
12th International Scientific Practical Conference “Environment. Technology. Resources”

Rezekne Academy of Technologies,
Faculty of Engineering,
Rezekne, Latvia
June 20 – 22, 2019

Programme



Rezekne
2019

Conference Programme 20.06.2019.

Time	PROGRAMME		
	<i>Atbrivosanas aleja 115 k-4 Faculty of Engineering (EF), room 105</i>		
11.00	REGISTRATION, COFFEE		
13.00-13.30	CONFERENCE OPENING		
13.30-14.40	PLENARY SESSION		
14.40-15.00	COFFEE-BREAK		
15.00-16.35	SECTIONS SESSION		
	Section 1	Section 2	Section 3
	<i>Room 132</i>	<i>Room 111</i>	<i>Room 308</i>
17.15	DINNER		

Conference Programme 21.06.2019.

Time	PROGRAMME				
	<i>Atbrivosanas aleja 115 k-4 Faculty of Engineering (EF)</i>				
	<i>Room 132</i>	<i>Room 112</i>	<i>Room 105</i>	<i>Room 013</i>	<i>Room 111</i>
10.30-11.25	Section 1	Section 2	Section 3	Section 4	Section 5
11.30-12.00	COFFEE-BREAK (<i>1st floor vestibule</i>)				
12.00-12.30	POSTERS (<i>1st floor vestibule</i>)				
12.30-13.25	Section 1	Section 2	Section 3	Section 4	Section 5
13.25-14.30	COFFEE-BREAK (<i>1st floor vestibule</i>)				
14.30-17.05	Section 1	Section 2	Section 3	Section 4	Section 5
17.30	VISIT TO FOOD PRODUCTION COMPANY				

Conference Programme 22.06.2019.

Time	PROGRAMME
10.00-12.00	Rezekne Academy of Technologies Innovation center SalesLabs (Pils iela 23)

20.06.2019.

Registration from 11.00 Atbrivosanas aleja 115 k-4 (EF), room 105

PLENARY SESSION

Chairmans: Gotfrīds Noviks and Edmunds Teirumnieks

13.00-13.30	Conference opening: <ul style="list-style-type: none">• Kaspars Gerhards LR Minister for Agriculture• Iveta Mietule Rector of Rezekne Academy of Technologies• Ērika Teirumnieka Dean of Faculty of Engineering• Gotfrīds Noviks ETR Organising Committee Chairman
13.30-13.45	THE GERMAN ENERGY TRANSITION AND ITS STUMBLING BLOCKS— PROMOTION OF POWER GENERATION FROM PHOTOVOLTAIC SYSTEMS AND ITS INFLUENCE ON THE GERMAN ENERGY TRANSITION Lars Kempt
13.55-14.10	COMPARISON OF THE LONG-TERM PROPERTIES IN COMPRESSION OF DIFFERENT SIZE FOAMED CONCRETE Rihards Gailītis, Andina Sprince, Leonids Pakrastins, Genadijs Shakhmenko, Tomass Kozlovskis
14.20-14.35	INNOVATIONS IN LASER TECHNOLOGY IN THE LASER INSTITUTE OF THE MITTWEIDA UNIVERSITY OF APPLIED SCIENCES Horst Exner
14.40-15.00	<i>Coffee-break</i>

20.06.2019.

Section 1

Atbrivosanas aleja 115 k-4 (EF), room 132

INFORMATION TECHNOLOGIES

Chairmans: Artis Teilāns and Sergejs Kodors

15.00-15.15	APPLICATION OF COMPUTER VISION TECHNOLOGIES FOR AUTONOMOUS PILE MANIPULATION Artjoms Suponenkovs, Mihails Kovalovs, Zigurds Markovics
15.20-15.35	MATHEMATICAL DESCRIPTION AND MODELLING OF TRANSPORTATION OF CARGOES ON THE BASE DIGITAL RAILWAY Natalia Aleksandrovna Zhuravleva, Ilya Mikhailovich Gulyi, Mark Aleksandrovich Polyanchko
15.40-15.55	BRAIN CONNECTIONS ANALYSIS USING GRAPH THEORY MEASURES Oļesja Minejeva, Zigurds Markovics, Nauris Zdanovskis
16.00-16.15	INFORMATIONAL WARFARE – INFLUENCE ON INFORMATIONAL STRUCTURES Peter Grabusts, Aleksejs Zorins, Artis Teilāns

20.06.2019.

