

10TH NORDIC SEAWEED CONFERENCE

THE NEXT TEN YEARS

-LOCAL TO GLOBAL

13TH - 14TH OCTOBER 2021

KYSTHOTELLET, GRENAÅ, DENMARK

PROGRAMME WEDNESDAY 13TH OCTOBER:

10.00 - 11.00 REGISTRATION

11.00 - 11.15 Welcome

SESSION 1: SEAWEED PRODUCTION

11.15 - 12.00 Keynote talk: Seaweed cultivation has to grow up - and become commercial!
Olavur Gregersen, CEO and founder of Ocean Rainforest, Faroe Islands #1

12.00 - 12.25 Cultivation of *Asparagopsis* in land-based facilities in Sweden.
Angelo Demeter, Volta Greentech AB, Sweden. #2

12.25 - 12.50 Cultivating *Gracilaria* in Denmark
Susan Løvstad Holdt, DTU Food, Denmark. #3

12.50 - 13.50 Lunch

SESSION 2: SEAWEED HIGH VALUE MOLECULES / SEAWEED TECHNOECONOMY

13.50 - 14.30 Keynote talk: Can Northern hemisphere macroalgae inhibit enteric methane emission from cattle? Evidence from an in vitro simulation study.
Mette Olaf Nielsen, professor at Animal Science, Aarhus University, Denmark #4

14.30 - 14.55 Antioxidant and photo protecting properties of phlorotannin-rich extracts from *Fucus vesiculosus*.
Ditte B. Hermund. DTU Food, Denmark. #5

14.55 - 15.20 FucoSan - 5 years of German-Danish Research on marine Polysaccharide Fucoidan in Health and Well-being.
Alexa Klettner, University of Kiel, Germany #6

15.20 - 15.45 Blue growth and bioextraction potentials of Danish *Saccharina latissima* aquaculture - A model of eco-industrial production systems mitigating marine eutrophication and climate change.
Marianne Thomsen, Environmental Science and Center for Circular Bioeconomy, Aarhus University, Denmark #7

15.45 - 16.10 Coffee and cake

SESSION 3: SEAWEED AND SUSTAINABILITY - NORDIC TALK

16.10 - 17.00 Nordic Talk event - Is Seaweed the magic wand of the future?
Moderated by journalist Troels Mylenberg with Ingrid Undeland, Chalmers University, Sweden, Olavur Gregersen, Ocean Rainforest, Faroe Islands and Dorthe Krause-Jensen, Aarhus University, Denmark. #8

17.00 - 18.15 Poster session and Seaweed Market #9

19.00 - 23.00 Conference dinner in the Kattegatcentre
We meet at the hotel lobby at 19.00 and walk for 10 minutes to the Kattegatcentret.



AlgeCenter Danmark

PROGRAMME THURSDAY 14TH OCTOBER:

- 07.30 – 08.30 Visit at Pure Algae cultivation facility by CEO and founder Esben Rimi Christiansen.
We meet at the hotel lobby at 7.30 and walk 10 minutes to the company site. #10
- 08.55 – 09.00 Welcome back at the conference. Please, remember to check out no later than 10 o'clock.
- SESSION 4: SEAWEED PROTEIN**
- 09.00 – 09.45 Keynote talk: Seaweed as a potential future protein source; pros and cons.
Ingrid Undeland, Professot at Chalmers University, Sweden. #11
- 09.45 – 10.10 Quantitative proteomics and bioinformatics in seaweed food protein research:
Evaluation of extraction methods, bioactive potential, and nutritional value.
Simon Gregersen, Aalborg University, Denmark. #12
- 10.10 – 10.35 Protein digestibility of *Ulva* sp. and *Saccharina latissima* in rats.
Louise Juul, AU Food, Denmark #13
- 10.35 – 10.50 **Coffee break**
- SESSION 5: SEAWEED IN THE FUTURE**
- 10.50 – 11.15 3 minute PhD pitches:
Mirka Mølgaard, and Jørgen Levinsen, Aarhus University;
Jakob Nebber Davidsen, Nethmie Jayasooriya, Holly Robertson and Alisa Mihaila,
University of Waikato, New Zealand #14
- 11.15 - 11.40 Green Gravel Technology for restoring kelp forests.
Stein Frederiksen, University of Oslo and Institute of Marine Research, Norway
& Thomas Wernberg, University of Western Australia and
Institute of Marine Research, Norway #15
- 11.40 – 12.30 **Lunch**
- 12.30 – 12.55 Optimum solutions for the drying of seaweed and algae in a changing/diversifying world.
Simon Shaw, Alvan Blanch Development Company Ltd, United Kingdom. #16
- 12.55 – 13.20 Autonomous harvesting and processing in MARINs Shallow Water Basin
Floor Spaargaren, MARIN, The Netherlands #17
- 13.20 – 13.45 Farming kelp in the North Sea.
Eef Brouwers, North Sea Farmers, The Netherlands #18
- 13.45 – 14.30 Keynote talk: Seaweeds; opportunities and markets in the next 10 years.
Stefan Kraan, Co-founder and CSO, The Seaweed Company Blue BV. #19
- 14.30 **Goodbye for now!**
- 14.30 - 15.00 **Coffee and cake**
- 15.30 - 19.30 **Stakeholder meeting**

TWEET: #NSC21