

**INTERNATIONAL SCIENTIFIC-PRACTICAL CONFERENCE**  
**SUSTAINABLE ENVIRONMENTAL DEVELOPMENT: INNOVATIVE TECHNOLOGIES**  
**PROGRAMME**  
**23 September, 2021**

**REGISTRATION (Entrance hall) 10:00-10:30**

**PLENARY SESSION (room 141)**

***Click here to join the Plenary Session***

**Moderator: Sigutė Ežerskienė**

<b>Time</b>	<b>Presentation title</b>	<b>Authors</b>
10:30	<i>OPENING</i>	Gražina Markvaldienė / Klaipeda State University of Applied Sciences (Lithuania)
10:40	CLIMATE CHANGE AND SUSTAINABLE ENGINEERED TIMBER, IMPLEMENTATION IN EU HEI AND INOVATIVE INTEGRATION WITH PROJECT BASED LEARNING EDUCATION METHODOLOGY	Dr. Roger Howard Taylor, Vijoleta Šulcienė /VIA University College (Denmark)
10:55	KOKIŲ KOMPETENCIJŲ REIKĖS NAUJAI Į SKAITMENINIŲ SVEIKATOS PRIEŽIŪROS TECHNOLOGIJŲ ERĄ ŽENGIANTIEMS SVEIKATOS PRIEŽIŪROS SPECIALISTAMS?	Gintaras Kučinskas, dr. Asta Mažionienė, dr. Jurgita Andruškienė /Klaipeda State University of Applied Sciences (Lithuania)
11:10	INNOVATION-BASED DANCER SOLUTIONS FOR GREEN PUBLIC TRANSPORT	Viktorija Jakubauskytė-Andriulienė / “Vėjo projektai“, Ltd
<b>11:30</b>	<b>BREAK</b>	

**POSTER SESSION**

Posters are inspected during the break. Please submit questions to the authors directly and / or online.

***Click here to join the Poster Session***

<b>Time</b>	<b>Presentation title</b>	<b>Authors</b>
11:30-12:00	ŽINIŲ VALDYMO MODELIS SVEIKATOS TECHNOLOGIJŲ IR BIOTECHNOLOGIJŲ ATVIRŲJŲ INOVACIJŲ EKOSISTEMOJE / KNOWLEDGE MANAGEMENT MODEL IN THE HEALTH TECHNOLOGIES AND BIOTECHNOLOGIES OPEN INNOVATION ECOSYSTEM	Dr, Assoc Professor Jurga Kučinskienė, Dainius Urbanavičius, Nijolė Galdikienė, Eglė Brezgytė / Klaipeda State University of Applied Sciences
	PLASTER ADDED WITH PLASTIC CABLE WASTE AS A NEW TRADITIONAL SUSTAINABLE MATERIAL	Assist prof. Ph.D. Alejandra Vidales Barriguete , Carolina Piña Ramírez, Patricia Aguilera Benito, Mercedes del Río Merino /Universidad Politécnica De Madrid
	KLAIPĖDOS MIESTO SENAMIESČIO OBJEKTŲ SKAITMENINIMAS TAIKANT NUOTOLINES MATAVIMO TECHNOLOGIJAS	Birutė Ruzgienė, Lina Kuklienė, Indrius Kuklys, Dainora Jankauskienė / Klaipeda State University of Applied Sciences

Posters are inspected during break. Please submit questions to the authors directly and / or online.

## HEALTH INNOVATIONS / PARALLEL SESSION I (room 141)

[Click here to join the Parallel Session I \(Health Innovations\)](#)