Section 2

Atbrivosanas aleja 115 k-4 (EF), room 111

ENVIRONMENT AND RESOURCES

Chairmans: Iveta Dembovska and Lienīte Litavniece

15.00-15.15	DOWNSTREAM TRANSFORMATION OF THE FLOOD-FLOW CHARACTERISTICS WITHIN THE RIVER-FLOODPLAIN SYSTEM OF THE MIDDLE DAUGAVA Dāvis Gruberts
15.20-15.35	CHEMICAL ALTERATIONS OF HARDWOOD VENEERS DUE TO THERMAL TREATMENT Anete Meija-Feldmane, Andris Morozovs, Uldis Spulle
15.40-15.55	DEVELOPMENT OF INCLUSIVE SOCIETY WITH THE INSTRUMENTS OF “GREEN” ECONOMY AND EDUCATION Inha Ziankova, Alena Lisichonak, Aliaksandr Yemialyanau
16.00-16.15	COMPOSITION AND QUALITY OF FRESHWATER LAKE SEDIMENTS (BALVU AND PĒRKONU LAKES) Oskars Purmalis, Linards Kļaviņš, Lauris Arbidans
16.20-16.35	FINANCIAL INSTRUMENTS TO INCREASE THE ECOLOGICAL SAFETY Svetlana Izmailovich, Aydin Rahmanov

20.06.2019.

Section 3

Atbrivosanas aleja 115 k-4 (EF), room 308

**IMPROVING THE PROFESSIONAL SKILLS IN GREEN CONSTRUCTIONS THROUGH ONLINE TRAINING”
(NR.2 (KA2) NR. 2017-1- LV01-KA202- 035483)**



Co-funded by the
Erasmus+ Programme
of the European Union

Chairmans: Lyubomir Lazov and Aleksejs Zorins

15.00-16.15	Multiplier event “Improving the professional skills in green constructions through online training”
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21.06.2019.

Section 1

Atbrivosanas aleja 115 k-4 (EF), room 132

INFORMATION TECHNOLOGIES

Chairmans: Pēteris Grabusts and Sergejs Kodors

10.30-10.45	INPUT DATA COLLECTION FOR THE FIT-GAP ANALYSIS METHOD: A LITERATURE REVIEW Ieva Ancveire
10.50-11.05	GAMIFICATION FRAMEWORK FOR SOFTWARE DEVELOPMENT PROJECT PROCESSES Valerija Platonova, Solvita Berzisa
11.10-11.25	RESEARCH OF HUMAN FATIGUE AND MEASUREMENT PARAMETERS FOR WORKABILITY ASSESSMENT Matīss Eriņš, Oļesja Minejeva, Zigurds Markovičs, Juris Lauznis, Raivis Kivlenieks
11.30-12.00	<i>Coffee-break (1st floor vestibule)</i>
12.00-12.30	<i>Posters</i>
12.30-12.45	COMPARATIVE EVALUATION OF THE RULE BASED APPROACH TO REPRESENTATION OF ADAPTATION LOGICS Lauma Jokste
12.50-13.05	COMPARISON OF ALGORITHMS FOR CONSTRUCTION DETECTION USING AIRBORNE LASER SCANNING AND NDSM CLASSIFICATION Sergejs Kodors
13.10-13.25	POTENTIAL BENEFITS OF WEB-BASED IDEA MANAGEMENT SYSTEM BASED ON PRACTICAL EVIDENCE Elīna Miķelsone, Tatjana Volkova, Elita Lielā
13.25-14.30	<i>Coffee-break (1st floor vestibule)</i>
14.30-14.45	THE BASICS OF EVENT-RELATED MANAGEMENT OF SAFETY AND QUALITY IN ECONOMICS Eugene Solozhentsev
14.50-15.05	FORECASTING MISSING DATA USING DIFFERENT METHODS FOR ROAD MAINTAINERS Jānis Pekša
15.10-15.25	ARTIFICIAL INTELLIGENCE IN WORKPLACES AND HOW IT WILL AFFECT EMPLOYMENT IN LATVIA Ilmārs Šukjurovs, Rosita Zvirgzdiņa, Silva Jeromanova-Maura
15.30-15.45	ANALYSIS OF ARTIFICIAL INTELLIGENCE APPLICATIONS FOR AUTOMATED TESTING OF VIDEO GAMES Imants Zarembo
15.50-16.05	ADAPTIVE KALMAN FILTER FORECASTING FOR ROAD MAINTAINERS Jānis Pekša
16.10-16.25	SAFETY OF ARTIFICIAL SUPERINTELLIGENCE Aleksejs Zorins, Peter Grabusts
16.30-16.45	DATA SCIENCE APPROACH FOR IT PROJECT MANAGEMENT Janis Grabis, Bohdan Haidabrus, Serhiy Protsenko, Iryna Protsenko, Anna Rovna
16.50-17.05	A METHOD FOOTBALL TEAM MODEL OPTIMIZATION AND APPLICATION OF THE OPTIMIZATION CONTROL Nguyen Hoang Mai, Tran Van Dung
17.10-17.25	TOWARDS A MATHEMATICAL SOLUTION OF ADMINISTRATIVE DIVISION OF LATVIA Peteris Daugulis

