KAUNO KOLEGIJA
University of Applied Sciences

3rd International Conference

INNOVATIVE (ECO-) TECHNOLOGY, ENTREPRENEURSHIP AND REGIONAL DEVELOPMENT

PROGRAMME

APRIL 4, 2017

KAUNAS,
LITHUANIA

PROGRAMME

April 4, 2017
(Kauno Kolegija / University of Applied Sciences, Pramones av. 20, Conference hall)

09.00 – 10.00	**REGISTRATION**
	PLENARY SESSION *Moderators – dr. Donatas Rekus, dr. Romutė Mikučionienė*
10.00 – 10.10	**Opening of the Conference** *Dr. Mindaugas Misiūnas, Director of Kauno Kolegija / University of Applied Sciences* *Simonas Kairys, Kaunas vice mayor*
10.10 – 10.40	**The Goals of Creation: the Fight behind Creativity and Technology** *Antonio Wolfgang Bechtle, freelance advertiser, Lithuania*
10.40 – 11.10	**Digital Health: Big Data and IoT in Healthcare** *Dr. Refael Barkan, Holon Institute of Technology, Israel*
11.10 – 11.40	**Design of Innovative Groundwater Treatment Materials for Use in Rural Households** *Dr. Wilson Mugera Gitari, University of Venda, Republic of South Africa*
11.40 – 12.10	**International Financial Institutions: How They Can Contribute to the Transition to Clean Energy** *Prof. dr. Hilmar Þór Hilmarsson, University of Akureyri, School of Business and Science, Iceland*
12.10 – 12.30	**Discussions**
12.30 – 13.30	**LUNCH**
13.30 – 15.30	**PAPER SESSION**
15.30 – 15.45	**COFFEE BREAK**
15.45 – 16.00	**FINAL PLENARY SESSION**

SECTION I

(AGRO)TECHNOLOGICAL INNOVATIONS IN GREENERY AND ENVIRONMENTAL ENGINEERING

Moderator – Evaldas Serva
Venue: Conference hall, Pramones av. 20.

1.	**Monitoring of Greenery of the Technology Faculty of Kauno Kolegija** *Irena Tulabienė (Kauno Kolegija / University of Applied Sciences, Lithuania)*
2.	**Methodology of Micro Fungi Extraction from Rhizosphere** *Dr. Antanina Stankevičienė (Kaunas Botanical Garden of Vytautas Magnus University, Lithuania)*
3.	**Impact of the Rootstock B.396 on the Growth and Yield for Various Apple-tree Species** *Donatas Klimavičius, Nijolė Jurkšaitienė, Daiva Klimavičienė (Kauno Kolegija / University of Applied Sciences, Lithuania)*
4.	**Studies of Seasonal Development and Radial Increment of White (*Morus alba L*) and Black (*Morus nigra L*) Mulberries** *Edita Jakubauskaitė (Botanical Garden of Vilnius University, Lithuania)*
5.	**Influence of Seedspor, Hansebac and Hansespor Active Substances on the Growth of Scots Pine Seedlings (*Pinus silvestris*) in Forest Nurseries** *Dr. Gerda Šilingienė, dr. Regina Vasinauskienė (Aleksandras Stulginskis University, Lithuania)*
6.	**State of Trees in Urban Greenery in the First Year After Planting** *Dr. Antanina Stankevičienė (Kaunas Botanical Garden of Vytautas Magnus University), Albinas Krugliakovas, (Vytautas Magnus University, Lithuania)*
7.	**State of Echinacea (*Echinacea* spp.) in Kaunas Botanical Garden of Vytautas Magnus University** *Dr. Vilija Snieškienė, Indrė Lukšytė (Kaunas Botanical Garden of Vytautas Magnus University, Lithuania)*
8.	**Good Practice and its Dissemination in Lithuania of Soil Testing Resources Applying the International WRB-2015 Classification** *Dr. Romutė Mikučionienė (Kauno Kolegija / University of Applied Sciences, Lithuania)*
9.	**Nitrogen Pollution: Application of Biotechnologies for Improvement of Drainage Water Quality** *Ina Živatkauskienė (Kauno Kolegija / University of Applied Sciences, Lithuania)*
10.	**Assessment of Hybrid Wind-pv System for Power Generation in Urban Areas: Lithuanian Case Study** *Giedrius Gecevičius (Kauno Kolegija / University of Applied Sciences, Lithuania)*