**Moderators:** Dr, Assoc Professor Gražina Šniepienė and Dr, Assoc Professor Rita Jankauskienė

**Regulations:** presentation – 15 min, discussion – 5 min

Time	Presentation title	Authors
12:00	ECO-INNOVATIVE COSMETICS: CONSUMER BEHAVIOR REGARDING SUSTAINABILITY AND HUMAN SAFETY EKOLOGIŠKAI NOVATORIŠKA KOSMETIKA: VARTOTOJŲ ELGSENA TVARUMO IR ŽMONIŲ SAUGUMO POŽIŪRIU	Dr, Assoc Professor Grazina Sniepiene, Dr, Assoc Professor Jankauskiene/ Klaipėda State University of Applied Sciences, Klaipeda University
12:20	THE IMPACT OF PELVIS WEIGHT REMOVAL TO THE POSTURE CORRECTING BY SITTING UP	Asta Norbutaite / Klaipėda State University of Applied Sciences
12:40	INOVATYVIŲ PUSIAUSVYROS METODŲ TAIKYMAS KINEZITEAPIJOJE	Jurgita Boltutiene, / Klaipėda State University of Applied Sciences
13:00	TABOOS IN DENTISTRY OF NEPAL	Dr. Sarada Pyakurel , /Kantipur Dental College Teaching Hospital and Research Center
13:20	BLOOD FLOW RESTRICTION TRAINING- INNOVATIVE AND VALUABLE TOOL IN MUSCULOSKELETAL REHABILITATION	Daiva Lenciauskiene , /Klaipėda State University of Applied Sciences
13:40	BENEFITS OF TAI CHI EXERCISES FOR DIFFERENT ASPECTS OF HEALTH	Roberta Bikuliciene /Klaipeda State University of Applied Sciences
14:00	DEFORESTATION AND EMERGENCE OF MALARIA: A DISEASE OF PUBLIC HEALTH IMPORTANCE	B.Sc. Tech., M.Sc. Lemy Emmanuel Ede, /Leethorax Consults Laboratory
14:20	APPLICATION OF INNOVATIONS IN DENTAL HYGIENE: MOBILE APPLICATION FOR DENTAL HYGIENE PATIENTS	Dr, Assoc Professor Evelina Daugėlienė / Klaipeda State University of Applied Sciences
<b>14:40</b>	<b>CLOSING REMARKS</b>	<b>Dr, Assoc Prof. Gražina Šniepienė and Dr, Assoc Prof. Rita Jankauskienė</b>

## FOOD TECHNOLOGIES AND NUTRITION / PARALLEL SESSION II (room 139)

[Click here to join the Parallel Session II \(Food Technologies and Nutrition\)](#)

**Moderator:** Sigutė Ežerskienė

**Regulations:** presentation – 10 min, discussion – 5 min

Time	Presentation title	Authors
12:00	APPLICATION OF BIOLOGICAL METHODS TO REDUCE THE IMMUNOGENICITY OF GLUTEN IN WHEAT PRODUCTS	Vijolė Bradauskienė, Elena Moščenkova / Klaipeda State University of Applied Sciences
12:15	AQUAPONIC PRODUCTION TRENDS AND CHALLENGES	Dr, Assoc Professor Viktoras Liorančas, / Klaipeda State University of Applied Sciences
12:30	MEDICINAL - PHYTONCIDE PLANTS: ALTERNATIVE ECOLOGICAL PROTECTION AGAINST PESTS	Dr, Professor Asta Klimienė, Mr. Ramutis Klimas/ Klaipeda State University of Applied Sciences, Klaipeda University
12:45	NUTRISCORE ASSESSMENT OF THE CATERING PRODUCTS	PhD, Assoc Professor Iuliana VINTILA , /University "Dunărea de Jos " Galați
13:00	ARTIFICIAL INTELLIGENCE: AN ALLY IN THE FIGHT AGAINST FOOD WASTE	Bruna Silva, Carolina Abrantes, Eva Luz, Diana Ferreira, Joana Oliveira, João Lima/Coimbra Health School - Instituto Politécnico de Coimbra

13:15	CARBON FOOTPRINT AND NUTRITIONAL IMPACT OF FOOD WASTE IN UNIVERSITY MEALS: ASSESSMENT AS AN OPPORTUNITY OF CIVIC EDUCATION	PhD, Invited Adjunct Professor João Lima /Coimbra Health School
13:30	EFFECT OF THE USE OF MILK POWDER AS A THICKENER ON THE PROPERTIES OF YOGHURT	Dr, Assoc Professor Ernesta Trečiokienė / Kaunas University of Applied Sciences
13:45	NANOTECHNOLOGY INNOVATIONS IN PROBIOTICS FOR SUSTAINABLE FISHERY PRODUCTION	PhD. Assistant Professor Chi-Ching LEE, /Istanbul Sabahattin Zaim University, Department of Food Engineering
14:00	PERSONALIZED PORTION: A NEW APPROACH IN THE FUTURE FOOD SERVICE	Bruno Abreu, Joana Rodrigues, Mariana Conceição, Mariana Garcia, Pedro Martins, Rafaela Lapo, João Lima/Coimbra Health School - Instituto Politécnico de Coimbra
14:15	SENZORIAL, PHISYCO-CHEMICAL CHARACTERIZATION AND CONSUMER ACCEPTABILITY OF AYRAN WITH LIME AND MINT	Eng. Prof. Moga Valentina Mădălina, Tița Mihaela, Tița Ovidiu, Adelina Constantinescu /„Lucian Blaga” University of Sibiu, „Terezianum” Technological High School of Food Industry
14:30	COMPREHENSIVE REVIEW OF MATERIALS USED IN EDIBLE PACKAGING	Sigutė Ežerskienė, /Klaipeda State University of Applied Sciences
<b>14:45</b>	<b>CLOSING REMARKS</b>	<b>Sigutė Ežerskienė</b>