21.06.2019.

Section 2

Atbrivosanas aleja 115 k-4 (EF), room 112

ENVIRONMENT AND RESOURCES/ENGINEERING EDUCATION

Chairmans: Aleksandrs Gorbunovs and Edmunds Teirumnieks

10.30-10.45	MECHATRONICS EDUCATION: NEEDS AND CHALLENGES Gilberto Marzano, Andris Martinovs, Svetlana Ušča
10.50-11.05	RETURN MIGRATION TRENDS IN LATVIA: RE-ATTRACTING THE MAIN HUMAN RESOURCE FOR SUSTAINABLE REGIONAL DEVELOPMENT Elina Apsite-Berina, Girts Burgmanis, Zaiga Krisjane
11.10-11.25	THE DEVICE OF THE SHALLOW FRAME (HALF-FRAME) WITH QUICK FITTING OF A BEESWAX FOUNDATION AND ITS ADVANTAGE Ivan Voiku
<i>11.30-12.00</i>	<i>Coffee-break (1st floor vestibule)</i>
<i>12.00-12.30</i>	<i>Posters</i>
12.30-12.45	COMPETENCY-BASED TRAINING IN HYDROLOGICAL EDUCATION Larisa Timofeeva, Zinaida Timofeeva
12.50-13.05	USING ACTIVITY THEORY FOR MODELLING TRANSFORMATIVE DIGITAL LEARNING Olena Mykhailenko, Todd J.B. Blayone, Irena Žogla, Velta Lubkina
13.10-13.25	TRIGGERING THE STUDENTS' POSITIVE ATTITUDE FOR THE STUDIES OF ENGINEERING GRAPHICS COURSES THROUGH THE AUGMENTED REALITY CONTENT Zoja Veide, Veronika Strozheva
<i>13.25-14.30</i>	<i>Coffee-break (1st floor vestibule)</i>
14.30-14.45	SMART SPECIALISATION CONCEPT APPLICATION IN UNIVERSITIES: E-BUSINESS ONLINE STUDIES MODEL DEVELOPMENT Aigars Andersons, Jozef Bushati
14.50-15.05	THE TECHNOLOGY OF CO-CULTURING OF POTATOES WITH HONEY PLANTS AND PROSPECTS OF ITS TECHNICAL SUPPORT Ivan Voiku
15.10-15.25	DYNAMIC NATURE OF HYDROLOGICAL SIMILARITY Olga Serova, Larisa Timofeeva, Nikolai Reshin, Dmitry Abramov
15.30-15.45	THE EVALUATION OF YIELD AND AGRONOMIC TRAITS OF FLAX GENOTYPES UNDER LATVIAN CONDITIONS Inga Staficka, Veneranda Stramkale, Ieva Kroiča, Aldis Stramkalis
15.50-16.05	SOCIAL ENTREPRENEURSHIP AS ONE OF THE BUSINESS DEVELOPMENT ACTIVITIES IN RURAL AREAS OF LATVIA Silva Jeromanova-Maura, Ilmārs Šukjurovs
16.10-16.25	CEREAL SPECIES EFFECT ON PROTEIN CONTENT IN PEA GRAINS IN LEGUME CEREAL MIXTURES DEPENDING CROPPING SYSTEM Livija Zarina, Inara Helena Konosonoka

