

INNOVATIVE (ECO-) TECHNOLOGY, ENTREPRENEURSHIP AND REGIONAL DEVELOPMENT

5th International Conference

INNOVATIVE (ECO-)TECHNOLOGY, ENTREPRENEURSHIP AND REGIONAL DEVELOPMENT

March 26, 2019

(Kauno kolegija / University of Applied Sciences, Pramonės pr. 20, Conference Hall)

KAUNO
KOLEGIJA 



INNOVATIVE (ECO-) TECHNOLOGY, ENTREPRENEURSHIP AND REGIONAL DEVELOPMENT

5th International Conference

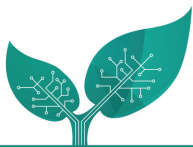
INNOVATIVE (ECO-)TECHNOLOGY, ENTREPRENEURSHIP AND REGIONAL DEVELOPMENT

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PROGRAMME

| | |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 9:00-10:00 | REGISTRATION |
| | PLENARY SESSION <i>MODERATORS – dr. Jurgita Mikašauskaitė, Martynas Pilkis</i> |
| 10:00-10:10 | Welcoming Address and Opening of the Conference <i>Paulius Baltrušaitis, Director of Kauno kolegija / University of Applied Sciences, Lithuania</i> |
| 10:10-10:40 | Smart Development of the Region <i>Prof. dr. Robertas Jucevičius, Kaunas University of Technology, Lithuania</i> |
| 10:40-11:10 | Institutional Framework for Fintech Development: Why Does it Matter? <i>Martynas Pilkis, Chief specialist of Financial Markets Policy Department at Ministry of Finance of the Republic of Lithuania</i> |
| 11:10-11:40 | Solutions to Foster Innovations in a Region. Case of Kaunas City <i>Tadas Stankevičius, Current Acting Director of Kaunas IN (Kaunas Economic Development Agency), Lithuania</i> |
| 11:40-12:15 | Democratizing Knowledge - Science Shops, Knowledge Mobilization, and Broader Impacts <i>Norbert Steinhaus, Coordinator of Bonn Science Shop (WILA Bonn), Germany</i> |
| 12:15-12:30 | Discussions |
| 12:30-13:30 | LUNCH |
| 13:30-15:30 | PARALLEL SESSIONS |
| 15:30-15:45 | COFFEE BREAK |
| 15:45-16:00 | FINAL PLENARY SESSION |

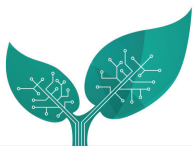


INNOVATIVE (ECO-) TECHNOLOGY, ENTREPRENEURSHIP AND REGIONAL DEVELOPMENT

INFORMATION TECHNOLOGY IN BUSINESS

Chaired by Wilfred Tchasse
Venue: Room 2-52, Pramonės pr. 20

| | |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 13:30-13:45 | E-Sports: Future Trends <i>Edgaras Abromavičius, Kauno kolegija / UAS, Lithuania</i> |
| 13:45-14:00 | The Role of Public Administration in the Development of the Sports Market on the Example of the City of Tychy in Poland <i>Dr. Krzysztof Cieślakowski, AWF Katowice, Poland</i> |
| 14:00-14:15 | How does Accounting Change in E-business Context? <i>Erika Besusparienė, Kauno kolegija / UAS, Lithuania</i> |
| 14:15-14:30 | Automation of Accounting Processes and What the Future Holds <i>Gintarė Petrikauskaitė, Grant Thornton Baltic UAB</i> |
| 14:30-14:45 | Contemporary Trends of Development of Banking Market in Ukraine <i>Dr. Anna Zadorozhna, Ivan Franko National University of Lviv, Ukraine</i> |
| 14:45-15:00 | Global Goals as Driver for Start-ups and Entrepreneurs <i>Rob De With, AT Work Solutions / Sustainability in Action, Netherlands</i> |
| 15:00-15:30 | Discussions |