## TECHNOLOGY INNOVATION / PARALLEL SESSION III (ROOM 311)

[Click here to join the Parallel Session III \(Technology Innovation\)](#)

**Moderator: Daiva Stanelytė**

**Regulations: presentation – 15 min, discussion – 5 min**

Time	Presentation title	Authors
12:00	OPTIMIZATION OF VFD OPERATIONS FOR TRANSPORTING EQUIPMENT OF PACKAGES	Dr, Assoc Professor Lione Urmoniene, Jelena Dikun, Jolanta Januteniene / Klaipeda State University of Applied Sciences, Klaipeda University
12:20	THE ANALYSIS OF SMART GRID PERFORMANCE MONITORING POSSIBILITIES: CASE OF OVERVOLTAGES	PhD student Vladislav Liubčuk /Lithuanian Energy Institute
12:40	PNEUMATIC ELEMENTS IN SOFT ROBOTICS	Valda Šneiderienė, /Klaipeda State University of Applied Sciences
13:00	THE DESIGN OF A MOBILE ROBOT BASED ON DIRECT AND REVERSE PENDULUM FEATURE	Dr, Assoc Professor Vytenis Sinkevičius, / Klaipeda State University of Applied Sciences
13:20	WIND TURBINE TRANSFORMERS (WTT) AND EXPOSED DESTRUCTIVE EFFECTS FOR SUSTAINABLE ENVIRONMENTAL DEVELOPMENT	Dr, Assoc Professor Alper Kerem /Kahramanmaraş Sütçü İmam University, Electrical Electronics Engineering
13:40	INOVATYVIŲ TECHNOLOGIJŲ TAIKYMAS TECHNINIUOSE MATAVIMUOSE	Sigutė Savickienė, Tytas Savickas, Jūratė Vaitekoniene, Narūnas Martinkus/ Klaipeda State University of Applied Sciences
14:00	APŽVALGA PAKLAUSOS VALDYMO PASLAUGŲ / OVERVIEW OF DEMAND RESPONSE SERVICES	Phd student Daiva Stanelytė, Virginijus Radziukynas/Klaipeda State University of Applied Sciences, Lithuanian Energy Institute
14:20	METALO KOROZIJOS GREIČIO PRIKLAUSOMYBĖS VERTINIMAS	Dr, Assoc Professor Diana Šateikienė /Klaipeda State University of Applied Sciences
<b>14:40</b>	<b>CLOSING REMARKS</b>	<b>Daiva Stanelytė</b>

## TECHNOLOGY INNOVATION / PARALLEL SESSION IV (ROOM 320)

[Click here to join the Parallel Session IV \(Technology Innovation\)](#)

Moderator: Dainora Jankauskienė

Regulations: presentation – 15 min, discussion – 5 min

Time	Presentation title	Authors
12:00	DIRBTINIO INTELEKTO METODAI VALDYMO SISTEMOSE	Dr, Assoc Professor Darius Drungilas/ Klaipeda State University of Applied Sciences
12:20	LTSTEP AN INNOVATIVE PORTABLE GAIT ANALYSIS SYSTEM WITH DIRECT FEEDBACK	Martynas Ramanauskas, Gintaras Kučinskas, Birutė Rataitė / Klaipėda State University of Applied Sciences
12:40	ACOUSTIC FIELD CONTROL IN CLOSED TECHNICAL AREAS: A CASE STUDY	Dr, Assoc Professor Robertas Mikalauskas / Klaipeda State University of Applied Sciences
13:00	UNDERWATER AMBIENT SOUND IN LITHUANIAN MARINE HARBOUR AREA	Dr, Assoc Professor Aleksas Narščius, Donatas Bagočius/ Klaipeda State University of Applied Sciences, Klaipeda University
13:20	VERSLO VALDYMO SISTEMOS VISUOMENINIŲ ASOCIACIJŲ VEIKLOJE	Piklaps Arnold, / Klaipeda State University of Applied Sciences
13:40	HUMAN ACTIVITY NON-DISTURBING ELECTRONIC SOLUTIONS AND DIAGNOSTIC METHODS OF CARDIOVASCULAR DISEASE	PhD student Gediminas Uskovas, /Kaunas University of Technology, Klaipeda State University of Applied Sciences
14:00	SOLUTIONS OF THE PROBLEMS OF MODERN CITIES USING INNOVATIVE TECHNOLOGIES IN THE CONTEXT OF HIGHER EDUCATION	Dainora Jankauskienė, Florez De La Colina Maria Aurora, Dr in Law Pilar Cristina Izquierdo Gracia, Dorota Gawryluk, Lina Kukliene, Indrius Kuklys/ Klaipeda State University of Applied Sciences
<b>14:20</b>	<b>CLOSING REMARKS</b>	<b>Dainora Jankauskienė</b>