



BUP STUDENT CONFERENCE 2023

**May 9–12
Kaunas**

PROGRAMME

AGENDA

May 9th

KTU Santaka Valley

Barsausko st. 59, Kaunas and online

15.30 CONFERENCE REGISTRATION, CHECK-IN, AND "WELCOME-COFFEE-MINGLE"

16.30 Visvaldas Varžinskas | BUP Lithuania centre director
Official conference opening

Pontus Ambros | BUP Uppsala
Conference introduction, practical information

17.00 Madeleine Granvik | BUP Uppsala
"What is BUP?"

17.15 Kerli Kant Hvass | Estonian Business School, Circular Economy in the Fashion industry

18.00 Jurgis Kazimieras Staniškis | UN SDG expert group member

18.30 DINNER ———— ☺

19.00 STUDENTS ORGANIZED EVENING ACTIVITY



May 10th

KTU Santaka Valley

Barsausko st. 59, Kaunas and online

08.00 BREAKFAST (BUP STUDENTS) ————— 

09.00 REGISTRATION TO THE CONFERENCE AND WELCOME

09.30 Opening of The International Young Researchers Conference
“Circular Economy: production and consumption” 2023

- **Madeleine Granvik** | BUP Director
- **Eugenijus Valatka** | KTU Rector

10.00 Vice-Minister of Ministry of Economics and Innovation

10.30 **Laurynas Virbickas** | Director of Kaunas Regional
Waste Management Centre

11.00 **Ieva Budraite** | Director for International Relations and Project
activities at Green Policy Institute

11.20 **Lina Raulinaviciene** | Head of Marketing, AURIKA packaging

11.40 **Viktorija Nausédé** | founder at TEXTALE

12.00 LUNCH ————— 

The International Young Researchers Conference

CIRCULAR ECONOMY: PRODUCTION AND CONSUMPTION 2023

PRESENTATIONS OF YOUNG RESERCHERS

SESSION 1

KTU Santaka Valley

Barsausko st. 59, Kaunas and online

- 13.00 Weronika Baldys, Maciej Jaskulski**
Influence of Solution Properties on Powder Morphology During Co-Current Spray Drying
- 13.15 Ester Jancarikova**
Collaborative Robotics Workplace: Safety Evaluation
- 13.30 Mufaddal Jafferjee**
Tea Industry a Game Changer for Sustainable Food Systems
- 13.45 Simona Ausiuraite**
Life cycle assessment and comparison of smart and mechanical water meter
- 14.00 Anastasia Shestopal, Artem Kaporov, Tomasz Maniecki, Larysa Cherniak**
Transformation of Carbon Dioxide and Methane into Syngas and Nanostructured Carbon Deposits During the Dry Methane Reforming Process

- 14.15 Sofiia Bublei, Ivan Delehan**
Hunting Ground as an Instrument of Nature Protection

COFFEE BREAK 

- 15.00 Khrystyna Tynkaliuk, Oksana Tynkaliuk**
Sustainable Consumption and Production: in Search of Conceptual Origins
- 15.15 Anastasiia Sopina**
Prospects for the Development of Renewable Energy in Ukraine
- 15.30 Eliza Kaulina**
Second Generation Feedstock – Tall Oil Fatty Acids – and Their Methyl Esters Epoxidation in a Rotating Packed Bed Reactor
- 15.45 Khrystyna Hnidets**
The Impact of War in Ukraine on World`s Sustainable Development
- 16.00 Dennis Amofa-Appiah**
Analysis of Responsible Consumption and Production on Waste Management Practices in Lithuania