21.06.2019.

Section 3

Atbrivosanas aleja 115 k-4 (EF), room 105

ENVIRONMENT AND RESOURCES

Chairmans: Māris Kļaviņš and Gotfrīds Noviks

10.30-10.45	MINERAL COMPOSITION OF SOME LATGALE LAKE SEDIMENTS Rasma Tretjakova, Andris Karpovičs
10.50-11.05	MODIFICATION OF HUMIC SUBSTANCES FOR DEVELOPMENT OF MATERIALS FOR ENVIRONMENTAL TECHNOLOGIES Maris Klavins
11.10-11.25	ECO-INNOVATIVE SOLUTIONS FOR THE PROCESSING OF TECHNOGENIC MINERAL RESOURCES Gotfrīds Noviks
11.30-12.00	<i>Coffee-break (1st floor vestibule)</i>
12.00-12.30	<i>Posters</i>
12.30-12.45	THE EVALUATION OF STABLE ISOTOPIC RATIOS $\delta_{13}\text{C}$ AND $\delta_{15}\text{N}$ IN HUMIC ACIDS ALONG A FEN PEAT PROFILE Janis Krumins, Maris Klavins, Raimonds Krukovskis, Arturs Viksna, Lauma Busa
12.50-13.05	CLAY DETECTION IN LAKES OF LATGALE USING GROUND PENETRATING RADAR Rasma Tretjakova, Sergejs Kodors, Juris Soms, Aigars Alksnis
13.10-13.25	NECESSITY OF CUSTOMER LOYALTY FORMATION AND ITS PECULIARITIES IN THE TELECOMMUNICATION SERVICES Iveta Linina, Velga Vevere, Rosita Zvirgzdina
13.25-14.30	<i>Coffee-break (1st floor vestibule)</i>
14.30-14.45	THE EFFECT OF MICROECONOMIC FACTORS ON BUSINESS MODELS IN FINTECH INDUSTRY Rosita Zvirgzdina, Helena Skadina, Iveta Linina
14.55-15.05	IMPORTANCE OF CATERING ENTERPRISES' CLASSIFICATION IN SERVICE QUALITY ASSESSMENT FROM THE CUSTOMER'S POINT OF VIEW. CASE OF REZEKNE CITY Inese Silicka, Lienīte Litavniece, Iveta Dembovska
15.10-15.25	COMPOSITION OF REFUSE DERIVED FUELS IN LATVIA AND ESTONIA IN COMPARISON WITH WORLDWIDE AVERAGE VALUES Dmitrijs Porshnov, Dace Arina, Maris Klavins
15.30-15.45	KUPRAVA CLAY DEPOSIT RESEARCH COMPARISON Valentīna Pužule, Gotfrīds Noviks
15.50-16.05	CLASTIC QUATERNARY SEDIMENTS OF THE AUGŠDAUGAVA SPILLWAY VALLEY AS NATURAL RESOURCES – GRAIN SIZE DISTRIBUTION AND MICROMORPHOLOGY OF QUARTZ GRAINS AS INDICATORS FOR DISTINGUISHING ALLUVIAL AND GLACIOFLUVIAL SAND DEPOSITS Juris Soms, Ēriks Ošmjanskis
16.10.-16.25	LIFESTYLE BUSINESSES IN REZEKNE MUNICIPALITY Iveta Dembovska, Lienite Litavniece, Inese Silicka
16.30-16.45	THE NUMBER OF MEDICAL IMAGING SERVICES IN LATVIA AND LITHUANIA Alida Vane, Iveta Linina, Helena Skadina

21.06.2019.

