researcher, Czech Republic
10.30–10.50	Electronic Station Interlocking System for Lithuanian Railways ESA 11-LG Karolis Stanislauskas , AŽD Praha s.r.o, researcher, Lithuania
10.50–11.10	Diagnostic and Maintenance System for Level Crossings in Modernization the Lithuania C project Zbigniew Ksiazek , Bombardier Transportation, Projects manager, Poland
11.10-12.00	ERTMS from Concept to Reality Carlos López , Business Baltics Bombardier Transportation RCS R2, Head, Sweden
12.00-12.20	<i>Coffee break</i>
12.20-12.40	Roles of Traditional and Discount Airlines in Central and Eastern Europe, Dr. habil. Ph. D. Assoc. Prof. Jozsef Gal , Szeged university, Hungary
12.40-13.00	Modern Systems in Railway Traffic Control Professor Jerzy Mikulski , Ph. D. Jakub Młyńczak , Kacper Kędziora , Silesian. University of Technology, Poland
13.00-13.20	Efficiency Study of Natural Gas and Hydrogen Fuel Blends Usage in Vilnius City Public Transport Alfredas Rimkus , Mindaugas Melaika , Vilnius University of Applied Engineering Sciences, Lithuania
13.20-14.00	<i>Lunch</i>
14.00-14.20	Formation of Road Structural Layers: Methods and Technology Helping to Increase Productivity and Quality Linus Maciulevičius , JSC Kordab, Trimble Heavy & Highway Division, Lithuania
14.20-14.50	Innovating Intermodal Technologies for Advanced Logistics Chain in Lithuania Mindaugas Butnorius , JSC, Lithuanian railways Head of freight village sector, Lithuania
14.50-15.10	Automated Diagnostics of Railway Point Drive Assoc. Prof. Dr. Vytautas Gargasas , Assoc. Prof. Dr. Andrius Knyš , Kaunas University of Technology, Lithuania
15.10-15.30	Vilnius University of Applied Engineering Sciences and Toyota Baltic AS Cooperation Experience of Preparing Transport Engineering Specialists Petras Kaikaris , Romualdas Širvinskas , Tadas Vipartas , Vilnius University of Applied Engineering Sciences, Lithuania
15.30-15.50	Rail Baltica Project Implementation in Lithuania Jadvyga Burak , Ministry of Transport of the Republic of Lithuania, JSC Lithuanian railway, Chief Engineer of the Rail Baltica project management group, Lithuania
15.50-16.30	Final Remarks, Discussions

Thursday, March 29, 2012

SESSION: INNOVATIVE TECHNOLOGIES FOR ENVIRONMENTAL SUSTAINABILITY

Moderated by Dr. **Andrius Gulbinas, Asta Montrimiene** Vilnius University of Applied Engineering Sciences

Assembly Hall (Antakalnio St. 54, Vilnius)

10.00 –10.10	Welcome speech - Nijole Kikutiene , Rector of Vilnius University of Applied Engineering Sciences
10.10 –10.30	Innovation in Energetic - What is it and Why it is Important Sergej Porchun , AB Lesto, Project Manager, Business Development Department
10.30 –10.50	Protection of cities from transport noise Giedrius Alekna , Ltd. ViaCon Baltic
10.50 – 11.10	Visaginas Nuclear Power Plant Project and Renewable Energy Sources - there is Space For Both in Lithuania Martynas Nagevicius , Lithuanian Energy Consultants Energy Director
11.10 –11.30	Experimental Examination of an Elastomeric Polymer Tomasz Falborski , Gdansk University of Technology
11.30 –11.50	Experimental Determination of Dynamic Properties of Cylindrical Steel Tank Model Filled with Liquid Tomasz Falborski , Gdansk University of Technology
11.50-12.30	<i>Coffee break</i>
12.30-12.50	A Global Impact on Lithuania Maksim Pavlovckij , TeleTRADE project manager
12.50-13.10	Analysis of Intelligent Ambient Assisted Living Environment Dr. Laura Tupenaite , Vilnius Gediminas technical university
13.10-13.30	Processing of the Close-range Digital Images Using Photogrammetry Systems Juratė Suziedelyte-Visockiene , Vilnius Gediminas technical university, Ausra Pranskeviciute , Vilnius University of Applied Engineering Sciences
13.30-13.50	Modeling of Magnetic Fields Toroidal – type DY Rimantas Matuliauskas , Vilnius University of Applied Engineering Sciences
13.50-14.10	Research of Petrol and Diesel Feeding Systems Cleaning Additives Valvoline Influence on the Performance of Engine Work Renaldas Baranauskas , Kaunas University of Applied Engineering Sciences
14.10-14.30	Laser Technology Innovations Dr. Gediminas Raciukaitis , Institute of Physics, Center for physical sciences and technology
14.30-14.50	Experimental Study of Pressure Losses in Pipes Povilas Milius , Vilnius University of Applied Engineering Sciences
14.50-15.30	Final Remarks, Discussions
15.30-16.00	CONFERENCE SUMMATION AND CONCLUSIONS Moderated by Dr. Gražina Strazdienė , Dean of the Technical Faculty <i>(Assembly Hall (Antakalnio St. 54, Vilnius))</i>