



ПОЛИТЕХ

Высшая школа биотехнологии
и пищевых технологий

УВАЖАЕМЫЕ ПРЕПОДАВАТЕЛИ И СТУДЕНТЫ!

Приглашаем Вас принять участие в международном научном семинаре по теме:
«Разработка и внедрение инновационных биотехнологий переработки микроводорослей
Chlorella Sorokiniana и ряски *Lemna minor*» (Уникальный идентификатор проекта
RFMEFI58717X0038).

Основные докладчики:

- сотрудники **ВШБТиПТ**
- немецкие партнеры-сотрудники Гамбургского Технологического университета, института технологий окружающей среды и экономии энергии (**TUHH-IUE**) (Германия, г. Гамбург).

Семинар состоится **29.05.2018** по адресу: **Новороссийская 50**, в ауд. 1409 начало в 11⁰⁰

План мероприятия

11⁰⁰-13⁰⁰ - Доклады немецких коллег

13⁰⁰-14⁰⁰ - Обед

14⁰⁰-16⁰⁰ - Доклады российских коллег

Dear Project Partner,
Liebe KollegInnen,

We are honoured to invite you to the ABiRe project meeting, which is scheduled to take place on 28.05-01.06, 2018 in St. Petersburg Russia. The objective of this meeting is to communicate detailed plan and results of the research groups and work packages as well as to address management and communication issues. Participants will engage in interactive discussion of their activities and priorities for advancing methods and main research questions of the project. If you have any questions, please do not hesitate to contact us.

We would highly appreciate your participation!

Wir freuen uns auf Ihren Besuch!

Yours sincerely,
Mit freundlichen Grüßen,

Project manager,

Prof. Dr.-Ing. Natalia Politaeva

Agenda

28.05.2018

10:00 Meeting the President of SPbPU M.P. Fedorov

11:00 Participants welcome by pro-rector for international activities - D. G. Arseniev

12:00 Lunch break

13:00 SPbPU Campus tour

15:00 Laboratory tour at the Department of Civil Engineering and Industrial Ecology - A.N. Chusov

17:00 Welcome dinner

19:00 City tour

29.05.2018

10:30 Introduction and welcome of team members – Natalia Politaeva and Kerstin Kuchta

10:40 Progress and outcome of WP 2 – Nils Wiczorek

10:50 WP 3: Optimization of the cultivation process in Germany – Hannah Boysen

11:05 Extraction and characterization of pigments and carotenoids in *Chlorella sorokiniana* – Hannah Boysen (WP 4)

11:15 Biochemical characterization of *Chlorella sorokiniana* and *Lemna minor* – Iryna Atamaniuk

11:25 Extraction and isolation of value-added components from *Chlorella sorokiniana* and *Lemna minor* – Iryna Atamaniuk

11:35 Discussion and plan for the further research activities

12:00 Lunch

14:00 Installation of laboratory scale system for microalgae and duckweed in Russia; Optimization of the cultivation process in Russia – Natalia Politaeva

14:10 Extraction of pigments from *Chlorella sorokiniana* and *Lemna minor* – Iuliia Bazarnova

14:25 Downstream process – Tatiana Kuznezova

14:40 Lipids extraction from *Chlorella sorokiniana* and *Lemna minor* – Amira Toumi

14:55 WP 5: Technology of sorbents production – Iuliia Smiatskaia

15:10 Discussion of obtained results

15:20 WP1: Management and organization – Kerstin Kuchta

15:30 Next steps and agenda for teleconferences and meetings – Kerstin Kuchta

15:40 Closing remarks - End of the project meeting – Kerstin Kuchta

18:00 Dinner

30.05.2018

11:00 Museum of Water

13:30 Lunch break

15:00 Laboratory experiments and group discussion within WP 3 and WP4

18:00 Free time



31.05.2018

08:00 Technical Tour to "Novy Svet" landfill

17:00 Free time

01.06.2018

09:00 Laboratory experiments and group discussion within WP 4: Biomass harvesting and extraction

12:00 Lunch break

13:00 Laboratory experiments and group discussion within WP 5: Technology for sorbents production

16:30 General discussion and conclusions of the project meeting

18:00 Free time

Location

ул. Новороссийская 48-50, Санкт-Петербург, 194021

Novorossiyskaya Ulitsa, 48-50,
Sankt-Peterburg, Russland, 194021

Project coordination

Hamburg University of Technology (TUHH)
Institute of Environmental Technology and Energy Economics (IUE)

Waste Resources Management

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Project meeting
28 May – 1 June 2018

Bioeconomy International 2016:
"ABiRe: Development and implementation of innovative aquatic-based bio-refinery for microalgae *Chlorella sorokiniana* and duckweed *Lemna minor*"