Section 4

Atbrivosanas aleja 115 k-4 (EF), room 013

ENVIRONMENT AND RESOURCES

Chairmans: Ērika Teirumnieka and Viktors Mironovs

10.30-10.45	ECOLOGY OF POLYLEPIS SPP FORESTS, AND PROPOSAL FOR ITS CONSERVATION IN THE ANDEAN REGION OF TACNA, PERU Luis Fortunato Morales-Aranibar, Edward Enrique Rojas de la Puente, Juan F. Costa
10.50-11.05	INVESTIGATIONS OF APARTMENT HOUSE CELLAR MICROCLIMATE AND IT'S IMPROVEMENT POSSIBILITIES Stanislavs Pleiksnis, Edmunds Visockis, Raimunds Selegovskis, Sandra Gusta
11.10-11.25	ASSESSMENT OF ECOSYSTEM SERVICES FOR PLANNING OF GREEN INFRASTRUCTURE AT THE REGIONAL LEVEL Maija Ušča, Ivo Vinogradovs, Agnese Reķe, Dāvis Valters Immurs, Anita Zariņa
<i>11.30-12.00</i>	<i>Coffee-break (1st floor vestibule)</i>
<i>12.00-12.30</i>	<i>Posters</i>
12.30-12.45	CHARACTERIZATION OF VOLATILE ORGANIC COMPOUNDS AND ODOUR POLLUTION IN ATMOSPHERE AT OIL AND GASOLINE HANDLING AND PROCESSING IMPACT ZONE Evita Muizniece-Treija, Iveta Šteinberga
12.50-13.05	EVALUATION OF DIGITAL MARKETING USE IN THE PROMOTION OF LATGALE REGION TOURISM Ligita Karvele, Daina Znotiņa
13.10-13.25	THE POSSIBILITY OF USING FERROMAGNETIC SLUDGE COLLECTED DURING PURIFICATION OF WATER FROM SPILLED OIL PRODUCTS Viktors Mironovs, Aleksejs Tatarinovs, Juris Treijs, Edmunds Teirumnieks
<i>13.25-14.30</i>	<i>Coffee-break (1st floor vestibule)</i>
14.30-14.45	DEVELOPMENT OF A TECHNOLOGICAL CHAIN FOR A BACKGROUND STREAMFLOW FORECASTING SYSTEM IN RUSSIA Artem Iukhno, Kirill Shemanaev, Larisa Timofeeva
14.55-15.05	SIZING FOR A SPECIAL GROUP OF PEOPLE: BEST PRACTICE OF HUMAN BODY SCANNING Eva Lapkovska, Inga Dāboliņa
15.10-15.25	LOCAL FOOD PROCUREMENT TENDENCIES IN LATVIA Inita Krivašonoka

21.06.2019.