SESSION 2

KTU Santaka Valley

Barsausko st. 59, Kaunas and online

- 13.00 Daiva Mikučionienė**
Sustainable strategies for textile and fashion sector
- 13.10 Shubam Rajora, Jurgita Domskienė**
Fashion industry sustainability improvement through the digital passport application
- 13.20 Gabriel Santos Rodrigues, João Gilberto Mendes Dos Reis**
BRT systems development: An analysis of network electrification
- 13.30 Simona Kiškytė, Laura Gegeckienė**
Biodegradable Films with Essential Oils for Sustainable Packaging
- 13.40 Tomas Kačinskas, Laura Čepauskaitė, Arnoldas Šiurka, Regita Bendikienė**
"Papermate" – a smart, easy-to-transport container for paper collection, sorting, pressing and temporary storage
- 13.50 Vishnu Varthan Selvakumar, Antanas Čiuplys**
Comparative Analysis of TIG and MIG Dissimilar welds by Microhardness Test
- 14.00 Aidana Zhugunissova, Daina Kliaugaitė**
LCA Study of Organic Milk Production in Lithuania

COFFEE BREAK 

- 15.00 Ignas Ambrazevičius, Kęstutis Buinevičius**
Analysis and Calculation of Agro-biomass Agglomeration Factors During Combustion Process
- 15.10 Paulius Pustelninkas, Gintautas Miliauskas**
Influence of Flue Gas Flow Temperature and Humidity on Heating and Evaporation of Injected Water Droplets
- 15.20 Darshan Puttaswamy, Eglė Kumpikaitė**
Evaluation of Pilling and Abrasion Resistance of Linen Fabric
- 15.30 Supriyo Panda, Antonia Heinrich**
ESG meets Restructuring: Relevance of ESG in Restructuring
- 15.40 Maria Alejandra Rojas Garcia, Visvaldas Varžinskas**
- 15.50 Niumi Dissanayake**
- 16.30 NETWORKING EVENT**

18.00 BREAK

- 19.30 CULTURE PARTY**
Location:
Mechanical Engineering and Design Faculty, room 174

May 11th

KTU Santaka Valley

Barsausko st. 59, Kaunas and online

08.00 BREAKFAST ————— ☕

09.00 GUIDED TOURS IN KAUNAS

12.00 LUNCH ————— ☕

13.00 Eugenijus Valatka | KTU Rector
Preparation workshop before the students' parliament

14.30 COFFEE BREAK ————— ☕

15.00 Student parliament | 1st session

16.30 COFFEE BREAK ————— ☕

17.00 Student parliament | 2nd session

18.15 Visvaldas Varžinskas, Pontus Ambros
BUP Official closing ceremony

18.30 DINNER ————— ☕

20.00 PARTY
Location: Miesto Sodas Night Club

USEFULL INFORMATION

ACCOMODATION

VICTORIA HOTEL

Website

<https://hotelvictoria.lt/>

Location

<https://goo.gl/maps/MiJoSs5KUAva2c8d9>

Check out by 12:00 on 12th May.



KTU DORMITORY 10

Location

<https://goo.gl/maps/8FX74g9PU49vHYZK6>

All the rooms are equipped with all the necessary furniture for life and studies: a bed, a chair, a desk and a wardrobe.

Bedding is provided, however, **there are no towels**, so, please, take it with you. All the residents of the dormitories have Internet access through Eduroam.

Check out by 11:00 on 12th May.



**ACCOMMODATION DETAILS
AND LOCATION WILL BE
PROVIDED IN AN EMAIL!**

TRANSPORT

HOW TO GET TO KAUNAS FROM VILNIUS AIRPORT

1. From airport to bus/train station it is possible to take a bus, train or taxi (Bolt around 6 EUR).

- The bus stop is next to Arrivals terminal A and B. The buses № 1 and 2 run from/to Vilnius airport. Single tickets can be bought from the bus driver or in the **Trafi I»** app. Another option is to use "Airport Express". Tickets can be bought directly from the driver or online through the website www.autobusubilietai.lt.
- There is a special train "Vilnius - Airport" that runs regularly to Vilnius railway station. The ticket costs EUR 0.80 and can be purchased online (<https://ltglink.lt/en>) or on the train.