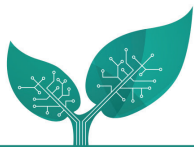


INNOVATIVE (ECO-) TECHNOLOGY, ENTREPRENEURSHIP AND REGIONAL DEVELOPMENT

NEW PRODUCT DEVELOPMENT: ART, DESIGN AND ENTREPRENEURSHIP

Chaired by dr. Inga Valentiniienė
Venue: Room 407, Pramonės pr. 22A

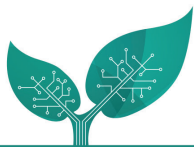
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| 13:30-13:45 | Background of the Drawings: From an Idea to a Work of Art <i>Peeter Krosmann, Tartu Art School, Estonia</i> |
| 13:45-14:00 | Light Installation <i>Vlasta Čobal Sedmak, College for Wood and Design - Wood Technology School Maribor, Slovenia</i> |
| 14:00-14:15 | World Experience of Design as a Value-semantic and Socio-technological Element in Modern Culture <i>Dr. Zhanerke Imanbayeva, International Educational Corporation (campus KazGASA), Kazakhstan</i> |
| 14:15-14:30 | Light Installation From Wood: From Design to a Promotional Poster (poster presentation) <i>Igor Hovnik, College for Wood and Design - Wood Technology School Maribor, Slovenia</i> |
| 14:30-14:45 | Training of High-level Professionals for Wood and Furniture Industry <i>Giedrius Pilkis, Kauno kolegija / UAS, Lithuania</i> |
| 14:45-15:00 | Wooden Products: Idea, Production and Promotion. Case of the International Project Lucity <i>Andreja Peserl, College for Wood and Design - Wood Technology School Maribor, Slovenia</i> |
| 15:00-15:15 | Improving Product and Process Design Through Systematic Innovation Using TRIZ <i>Dr. Diana Barragan-Ferrer, dr. Jesus-Manuel Barragan-Ferrer, Kauno kolegija / UAS, Lithuania</i> |
| 15:15-15:30 | Artist and Entrepreneurship: How Creativity Helps in Business <i>Raimonda Akulavičė, UAB Eurobiuras, Lithuania</i> |



BIOECONOMY AND MEASUREMENT ENGINEERING (session in Lithuanian)

Chaired by dr. Donatas Rekus
Venue: Conference Hall, Pramonės pr. 20

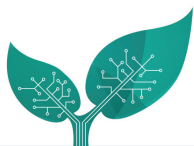
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| 13:30-13:45 | Lietuvos privataus miško ūkio dabartis ir perspektyvos // Present and Perspectives of Lithuanian Private Forestry <i>Dr. Algis Gaižutis, Forest Owners Association of Lithuania, Lithuania</i> |
| 13:45-14:00 | Biomosės gamybos sektorių vystymosi tendencijos ir santykinė specializacija Lietuvos regionuose // Development of the Trends of Biomass Production Sectors and Relative Specialization in Lithuanian Regions <i>Dr. Daiva Makutėnienė, Kauno kolegija / UAS, Lithuania; dr. Valdemaras Makutėnas, Agriculture Academy of Vytautas Magnus University, Lithuania</i> |
| 14:00-14:15 | Medienos atliekų panaudojimas biokurui VĮ Valstybinių miškų urėdijos Šiaurės regioniniame padalinyje // Use of Wood Waste for Biofuel at Šiaurės Regional Branch of the State Forest Enterprise <i>Sigita Karosienė, Šiaurės State College, Lithuania</i> |
| 14:15-14:30 | Skaitmeninių technologijų taikymas sprendžiant nekilnojamojo daiktų kadastro duomenų nustatymo (patikslinimo) problemas // Application of Digital Technologies for Solving Problems in Identification (Revision) of Immovable Property Cadastre Data <i>Aurelijus Živatkauskas, Kauno kolegija / UAS, Lithuania</i> |
| 14:30-14:45 | Daugiabučių pastatų renovacijos teritoriniai ypatumai // Territorial Peculiarities of Renovation of Multi-apartment Buildings <i>Gintarė Bunevičienė, Kauno kolegija / UAS, Lithuania</i> |
| 14:45-15:00 | Aukščių matavimo technologijų tobulinimas geodezijoje // Improvement of Height Measurement Technologies in Geodesy <i>Dr. Donatas Rekus, Kauno kolegija / UAS, Lithuania</i> |
| 15:00-15:10 | Debesų technologija: Žemės stebėjimo duomenys Lietuvos teritorijai // Cloud Technology: Earth Observation Data for the Territory of Lithuania <i>Ilona Urbanavičienė, Kauno kolegija / UAS, Lithuania</i> |
| 15:10-15:20 | Lietuvos Respublikos teritorijos sienų raida ir teisinis reglamentavimas // Development of the Borders of the Republic of Lithuania and Legal Framework <i>Valdas Urbanavičius, Kauno kolegija / UAS, Lithuania</i> |
| 15:20-15:30 | Paprastosios pušies (<i>Pinus Sylvestris</i> L.) kilmės identifikavimas nuotoliniais tyrimais // Identification of Pine (<i>Pinus Sylvestris</i> L.) Origin by Remote Research <i>Dr. Vytautė Juodkienė, Kauno kolegija / UAS, Lithuania</i> |



