



## 2<sup>nd</sup> BIOCEB Summer School

27. June – 1. July 2022, ESTONIA

[Zoom link for the conference \(applies every day\):](#)

<https://zoom.us/j/93249208605?pwd=aGlXZzV5aWJpS3dWdVlVnRkChhU09>

Meeting ID: 932 4920 8605

Passcode: 006224

All times are given in Estonian local time (EET).

[Monday, 27 June](#)

[Room: Taltech, main building, SOC-413](#)

9:45 –10:00 Welcome from Prof. Jaan Kers and Dr. Yevgen Karpichev

10:00-12:10 **Wood and Food Technology projects at TalTech** - Presentations from TalTech research groups (30 min per presentation + 10 min Q&A)

Session Chair: Prof. Jaan Kers

10:00 - 10:40 Dr. Tiit Lukk, "A bird's-eye view of the research topics in the Laboratory of Biomass Valorization Technologies at TalTech"

10:40 - 11:20 Dr. Illia Krasnou, "Cellulose Esters – Plastics of the Future"

11:20 - 11:30 Coffee break

11:30 - 12:10 Prof. Petri-Jaan Lahtvee, "Synthetic Biology: an enabling technology for bioeconomy"

12:10-13:10 Lunch

13:10 -15:40 Site visits in TalTech Campus. Students are divided into two groups for visiting. 30min lab introduction + 15min travelling time. See table below

[Meeting point: in front of lunch cafe](#)

1. Department of Chemistry and Biotechnology, Dr. Tiit Lukk, Dr. Maria Kulp, prof. Riina Aav (address: Akadeemia tee 15)
2. Center of Food and Fermentation Technology (TFTAK) (Akadeemia tee 15A)
3. Laboratory of Polymer Chemistry and Technology, Dr. Elvira Tarasova, Dr. Illia Krasnou (TalTech main building, address: Ehitajate tee 5, dept. IV)

	<h2>European Master in Biological and Chemical Engineering for a Sustainable Bioeconomy</h2>	 
	 	  
		

Group	Laboratory of Polymer Chemistry and Technology (Taltech main)	Center of Food and Fermentation Technology (TFTAK)	Dept of Chemistry and Biotechnology (LOTE)
Group A (7 AgroParisTech) + (4 Polymer Chemistry students)	13:10 – 14:00	14:00 – 14:50	14:50 – 15:30
Group B – TalTech (13 Chemistry and Biotechnology students)	14:50 – 15:30	13:10 – 14:00	14:00 – 14:50

15:45 – 16:00 Coffee break

16:00 - 17:00 Associated partner: prof. Carlos Ariel Cardona Alzate, University of Colombia

19:00 – 20:30 Tallinn Old Town visit ([Meeting point: Freedom Square, at Freedom Cross, Host: Nordic Experience](#))

### Tuesday, 28 June

[Meeting point: TalTech main building parking lot](#)

7:30 – 11:00 Travel to Saaremaa

11: 00 – 12:00 Lunch at Muhurito

12:00 – 13:00 Travel to Lahhentagge

13:30 – 16:30 Visiting Lahhentagge Gin Distillery

Drive to Kuressaare and check-in to ASA spa hotel

19:00 Dinner at ASA spa hotel

### Wednesday, 29 June

9:00 - 10:30 prof. Timo Kikas, “Different valorisation routes for woody and agricultural residues – Estonian University of Life Sciences”

10:30 - 12:00 Rainis Venta, PhD. “What is a startup?”, TalTech/Icosagen Cell Factory OÜ (online)

12:00 - 12:10 Coffee break



12:10 - 13:40 Lachinkhanim Huseynli, MSc, “Odor active compounds and chemical composition of black soldier fly (*Hermetia illucens*) larvae meal” (online)

13:40 – 14:30 Lunch

15:00 – 16:00 Visiting Small Craft Competence Center

19:00 Dinner at Kuressaare castle

#### Thursday, 30 June

Meeting point: ASA spa parking lot

8:30 – 9:00 Drive to Ösel Harvest, Pihla

9:00 – 9:30 Visiting Ösel Harvest

10:00 – 11.30 Jack Royd Hall, MSc, „Cultivation of macroalgae - current state and future perspectives! “, Kõiguste field station of Estonian Marine Institute

11:30 – 12:30 Associated partners

11:30 – 12:00 Dr. Vijai Kumar Gupta and Prof Vijay Thakur, SRUC, Edinburgh, UK (online)

12:00 – 12:20 prof. Edivaldo Ximenes Ferreira Filho, University of Brasília, Brazil (online)

12:30 – 13:30 Lunch at Kõiguste harbour

14:30-15:30 Visiting Est-Agar

15:30 – 19:00 Travelling to Tallinn

#### Friday, 1 July

Room: Taltech, main building, SOC-413

Session Chair: Dr. Yevgen Karpichev

9:00 - 10:30 Christian Moretti, PhD. „LCA and its application to innovative bio-based products “ (online)

10:30 – 10:40 Coffee break

10:40– 12:10 prof. Callum Hill „The S word “ (online)

12:10 – 13:00 Lunch

13:00 – 13:20 Associated partner: dr. Abdel-Azeem (online)

13:20 – 13:30 Associated partner: research scientist Erik Larnøy, PhD, Norwegian Institute of Bioeconomy Research (NIBIO) (online)

13:30 -14:00 Poster session of Green Line projects

14:00 -17:00 Flash presentations of Green Line Project teams: future research plans and discussion (5-10 min per GLP team + 20 min Q&A) (also broadcasted via zoom)



14:00 – 14:30 GLP 1.1

14:30 – 15:00 GLP 1.2

15:00 - 15:30 GLP 1.3

15:30 – 16:00 GLP 1.4

16:00 – 16:30 GLP 1.5

16:30 – 17:00 GLP 1.6

17:00 Announcing the Best Poster award and concluding remarks