

# 4<sup>th</sup> BIOCEB Summer School

17. – 21. June 2024, ESTONIA

Zoom link for the conference: <https://zoom.us/j/99250036796?pwd=adBW7OZoWhugd3WPL9cAs9jPvwDTi6.1>

Meeting ID: 992 5003 6796

Passcode: 675771

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

## Monday, 17<sup>th</sup> of June

Room: TalTech, main building, SOC-309

9:00 – 9:45 *Registration and morning coffee*

9:45 – 10:00 **Opening of Bioceb Summer School 2024!**

**Welcome from TalTech Vice-Rector for Research Tiit Lukk, Bioceb coordinator Prof. Stephanie Baumberger from AgroParisTech and TalTech local coordinator Prof Jaan Kers**

### Session Chair: Prof. Jaan Kers

10:00 – 10:30 **Prof Andres Krumme**, Laboratory of Biopolymer Technology: Cellulose-based biopolymers

10:30 – 11:00 **Dr Kristel Vene**, Division of food and biotechnology: Healthy can be tasty - Raw Edge story

11:00 – 11:15 *Coffee break*

11:15 – 12:00 **Dr Nemailla Bonturi**, Äio Tech OÜ: 1st year in synbio startup

12:00 – 12:45 *Lunch in the cafeteria of TalTech SOC building*

13:00 – 14:00 **Prof Annela Anger-Kraavi**, University of Cambridge: Climate change and jobs

14:00 – 17:15 **Site visits in TalTech Campus.** Students are divided into two groups for visiting. 45 min lab introduction + 15 min travelling time. See table below.

Meeting point: in front of lunch cafe.

1. Division of Food and Biotechnology, Dept of Chemistry and Biotechnology
2. Äio Tech OÜ
3. Laboratory of Wood Technology

16:15 – 16:30 *Coffee and snacks in WoodLab!*

Group A (8 AgroParisTech)	14:15 – 15:00 <b>Division of Food and Biotechnology</b>	15:15 – 16:00 <b>Äio Tech OÜ</b>	16:30 – 17:15 <b>Laboratory of Wood Technology</b>
Group B – TalTech (12 Chemistry and Biotechnology students)	14:15 – 15:00 <b>Äio Tech OÜ</b>	15:15 – 16:00 <b>Division of Food and Biotechnology</b>	16:30 – 17:15 <b>Laboratory of Wood Technology</b>

19:30 – 21:30 Guided tour in **Tallinn Old Town**

Meeting point in Freedom square in front of the statue <https://maps.app.goo.gl/fno89vbFqFx1FdV4A>

**Tuesday, 18<sup>th</sup> of June**

Meeting point: in front of TalTech main building <https://maps.app.goo.gl/ePtSSuSSUfzMiLmM8>

7:30 – 10:00 Travel to Ida-Virumaa (*snackpack in bus*)

10:00 – 12:30 Visiting **TalTech Virumaa College**: Biomass chemistry research and circular economy

**Welcome from Director Mare Roosileht**

**Session chair Prof Allan Niidu**

12:30 – 13:15 *Lunch in the college cafeteria*

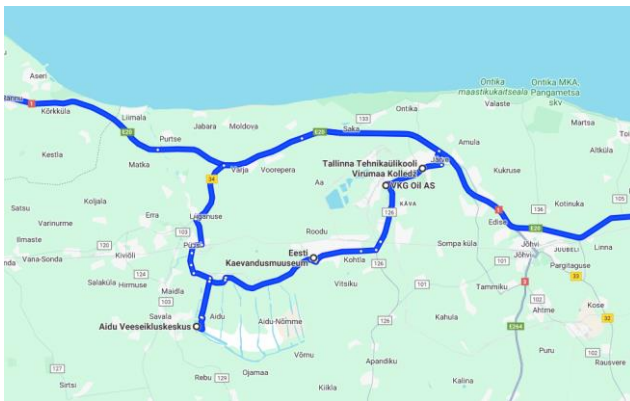
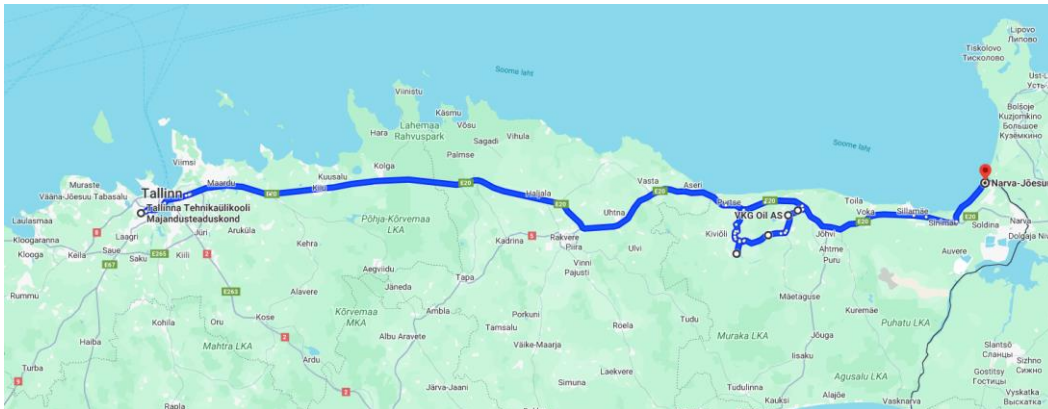
13:30 – 15:00 Company visits: **VKG Oil**. **Important info: company requires clothing with long sleeves and long skirts/trousers and closed flat or low heels footwear.**