SECTION II

INNOVATIVE SOLUTIONS FOR LANDSCAPE ARCHITECTURE AND URBAN DEVELOPMENT

Moderator – dr. Donatas Rekus
Venue: Room 408, Pramones av.22A

1.	**Lithuanian Folk Cosmology in Design of Peasant's Wooden Residential Houses** *Dr. Romualdas Misius (Kauno Kolegija / University of Applied Sciences, Lithuania)*
2.	**Transformations of Rural Areas in North-Eastern Poland** *Dr. Marek Ogryzek, dr. Krzysztof Rząsa (University of Warmia and Mazury in Olsztyn, Poland)*
3.	**Concept of Autonomous Passive House District** *Mateusz Ciski (University of Warmia and Mazury in Olsztyn, Poland)*
4.	**Solutions to Overcome Differences in Height in Construction** *Inesė Kubiliūtė (Kauno Kolegija / University of Applied Sciences, Lithuania)*
5.	**World Experience of Revitalization of Post-industrial Towns** *Dr. Olga Sych (Ivan Franko National University of Lviv, Ukraine)*
6.	**Formation and Application of Black Porous Silicon for Renewable Energy** *Dr. Renata Gudaitienė (Kauno Kolegija / University of Applied Sciences, Lithuania)*
7.	**Large Hydro Power Plant Hydro Peaking Phenomenon** *Linas Šilinis (Aleksandras Stulginskis University, Lithuania)*
8.	**Cork Forest and Amorim – Sustainable Development** *Aurelijus Buivydas (Amorim & Irmaos, Lithuania – Portugal)*
9.	**Adjustment of State Forest Quarter Network and Geo-spatial Objects** *Aurelijus Živatkauskas (Kauno Kolegija / University of Applied Sciences, Lithuania)*
10.	**Noise Analysis of Vehicle Traffic** *Dr. Ina Bikuvienė (Kauno Kolegija / University of Applied Sciences, Lithuania)*
11.	**Territorial Planning System in Lithuania (*Poster Presentation*)** *Daiva Juknelienė, dr. Jolanta Valčiukienė, Virginija Atkocevičienė (Aleksandras Stulginskis University, Lithuania)*

SECTION III

INNOVATIVE SOLUTIONS IN FOOD PRODUCTION AND EDUCATION OF HEALTHY NUTRITION

Moderator – dr. Vaclovas Makūnas
Venue: Room 112, Pramones av. 22

1.	**Bioethics and Technology in the 21st Century** *Dr. Guy Yoskovitz (Holon Institute of Technology, Israel)*
2.	**Automated System for Tea Preparation** *Dr. Dangis Rimkus (Kauno Kolegija / University of Applied Sciences, Lithuania)*
3.	**Innovative Technologies of Culinary (Aromatic) Plant Cultivation and Preparation of Raw Materials of Medicinal Herbs** *Dr. Ona Ragažinskienė (Kaunas Botanical Garden of Vytautas Magnus University, Lithuania)*
4.	**Antioxidant Compounds and Antioxidant Activity of White Mulberry Leaves** *Dovilė Levickienė (Kauno Kolegija / University of Applied Sciences, Aleksandras Stulginskis University, Lithuania); prof. dr. Elvyra Jarienė (Aleksandras Stulginskis University, Lithuania)*
5.	**Trends of Wine Production from Non-traditional Raw materials in Lithuania** *Dr. Aušra Šimonėlienė (Kauno Kolegija / University of Applied Sciences, Lithuania)*
6.	**Characteristics of the Most Popular Beef Cattle Breeds and Survey on their Meat Quality Indices** *Jolanta Margelienė, Aušra Budrienė, Irina Koscelkovskienė (Kauno Kolegija / University of Applied Sciences, Lithuania)*
7.	**Use of Natural Food Fibres in Nutrition** *Nijolė Janina Vasiliauskienė, dr. Aušra Steponavičienė (Kauno Kolegija / University of Applied Sciences, Lithuania); Lina Saldukaitė (UAB Liūtukas ir Ko, Lithuania)*
8.	**Health Promoting Nourishment Using Milk Protein Powder** *Edita Kurtkuvienė (Kauno Kolegija / University of Applied Sciences, Lithuania);* *Vaida Zubraitė (Agricultural company Pienas LT, Lithuania)*
9.	**Assessment of Eating (Nutrition) Peculiarities of Higher School Students** *Vilija Karbauskienė (Kauno Kolegija / University of Applied Sciences, Lithuania);* *dr. Natallia Bashun , Natallia Chuhai (Yanka Kupala State University of Grodno, Belarus).*
10.	**Treatment Innovations for Pediatric Obesity and Overweight** *Dr. Rūta Petereit (Kauno Kolegija / University of Applied Sciences, Lithuania)*
11.	**Installation of Food Safety Management Systems in Public Catering** *Dr. Aušra Steponavičienė (Kauno Kolegija / University of Applied Sciences, Lithuania);* *Eglė Lukaševičienė (UAB Rukola, Lithuania)*