Section 5

Atbrivosanas aleja 115 k-4 (EF), room 111

ENGINEERING SCIENCES AND PRODUCTION TECHNOLOGIES

Chairmans: Svetlana Polukoshko and Lyubomir Lazov

10.30-10.45	EVALUATION OF HEARTROT CAUSED PHELLINUS PINI AND RELATED YIELD LOSS IN PINUS SYLVESTRIS STANDS Ziedonis Miklašēvičs
10.50-11.05	FERROELECTRIC NANOCOMPOSITES WITH GOVERNED INTERFACE ON BASE OF MAGNETIC POROUS GLASSES Aleksandr Naberezhnov, Anna Sysoeva, Olga Alekseeva, Polina Vanina, I. Golosovsky, Bernard Nacke, Alexander Nikanorov
11.10-11.25	ANALYSIS OF LASER PROCESSING OF ARTIFICIAL LEATHER Pāvels Narica, Ruta Laizāne, Antons Pacejs, Silvija Mežinska
11.30-12.00	<i>Coffee-break (1st floor vestibule)</i>
12.00-12.30	<i>Posters</i>
12.30-12.45	EXPERIMENTAL STUDYING OF MECHANICAL-AND- PHYSICAL PROPERTIES OF RUBBER DURING AGEING Svetlana Polukoshko, Andris Martinovs, Edgars Zaicevs
12.50-13.05	SYNERGETIC MODEL OF ELECTRO-FRICTION INTERACTION Igor Plokhov, Alexander Ilyin, Oksana Kozyreva, Igor Savraev, Nikita Kotkov
13.10-13.25	RESEARCH OF LASER MARKING AND ENGRAVING ON BRASS ALLOY 260 Dainis Klavins, Lyubomir Lazov, Antons Pacejs, Ritvars Revalds, Edgars Zaicevs
13.25-14.30	<i>Coffee-break (1st floor vestibule)</i>
14.30-14.45	UNIDIRECTIONAL BRAKING ENERGY RECOVERY SYSTEM FOR ELEVATORS Kaspars Kroics
14.55-15.05	VALORIZED SODA LIGNIN AND ITS POSSIBLE APPLICATION Galia Shulga, Sanita Vitolina, Brigita Neiberte, Jevgenijs Jaunslavietis, Anrijs Verovkins, Jurijs Ozolins, Sandra Livcha, Talrits Betkers
15.10-15.25	STRUCTURE AND MECHANICAL PROPERTIES OF POLYMERIC COMPOSITES WITH CARBON NANOTUBES Konstantin Gusev, Vjaceslavs Gerbreders, Andrejs Ogurcovs, Vladimir Solovyev
15.30-15.45	EFFECT OF CARBON NANOTUBES ON THE ELECTRICAL PROPERTIES OF THE POLYMERIC COMPOSITES Sergey Gango, Konstantin Gusev, Evgeniy Ilin, Mikhail Predtechensky, Vladimir Solovyev, Sergey Trifonov
15.50-16.05	REDUCING RISK FACTORS IN THE WORKPLACE OF THE LASER SYSTEM OPERATOR Pāvels Narica, Inese Martinsons
16.10-16.25	SPECIAL HPERBOLIC TYPE APPROXIMATION FOR SOLVING OF 3-D TWO LAYER STATIONARY DIFFUSION PROBLEM Ilmārs Kangro, Harijs Kalis, Ērika Teirumnieka, Edmunds Teirumnieks
16.30-16.45	METHOD FOR PRELIMINARY ESTIMATION OF THE CRITICAL POWER DENSITY IN LASER TECHNOLOGICAL PROCESSES Lyubomir Lazov, Nikolay Angelov, Edmunds Teirumnieks
16.50-17.05	THE MODEL OF THE CONSTRICTION RESISTANCE OF A SLIDING ELECTRICAL CONTACT Igor Plokhov, Igor Savraev, Alexander Markov, Oksana Kozyreva, Nikita Kotkov, Yulia Domracheva
17.10-17.25	ELECTRIC ENERGY GENERATION IN AUTONOMOUS ENERGY SUPPLY MODULE HAVING ROTARY EXPANSION ENGINE Andrei Khitrov, Alexander Khitrov, Alexander Ilyin, Yulia Domracheva, Dmitriy Fedorov

21.06.2019.

Atbrivosanas aleja 115 k-4 (EF), 1st floor vestibule

POSTERS

Chairman: Pāvels Cacivkins

Janis Murnieks, Dmitrijs Serdjuks, Karina Buka-Vaivade
LOAD-CARRYING CAPACITY INCREASE OF ARCH-TYPE TIMBER ROOF

Inese Virbule, Dmitrijs Serdjuks, Karina Buka-Vaivade
BEHAVIOUR'S ANALYSIS OF LOAD-CARRYING MEMBERS FOR TIMBER
FRAMEWORK BUILDING

**Armands Bušs, Normunds Jēkabsons, Artūrs Šuleiko, Dagnija Loča, Juris
Vanags**
VISUALIZATION APPROACHES FOR STIRRED TANK BIOREACTORS

