

The 1st NordAqua Annual Meeting, Jan 31st- Feb 2nd 2018

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

Final Programme

Wednesday, 31 January 2018

Combined NAS18 and NordAqua 1st Annual Meeting

- 15.30** Assoc. Prof. Yagut Allahverdiyeva, University of Turku, Finland - *Overview of NordAqua Nordic Centre of Excellence*
- 15.50** Petteri Laaksonen, Clewer Oy, Turku, 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 combined session**

Thursday, 1 February 2018

Internal NordAqua Meeting – 2nd day

- 09.00** What is new in NordAqua? – Director of NCoE Acad. Eva-Mari Aro

WP1 presentations- Chair: WP1 leader Prof. Christiane Funk

- 09.15** Dr. Fiona Lynch (UTU) - *The potential for integrated microalgal nutrient removal and biodiesel production under Nordic conditions*
- 09.35** Dr. Carlos Escudero (NIVA) - *Microalgae enhances toxic metal and metalloid removal from landfill leachate*
- 09.55** Dmtar Valev (UTU) - *Challenges in stable algae based wastewater treatment process*
- 10.15** Dr. Zivan Gojkovic (UMU) - *Lipid accumulation under nitrogen starvation in four selected species of green algae*
- 10.35** Discussions
- 10.45** **Coffee Break**

WP5 presentations- Chair: WP5 leader Prof. Peter Lindblad

- 11.15** Assist. Prof. Pauli Kallio (UTU) - *Rerouting photoautotrophic electron flux for improved productivity*
- 11.35** Assoc. Prof. Karin Stensjö / Assoc. Prof. Pia Lindberg (UU) - *Designing efficient cyanobacterial cell factories, an update from UU*

11.55 Dr. Mervi Toivari (VTT) – *Engineering eukaryotic microalgae of Nordic origin*

12.15 Discussion

12.25 **Lunch**

WP2 presentations- Chair: WP2 leader Dr. Jorunn Skjermo

13.30 Dr. David Fewer (UH)- *Natural products and bioactive compounds from cyanobacteria*

13.50 Dr. Jorunn Skjermo (SINTEF) - *Seaweed cultivation for biomass production*

14.10 Prof. Lars Herfindal (UiB) - *Anti-cancer compounds from natural sources*

14.30 Dr. Revilija Mozuraityte (SINTEF) - *Extraction and spectrophotometric determination of astaxanthin and fucoxanthin from microalgae*

14.50 Dr. Hanne Skomedal / Dr. Kari Skjånes (NIBIO) - *Cancer inhibitors and cold adapted microalgae*

15.10 Discussions

15.20 **Coffee break**

WP3 presentations- Chair: WP3 Leader Dr. Matilde Skogen Chauton

15.45 Dr. Sari Mäkinen (LUKE) - *PHWE and UPLC/MS characterisation of phenolic compounds and carotenoids in Nordic microalgae*

16.05 Dr. Matilde S. Chauton (SINTEF)- *General WP 3 management and status*

16.25 Discussions

WP4 Presentations - Chair: WP4 Leader Assoc. Prof. Yagut Allahverdiyeva

16.35 Dr. Martina Jokel (UTU)– *Regulation of the photosynthesis under fluctuating light*

16:55 Assoc. Prof. Karin Stensjö (UU) - *Ferritin-like proteins in heterocyst forming cyanobacteria- physiological functions and biotechnological applications*

17.15 Dr. Sergey Kosourov (UTU) - *Development of thin-layer microalgal catalyst for efficient H₂ production*

17.35 Discussions

WP6 Presentations - Chair: WP6 Leader Dr. Carlos Escudero

17.45 Dr. Carlos Escudero (NIVA) / Dr. David Fewer (UH) / Lorenza Ferro (UMU)- *Introduction and exploitation of the Nordic collections of cyanobacteria and microalgae: the Nagoya protocol in the NordAqua project*

18.15 Discussions

18.25 **End of the session**

18.30 Management Board (MB) Meeting – (only for the MB members)

19.30 **Dinner @ Ravintola Ateljé Finne** (Address: Arkadiankatu 14, Helsinki)

Friday, 2 February 2018

Internal NordAqua Meeting –3rd day

08.30 Scientific Board Meeting- Reporting, Financial and Organizational Issues
Gender/Mentoring/Dissemination

09.45 **WP7- The NordAqua Entrepreneurship Workshop**

Directed by: WP7 Leader Prof. Jarna Heinonen & Research Director Ulla Hytti (UTU)

Workshop description: The researchers need entrepreneurial competences to be able to accommodate with the challenges related to changes in working-life. **The workshop promises to its participants** to understand what it takes to commit oneself to entrepreneurship and new business creation; to be better equipped to assess their own relationship to entrepreneurship.

Participants: Members of NordAqua- both junior and senior researchers are invited to participate to the workshop.

The goal of the workshop:

- ✓ to understand the entrepreneurship as an idea and opportunity of a creation process rather than purely –economic- business activity;
- ✓ to become familiar with the entrepreneurial process: what it takes to map problems and how to turn these problems into interesting challenges;
- ✓ how to transfer someone’s ideas into –business- opportunities and to present these ideas to others

09.45 **WP7- Entrepreneurship Workshop - session 1**

Content: (i) Introduction to topic and goals (ii) Mapping problems

(iii) Turning the problems into challenges and business opportunities-part 1

10.30 **Coffee Break**

11.00 **WP7- Entrepreneurship Workshop - session 2**

Content: (i) Turning the problems into challenges and business opportunities-part 2

(ii) Presenting and pitching ideas

12.00 **Lunch**

13.00 **WP7- Entrepreneurship Workshop - final session**

Wrap up discussion on researchers’ relationship/standing towards entrepreneurship and commercialization and related challenges

14.15 **Wrap up & end of the meeting**