



The 1st Nordic Algae Symposium 2018 (NAS18), January 31st 2018

Venue: Hotel Scandic Simonkenttä (Simonkatu 9, 00100 Helsinki, Finland), Mansku Meeting Room

The Final Programme

08.30 Registration

09.00 Opening words, Assoc. Prof. Yagut Allahverdiyeva, University of Turku, Finland

Chair: Prof. Christiane Funk, Umeå University, Sweden

09.05 Academician Eva-Mari Aro, University of Turku, Finland – *Photosynthetic microorganisms as a tool for sustainable blue bioeconomy – ongoing EU roadmaps*

09.25 Vitor Verdelho Vieira, European Algae Biomass Association President – *Innovations with disruptive impact in the microalgae sector*

09.45 Dr. Kyösti Lempa, NordForsk Senior Adviser, Norway – *NordForsk and Nordic Bioeconomy Programme*

10.00 Coffee break and discussions

SESSION 1. Transition to Industry - European and Nordic Algae Sector

Chair: Mona Arnold, Business Development Manager, VTT Technical Research Centre, Finland

10.30 Dr. Silvia Fluch, Chief Operating Officer, Ecoduna AG, Austria – *Industrial microalgae production in Austria- current state and future perspectives*

11.55 Dr. Federico G. Witt, AlgaEnergy Production Director, Spain – *Microalgae-mediated capture and biofixation of CO₂ from combined cycle power plant flue gases: Valorization and commercialization of the biomass*

11.20 Prof. Catherine Legrand, Linnaeus University, Sweden – *Algoland, current state and perspectives*

11.45 Heikki Hyttinen, Subitec General Manager, Germany – *Conception and construction of a closed flat panel airlift photobioreactor*

12.05 Dr. Dorinde Kleinegris, National Algae Pilot Mongstad (NAM), Norway – *Production of microalgae for aquaculture*

12.25 Lunch and discussions

SESSION 2. Algae and cyanobacterial research

Chair: Prof. Peter Lindblad, Uppsala University, Sweden

13.30 Prof. Poul Erik Jensen, University of Copenhagen, Denmark – *Metabolic engineering for high-value compounds and efficient secretion*

13.55 Dr. Jukka Seppälä, Finnish Environment Institute & Submariner Network, Finland – *Production of algae biomass: autecology, community ecology and sustainability*





- 14.15** Dr. Attila Molnar, University of Edinburgh, Scotland – *Highly efficient transgene-free targeted DNA editing and replacement in green algae*
- 14.35** Dr. Elina Peltomaa, University of Helsinki, Finland – *Production of valuable ingredients from industrial side stream waters with microalgae*
- 14.55** **Coffee break and discussions**

SESSION 3. Combined NAS18 and 1st NordAqua Annual Meeting

Chair: Assoc. Prof. Karin Stensjö, Uppsala University, Sweden

- 15.30** Assoc. Prof. Yagut Allahverdiyeva, University of Turku, Finland – *Overview of NordAqua Nordic Centre of Excellence*
- 15.50** Petteri Laaksonen, Clewer Oy, Finland
- 16.05** Dr. Reeta Huhtinen, Senior advisor, Cleantech, Bioeconomy and Circular Economy, Smart Chemistry Park, Finland – *Smart Chemistry Park innovation platform for value chain development*
- 16.20** Vitor Verdelho Vieira, Algae 4 Future, Portugal – *Ongoing activities in Algae 4 Future*
- 16.40** Panel discussion *Moderator:* Assoc. Prof. Yagut Allahverdiyeva
Panelists: Academician Eva-Mari Aro, Dr. Federico G. Witt, Heikki Hyttinen, Prof. Peter Lindblad, Prof. Poul Erik Jensen and Vitor Verdelho Vieira
- 17.10** **End of the meeting**