LANDSCAPE DESIGN AND GREENERY (session in Lithuanian)

Chaired by Donatas Klimavičius
Venue: Room 2-12, Pramonės pr. 22

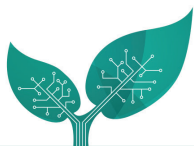
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| 13:30-13:45 | Kaukazo floros augalai Lietuvos kaimo gėlynuose // Caucasian Flora Plants in Lithuanian Countryside Flower Parterres <i>Dr. Vilija Snieškienė, Kaunas Botanical Garden of Vytautas Magnus University and Kauno kolegija / UASc, Lithuania; dr. Stasė Dapkūnienė, Plant Gene Bank, Ministry of Environment of the Republic of Lithuania and Botanical Garden of Vilnius University</i> |
| 13:45-14:00 | Obelių veislių tyrimas integruotų metodų pagrindu // Research of Apple-tree Species on the Basis of Integrated Methods <i>Donatas Klimavičius, Kauno kolegija / UAS, Lithuania</i> |
| 14:00-14:15 | Traditional Old Flower Garden Plants on the Lithuanian-Polish Border (poster presentation) <i>Dr. Stasė Dapkūnienė, Plant Gene Bank, Ministry of Environment of the Republic of Lithuania and Botanical Garden of Vilnius University, Lithuania; dr. Vilija Snieškienė, Kaunas Botanical Garden of Vytautas Magnus University, Lithuania</i> |
| 14:15-14:30 | „Artemisia pontica“ L. introdukcija VDU Botanikos sodo, Vaistinių augalų mokslo sektoriaus ilgamečiuose lauko bandymuose // Introduction of Artemisia pontica L. in Long-term Field Experiments of Pharmaceutical Plant Science Sector of VMU Botanical Garden (poster presentation) <i>Sandra Saunoriūtė, Kaunas Botanical Garden of Vytautas Magnus University, Lithuania</i> |
| 14:30-14:45 | Nauji medžių ligų sukėlėjai ir kenkėjai rekreaciniuose želdiniuose // New Tree Pathogens and Pests in Recreational Greenery (poster presentation) <i>Dr. Antanina Stankevičienė, Kaunas Botanical Garden of Vytautas Magnus University, Lithuania</i> |
| 14:45-15:00 | Nauji dekoratyvinių augalų ligų sukėlėjai ir kenkėjai oranžerijoje // New Pathogens for Ornamental Plant Diseases and Pests in the Orangery (poster presentation) <i>Dr. Antanina Stankevičienė, Kaunas Botanical Garden of Vytautas Magnus University, Lithuania</i> |
| 15:00-15:15 | Naujai sodinamų želdynuose kaštonų (Aesculus spp.) būklė // State of Newly Planted Chestnuts (Aesculus spp.) in Green Areas (poster presentation) <i>Dr. Antanina Stankevičienė, Kaunas Botanical Garden of Vytautas Magnus University, Lithuania</i> |
| 15:15-15:30 | Kauno kolegijos Technologijų fakulteto aplinkos želdinių būklės stebėseną // Monitoring of the State of Greenery in the Faculty of Technologies of Kauno kolegija / UAS <i>Irena Tulabienė, Kauno kolegija / UAS, Lithuania</i> |