15:30 – 16:30 **Estonian mining museum**: underground tour. **Important info: warm clothing needed as in the underground it is +8 °C all year round.**

17:00 – 18:30 **Boat safari in Aidu quarry.**

20:00 *Dinner in the hotel restaurant*

**Accommodation:** Narva-Jõesuu Meresuu spa hotel



**Wednesday, 19<sup>th</sup> of June**

*Breakfast in the hotel*

9:00 – 12:00 **Associated partners** session via Zoom at the hotel conference centre.

12:00 – 12:45 *Lunch in the hotel restaurant*

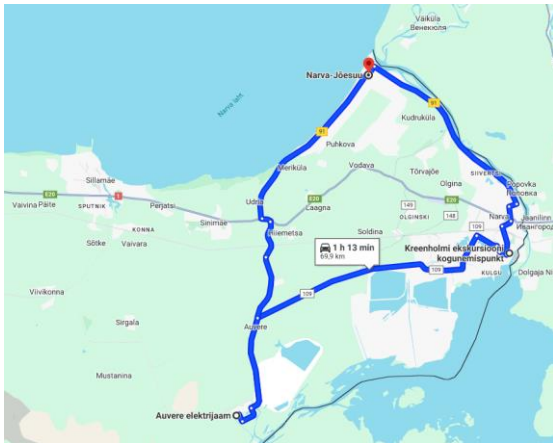
13:00 Bus leaves from the hotel

13:30 – 15:00 Guided tour "**Krenholm: the history of the textile giant**". **Important info: the tour lasts 1.5 h and we will walk ~2.5 km mostly outdoor no matter the weather.**

15:45 – 17:15 Company visits: **Auvere power plant**

19:30 *Dinner in the hotel restaurant*

**Accommodation:** Narva-Jõesuu Meresuu spa hotel



**Thursday, 20<sup>th</sup> of June**

*Breakfast in the hotel*

8:30 Bus leaves from the hotel

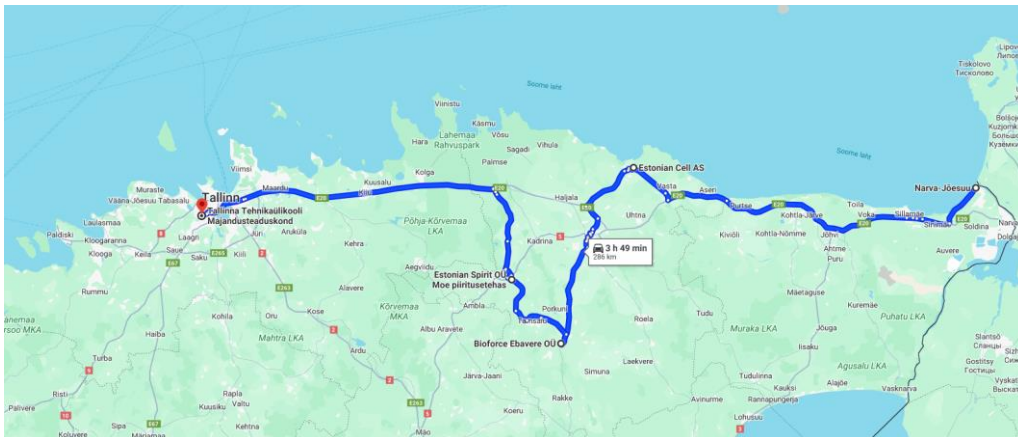
10:00 – 11:30 Company visits: **Estonian Cell**

12:00 – 12:45 *Lunch in Rakvere*

13:30 – 14:30 Company visits: **Bioforce Ebavere OÜ**

15:00 – 17:00 Company visits: **Moe Distillery**

17:00 – 18:30 Travelling back to Tallinn



**Friday, 21<sup>st</sup> of June**

Room: Taltech, main building, **SOC-309** (Final seminar with green line project poster presentations)

**8:30 – 9:30** Morning coffee and **poster session of Green Line projects**

**Session Chair: Dr. Yevgen Karpichev**

**9:30 – 12:45 Presentations of Green Line Project teams** (also available via Zoom): future research plans and discussion (15-20 min per GLP team + 15 min Q&A)

12:45 – 13:30 *Lunch in the cafeteria of TalTech SOC building*

13:30 – 14:30 **Prof Juha Fiskari**, Mid Sweden University: Is emission-free wood pulping possible?

14:30 – 16:00 **Alumni session „Bioceb Life Lessons“**

**Session chair: Tommaso Tagliani**

16:00 – 16:30 *Coffee and snacks*

16:30 Concluding remarks