2. Bus and train stations are located close to each other.

- **Bus station** (<https://goo.gl/maps/BxE6ZDjojtj9NPax7>).
To check the timetable and buy tickets, use the following link – <https://www.autobusubilietai.lt/en>. Tickets can also be purchased at the ticket offices.
- **Train station** (<https://goo.gl/maps/AwavCKg4VY6Qfk9g8>).
Tickets can also be purchased at the ticket offices, online (<https://ltglink.lt/en>) or on the train.

HOW TO GET TO KAUNAS FROM KAUNAS AIRPORT

There is a direct bus route 29G which goes from/to the city center, bus and railway stations. You may purchase a single ticket on board from the driver.

PUBLIC TRANSPORT IN KAUNAS

There are three types of tickets: single-use paper ticket, electronic card and E-ticket.

- **Paper tickets** for the city's buses and trolleybuses can be bought from the driver in cash for €1 or €0.5 with ISIC.
- **Electronic card** – Kaunas city card costs €1,50 and is available at Narvesen convenience store at the airport, or at any newstand in the city, PC Maxima information desks or AB Lietuvos paštas post offices. You may top up your Kaunas city card with a desired amount of money or tickets.
- **E-ticket.** Download Žiogas app, top up your account with €2 or more. The ticket price is €0.7 full or €0.35 with ISIC. The journey can be accomplished using two different vehicles if the second bus or trolleybus is boarded within the first 30 minutes after validating the card. To start the trip, it is needed to press the “validate ticket” button in the app and then enter or scan the code near the driver.