**Lyubomir Lazov, Edmunds Teirumnieks, Nikolay Angelov, Erika
Teirumnieka**
METHODOLOGY FOR AUTOMATIC DETERMINATION OF CONTRAST OF
LASER MARKING FOR DIFFERENT MATERIALS

Andris Natrins, Lasma Supe, Elina Mikelsona, Andris Sarnovics
INFORMATION TECHNOLOGY COMPETENCY MANAGEMENT IN THE
FINANCIAL SECTOR IN LATVIA

Rasma Tretjakova, Gotfrīds Noviks, Gundars Mežinskis
INVESTIGATION OF STRUCTURE AND COMPOSITION OF CLAY IN LAKES OF
LATGALE FOR PRACTICAL USE

Alina Rekena, Dora Livkisa, Dagnija Loca
FACTORS AFFECTING CHINESE HAMSTER OVARY CELL PROLIFERATION AND
VIABILITY

**Lyubomir Lazov, Nikolay Angelov, Edmunds Teirumnieks, Erika
Teirumnieka**
PRELIMINARY NUMERICAL ANALYSIS FOR THE ROLE OF SPEED ONTO LASER
TECHNOLOGICAL PROCESSES

Inha Ziankova, Alena Lisichonak, Aliksandr Yemialyanau
DEVELOPMENT OF INCLUSIVE SOCIETY WITH THE INSTRUMENTS OF
"GREEN" ECONOMY AND EDUCATION

**Brigita Neiberte, Antons Jablonsky, Galia Shulga, Anrijs Verovkins, Sanita
Vitolina, Julia Brovkina**
COMPARATIVE STUDY OF INDUSTRIAL LIGNOSULFONATES AND SOME
THEIR PROPERTIES

Rasma Tretjakova, Sergejs Kodors, Juris Soms
SPECTRAL IMAGING AND CLAY DETECTION IN LATGALE LAKES

Ivaylo Balchev, Lyubomir Lazov, Edmunds Teirumnieks
PRECISION MICROMACHINING OF METALS BY CUBR LASER

Aneka Klavina, Agris Auce, Ivars Vanadzins, Alise Silova, Linda Dobkevica
EXTRACTION OF BIOLOGICALLY ACTIVE COMPONENTS FROM FRESHWATER
SAPROPEL

12.00-12.30

21.06.2019.

Atbrivosanas aleja 115, room 109

ERASMUS+ KNOWLEDGE ALLIANCE PROJECT „NEW METRO EMBEDDING KETS AND WORK BASED LEARNING INTO MECHATRONIC PROFILE”



Co-funded by the
Erasmus+ Programme
of the European Union

Chairmans: Gilberto Marzano and Andris Martinovs

14.00-16.00	Scientists and stakeholders meeting within ERASMUS+ Knowledge Alliance Project „NEW METRO embeddiNg kEts and Work based learning into MEchaTRONic profile” Nr.600984-EPP-1-2018-1-IT-EPPKA2-SSA
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21.06.2019.

Atbrivosanas aleja 115 k-4 (EF), room 318

EUROPEAN REGIONAL DEVELOPMENT FUND POSTDOCTORAL RESEARCH AID NR.1.1.1.2/16/I/001 RESEARCH APPLICATION "IDENTIFICATION OF BLUE CLAY IN LAKES OF LATGALE REGION AND POSSIBILITIES OF ITS APPLICATION, NR.1.1.1.2/VIAA/1/16/131"



NACIONĀLAIS
ATTĪSTĪBAS
PLĀNS 2020



EIROPAS SAVIENĪBA
Eiropas Reģionālās
attīstības fonds

IEGULDĪJUMS TAVĀ NĀKOTNĒ

Chairmans: Rasma Tretjakova and Gotfrīds Noviks

16.00-17.00	PANEL DISCUSSION „EVALUATION OF POSSIBLE USAGE OF LAKES CLAY IN COSMETOLOGY, MEDICINE OR OTHER FIELDS”
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ERDF co-funded project "Funding of international projects in research and innovation at Rezekne Academy of Technologies" No. 1.1.1.5/18/I/012

NATIONAL
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EUROPEAN UNION
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