SECTION IV

INNOVATIVE TECHNOLOGIES AND ECONOMICAL GROWTH

Moderator – Giedrius Pilkis
Venue: Room 407, Pramones av. 22A

1.	**A Knowledge Management Framework for Design Thinking Processs** *Dr. Jesus Manuel Barragan Ferrer (Kauno Kolegija / University of Applied Sciences, Lithuania); dr. Guillermo Cortes-Robles (Orizaba Institute of Technology, Mexico), dr. Rene Lopez-Flores (Autonomous University of Yucatán, Mexico)*
2.	**Research and Development as Driver of Entrepreneurial Activity** *Dr. Goran Avlijaš (Singidunum University, Serbia)*
3.	**To Patent or not to Patent: Which Way Forward** *Dr. Jabulani Ray Gumbo (University of Venda, Republic of South Africa)*
4.	**Cooperation of Small, Medium (SME's) and Large Enterprises in the Context of Open Innovation** *Prof. dr. Robert Stanislawski, Grzegorz Szymanski (Technical University of Lodz, Poland)*
5.	**Marketing Assets of the Higher Educational Institution-important Aspects of Management** *Dr. Margarita Dancheva (MT&M College, Bulgaria)*
6.	**Eco-innovation as the Determinant of Socio-economic Development on the Example of the Swedish Economy** *Joanna Prystrom (University of Bialystok, Poland)*
7.	**The Main Sources of Innovation Funding in Poland** *Dr. Katarzyna Wierzbicka (University of Bialystok, Poland)*
8.	**Rankings and Indicators for Business Development. Case of Baltic States** *Agita Livina (Vidzeme University of Applied Sciences, Latvia)*
9.	**Comparative Characteristics of Insurance Markets in Ukraine and Baltic Countries** *Dr. Ivanna Myshchyshyn (Ivan Franko National University of Lviv, Ukraine)*
10.	**TNCs in Contemporary International Business** *Dr. Andriy Pekhnyk (Lviv Ivan Franko National University, Ukraine)*

SECTION V

INFORMATION AND COMMUNICATION TECHNOLOGIES TO EDUCATE PROFESSIONALS

Moderator – dr. Viktorija Piščalkienė
Venue: Room 406, Pramones av. 22A

1.	**Shaping of Teaching (Learning) Space in the 21st Century: Schools and Kindergartens' Environment (*Poster Presentation*)** *Dr. Jurga Kučinskienė, Vida Gerikienė (Klaipėda State University of Applied Sciences, Lithuania)*
2.	**SCALE-UP Type Classroom and Educational Model** *Dalė Lukšaitė (Kauno Kolegija / University of Applied Sciences, Lithuania)*
3.	**Simulation of Linear Electronic Circuits Using Cloud Computing** *Juozas Dainauskas (Kauno Kolegija / University of Applied Sciences, Lithuania)*
4.	**Research on External Characteristics of Electrical Machinery** *Dr. Jovita Danielytė, Rolandas Muleravičius (Kauno Kolegija / University of Applied Sciences, Lithuania); Rasa Muleravičienė (Kauno Kolegija/University of Applied Sciences, Lithuania; Technical College of Kaunas, Lithuania)*
5.	**Variety of Choices in Computer Programmes for Greenery Design** *Jovita Jankienė (Kauno kolegija/University of Applied Sciences, Lithuania)*
6.	**Career Integration: Global Practices** *Gemma Navickienė (Kauno Kolegija / University of Applied Sciences, Lithuania)*
7.	**Alternatives in Modelling Professional Career** *Dr. Rima Jasnauskaitė (Kauno Kolegija / University of Applied Sciences, Lithuania)*
8.	**Pedagogues' Project Activities Used to Prevent Social Problems in a School of General Education** *Nerijus Leikus (Kauno Kolegija / University of Applied Sciences, Lithuania)*
9.	**Development of Integrated Competences Through Informal Volunteering Activity** *Dr. Eglė Stasiūnaitienė, dr. Lijana Navickienė (Kauno Kolegija / University of Applied Sciences, Lithuania)*