AGRO-INNOVATIONS AND FOOD TECHNOLOGIES

Chaired by dr. Daiva Ribikauskienė
Venue: Room 2-23, Pramonės pr. 22

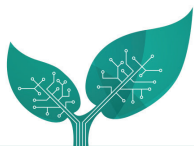
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| 13:30-13:45 | Changes in Meat Consumption Trends <i>Irina Koscelkovskienė, Kauno kolegija / UAS, Lithuania</i> |
| 13:45-14:00 | Pig Market Trends and Carcass Evaluation in Lithuania <i>Inga Pupelienė, Kauno kolegija / UAS, Lithuania</i> |
| 14:00-14:15 | Renewal of Pig Carcass Classification System <i>Dr. Daiva Ribikauskienė, Kauno kolegija / UAS, Lithuania</i> |
| 14:15-14:30 | Optimization of Recipe Composition of the Bakery Product of Increased Nutrition Value <i>Vilija Karbauskienė, Kauno kolegija / UAS, Lithuania; Anastasiya Kuchar, Yanka Kupala State University of Grodno, Belarus</i> |
| 14:30-14:45 | Non-invasive Nutritional Assessment Methods <i>Dr. Natallia Bashun, Natallia Chuhai, Yanka Kupala State University of Grodno, Belarus</i> |
| 14:45-15:00 | Cheese Crisps with Nigella Seeds: Consumer Perception and Cholesterol-lowering Ability <i>Dr. Ernesta Trečiokienė, dr. Rasa Volskienė, Kauno kolegija / UAS, Lithuania</i> |
| 15:00-15:15 | Choice of Consumers in Local Food Products: Example of Latvia and Lithuania <i>Dr. Lienite Litavniece, Inese Silicka, Iveta Dembovska, Rezekne Academy of Technologies, Latvia; Nijolė Janina Vasiliauskienė, Kauno kolegija / UAS, Lithuania</i> |
| 15:15-15:30 | Application of Activated Photosynthesis Technology into the Research of Nutritional Properties of the Germinated Seeds (poster presentation) <i>Ina Živatkauskienė, dr. Dovilė Levickienė, Kauno kolegija / UAS, Lithuania</i> |



IT IN HEALTH CARE AND SOCIAL WELL-BEING

Chaired by dr. Rasa Tamulienė
Venue: Room 409, Pramonės pr. 22A

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| 13:30-13:45 | Challenges of Civil Society Organizations and Higher Education Institutions in Community-based Research <i>Dr. Gražina Strazdienė, Vilnius College of Technologies and Design, Lithuania</i> |
| 13:45-14:00 | Implementation of Workplace Health and Wellness Programmes: From Theory to Practice <i>Dr. Rasa Tamulienė, Kauno kolegija / UAS, Lithuania</i> |
| 14:00-14:15 | Comparison of Various Data Mining Classifier Techniques to Develop Healthcare Decision-making Tools <i>Dr. Jesus Manuel Barragan Ferrer, dr. Diana Barragan Ferrer, Kauno kolegija / UAS, Lithuania</i> |
| 14:15-14:30 | Idea Mapping as a Measure for Health Enhancing Physical Activity (HEPA) <i>Dr. Viktorija Piščalkienė, dr. Lijana Navickienė, Vaida Borkertienė, Donatas Misiūnas, Kauno kolegija / UAS, Lithuania</i> |
| 14:30-14:45 | Home Care Nursing in Belgium <i>Dennis Demedts, Elke Moortgat, Erasmushogeschool Brussel, Belgium</i> |
| 14:45-15:00 | Results on the Implementation of Inertial Sensors in the Teaching of Manual Therapy <i>Dr. Manuel Gonzalez-Sanchez, University of Malaga, Spain</i> |
| 15:00-15:15 | The Most Common Complications after Knee Replacement Surgery and Relation with Pre-existing Comorbidities (poster presentation) <i>Santa Mikele, Riga 1st Medical College, Latvia</i> |
| 15:15-15:30 | Healthy Nutrition of People Suffering From Cardiac Disease (e-poster presentation) <i>Dr. Tuğba Yardimci Gürel, Sinop University, Turkey</i> |