MEETING POINTS

MAY 9TH

15:30 – KTU Santaka Valley

<https://goo.gl/maps/kn9WAKRhqowr5tEf9>

MAY 10TH

8:00 – KTU Santaka Valley

19:30 – Mechanical Engineering and Design Faculty

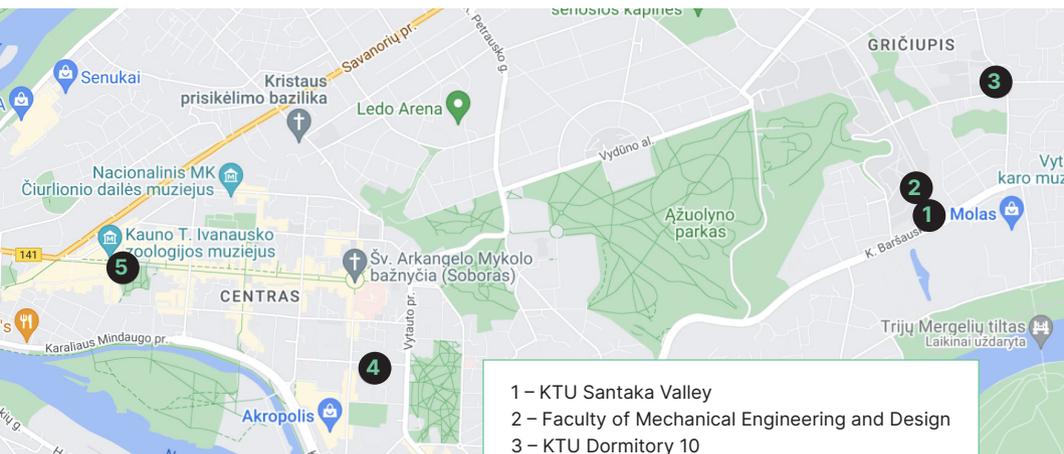
<https://goo.gl/maps/E8sAmvoVX4st4vbE7>

MAY 11TH

8:00 – KTU Santaka Valley

20:00 – City Garden/ Miesto Sodas

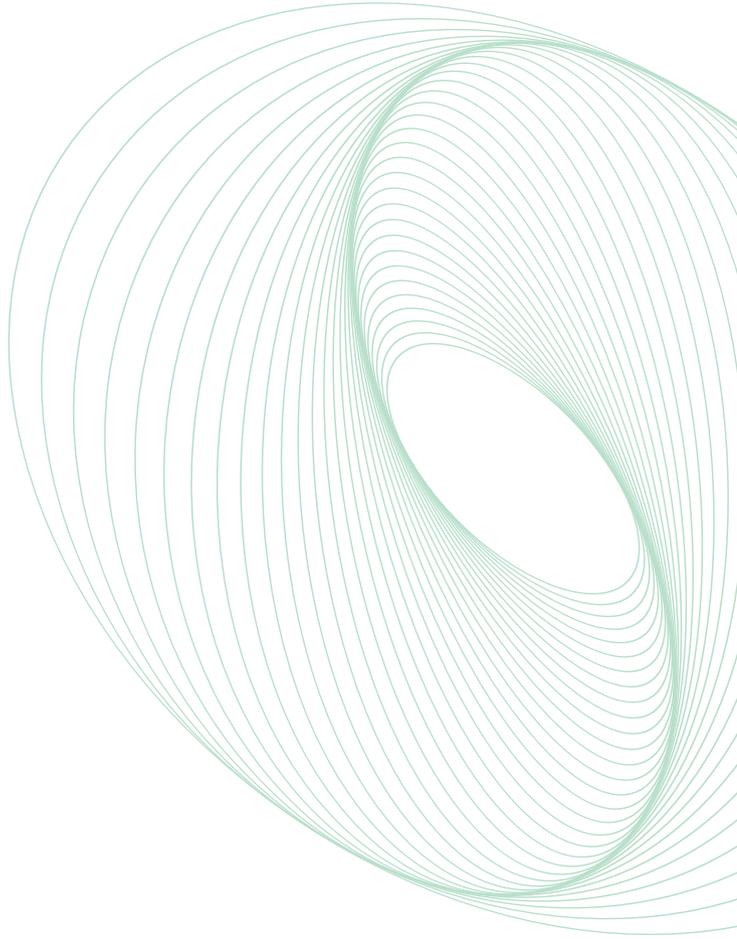
<https://goo.gl/maps/gKurFhinCzuaH9Bi6>



- 1 – KTU Santaka Valley
- 2 – Faculty of Mechanical Engineering and Design
- 3 – KTU Dormitory 10
- 4 – Victoria Hotel
- 5 – City Garden/ Miesto Sodas

COVID

Lithuania removed all COVID-19-related requirements for all travelers. It means that travelers arriving in Lithuania from any country in the world will no longer need to take the COVID-19 test before the trip, even if they are not vaccinated or recovered from COVID-19. Filling a questionnaire of the National Public Health Centre is also no longer required. As all touristic attractions are open in Lithuania, you can explore the whole country easily and mask-free.



ABOUT KAUNAS UNIVERSITY OF TECHNOLOGY

Kaunas University of Technology, with its eight faculties, a branch in Panevėžys, high school (gymnasium), progymnasium and nine research centres, is the second-largest university in Lithuania. About 80% of Lithuania's industrial engineers have graduated from KTU. In 1990, KPI was restructured and brought into line with most Western universities. Under Parliamentary decision, it was then granted its present university status and name. Now, Kaunas University of Technology is the largest technical university in Lithuania. More information about Kaunas University of Technology can be found at <http://ktu.edu>.



ABOUT THE BALTIC UNIVERSITY PROGRAMME

The Baltic University Programme (BUP) is one of the largest university cooperation's in the world, with about 95 participating universities (as of May 2023) in the Baltic Sea Region, cooperating for education and research in Sustainable Development and Democracy.

The BUP strives to find novel ways of interaction among universities and between universities and society. The main aim is to enhance strong regional educational and research communities, but also to foster a greater awareness on our focus areas. The BUP focuses on questions of sustainable development, environmental protection, and democracy in the Baltic Sea Region. We support the key role that universities play in a democratic, peaceful and sustainable development.

More information:

<https://www.balticuniv.uu.se/about-us/>