LANGUAGE TEACHING AND COMMUNICATION TECHNOLOGIES

Chaired by Jolanta Bareikienė
Venue: Room 403, Pramonės pr. 22A

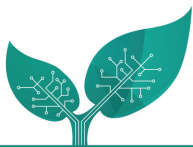
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| 13:30-13:50 | Innovative Technologies in Language Teaching <i>Vaida Misevičiūtė, Kauno kolegija / UAS, Lithuania</i> |
| 13:50-14:10 | Lithuanian Ethnic Portrait in English: Difficulties Encountered by Translators <i>dr. Rima Jasnauskaitė, Gita Obolevičiūtė, Kauno kolegija / UAS, Lithuania</i> |
| 14:10-14:30 | The Use of Interactive Digital Content Platform in Language Studies <i>Renata Sedlīorienė, Ieva Brazauskaitė-Zubavičienė, Kauno kolegija / UAS, Lithuania</i> |
| 14:30-14:50 | A Modern Way to Learn Foreign Languages: the Most (un)Popular Mobile Language Learning Applications <i>Asta Pukienė, Kauno kolegija / UAS, Lithuania</i> |
| 14:50-15:10 | The Scope of the Meaning of International Words and Ways of Rendering it in Lithuanian <i>Gemma Navickienė, Kauno kolegija / UAS, Lithuania</i> |
| 15:10-15:30 | Discussions |



IT AND FUTURE DEVELOPMENTS

Chaired by dr. Giedrius Gecevičius
Venue: Room 406, Pramonės pr. 22A

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| 13:30-13:45 | The Importance of Intelligences in Engineering Studies: Comparative Analysis (poster presentation) <i>Rasa Muleravičienė, Kauno kolegija / UAS, Lithuania; Dovilė Martišienė, Kaunas Technical College, Lithuania</i> |
| 13:45-14:00 | Video-based Motion Analysis in Lectures on Physics <i>Skirmantė Vardauskaitė, Kauno kolegija / UAS, Lithuania</i> |
| 14:00-14:15 | Drone Stadium Interactive System <i>Dr. Vidmantas Rimavičius, Petras Barčkus, Kauno kolegija / UAS, Lithuania; dr. Dangis Rimkus, Kauno kolegija / UAS, Kaunas University of Technology, Lithuania</i> |
| 14:15-14:30 | Unauthorized Access Point (Rogue AP) in Wireless Network Control System <i>Saulius Juškevičius, Kaunas University of Technology, Lithuania; dr. Dangis Rimkus, Kauno kolegija / UAS, Kaunas University of Technology, Lithuania</i> |
| 14:30-14:45 | Advanced Wind Power Prediction Based on Hybrid Approach: Case Study of Lithuania <i>Dr. Giedrius Gecevičius, Kauno kolegija / UAS, Lithuania</i> |
| 14:45-15:00 | Digital Workforce on the Example of the Wizlink Utility Software <i>Dr. Luis Ochoa Siguencia, The Academy of Physical Education in Katowice, Poland</i> |
| 15:00-15:30 | Discussions |



INFORMATION TECHNOLOGIES IN MATHEMATICS (session in Lithuanian)

Chaired by Janina Morkūnienė
Venue: Room 2-33, Pramonės pr. 22

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|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 13:30-13:50 | Programinių priemonių Mathcad, Octave naudojimo galimybės ir privalumai matematikos modulyje // Usability and Benefits of Mathcad and Octave Software in the Module of Mathematics <i>Dr. Aušra Žvironienė, Kauno kolegija / UAS, Lithuania</i> |
| 13:50-14:10 | Matematikos dalyko studijos Vilniaus kolegijoje studentų požiūriu // Students' Attitude Towards Studying Mathematics at Vilniaus kolegija / UAS <i>Jolita Vasaitienė, Jelena Daukševič, Vilniaus kolegija / UAS, Lithuania</i> |
| 14:10-14:30 | E-mokymosi proceso įgyvendinimo būdai, siekiant gerinti matematikos mokymą(si) // Techniques for Implementing E-learning Process in Order to Improve Teaching and Learning of Mathematics <i>Milda Ilčiukienė, Kauno kolegija / UAS, Lithuania</i> |
| 14:30-14:50 | Informacinių technologijų taikymas matematikos studijų dalyko savarankiškuose darbuose // Application of IT in the Self-study Projects of the Course in Mathematics <i>Dr. Zita Baužienė, Janina Morkūnienė, Kauno kolegija / UAS, Lithuania</i> |
| 14:50-15:10 | Rymano hipotezė ir milijonas dolerių // Riemann Hypothesis and a Million Dollars <i>Dr. Audronė Rimkevičienė, Šiauliai State College, Lithuania</i> |
| 15:10-15:30 | Discussions |