Nordic Algae Symposium 2026 – program

Day 1 - Location: Vilvite (Thormøhlens Gate 51, Bergen)

08h00 – 09h00	Registration, poster and exhibition space open
09h00 – 09h10	Welcome
09h10 – 10h40	Session 1: Algal physiology and ecology session Chair: Kyle Mayers
09h10 – 09h30	Keynote: Christiane Funk - Chlorophyte Cell Walls: Unlocking Their Potential for Sustainable Bioremediation
09h30 – 09h50	Keynote: Nerea Johanna Aalto - Arctic marine diatoms and microbiomes in large-scale cultivation systems
09h50 – 10h05	Richardson, L: Dynamics of Glacier Blood: Cryogen-free meta-omics of highly pigmented extremophile algae from the Swiss Alps
10h05 – 10h20	Nag, B: Decoding TOR kinase inhibition: Unraveling autophagic mechanisms and metabolic rewiring in *Parachlorella kessleri*
10h20 – 10h35	Semple, A: Engineering synthetic phycospheres for paracetamol mineralisation using microalgae as a biosensor
10h35 – 11h00	Coffee & networking break
11h00 - 12h30	Session 2: Algal biotechnology - Novel methods and processes Chair Anita Santana-Sanchez
11h00 – 11h20	Keynote: Yagut Allahverdiyeva-Rinne - Solar butanol production by solid-state photosynthetic cell factories
11h20 – 11h50	Keynote: Anita Santana-Sanchez - Discover, understand, engineer: Integrating random mutagenesis and genome editing for industrial microalgal strain development
11h50 – 12h05	05
12h05 – 12h20	Cachay-Morante, J: Exploring *Nannochloropsis oceanica* as a host for the expression of olivetolic acid biosynthetic pathway
12h20 – 12h35	Wood, E: Development of acid-tolerant *Chlorella* spp. and cold-tolerant *Limnospira* spp. (Spirulina) for resilient industrial cultivation
12h35 - 13h35	Lunch & networking break

13h35 – 15h00	Session 3: Algae in the circular bioeconomy Chair: Pia Steinrücken
13h35 – 13h55	Keynote: Pia Steinrücken - INNOAQUA: Integrating salmon and microalgae cultivation at pilot scale
13h55 – 14h15	Keynote: Margarida Costa - LOCALITY: Coupling waste-stream valorization with microalgae cultivation for nature-positive, circular products
14h15 – 14h30	Medic, N: Microalgal biomanufacturing for defence and resilience: from the International Space Station to a strategic logistics capability for the NATO alliance
14h30 – 14h45	Spetea, C: Valorising salmon RAS water through laboratory screening of marine microalgae
14h40 – 15h00	Di, X: Leveraging industrial symbiosis for microalgae production: strain selection and upscaled growth on Norwegian seafood-processing side streams
15h00 – 15h30	Coffee & networking break
15h30 - 17h00	Session 4: Biorefinery & algae-based products Chair: Dorinde Kleinegris
15h30 -15h50	Keynote: Øystein Arlov - Future materials from large-scale processing of sustainable brown algae resources
15h50 – 16h10	Keynote: Marialena Kokkali - Beyond extraction: From algal biorefinery to fish performance
16h10 – 16h13	Sponsor pitch
16h15 – 17h00	Panel debate: Hallvard Jacobsen (Lerøy Ocean Harvest), Tor-Erik Dahl (Fjordalg), Jakob Larsson (C-Feed), Ben Walker (Varicon Aqua), and Wieger Rupert (Lgem)

Day 1 - Location: Nygårdsgaten 114, Bergen

Move to Nygårdsporten

18h30 – 19h30	Poster session/industry exhibition & reception
19h30 – 21h30	Conference dinner

Day 2 – Location: Nygårdsgaten 114, Bergen

08h00 – 08h30	Registration
08h30 – 10h00	Session 5: Selected presentations of all session topics* Chair: Hanna Böpple
08h30 – 08h45	Vinagre, F: Integrating diatom valorisation: sequential deep eutectic solvent recovery of frustules and bioactive compounds
08h45 – 09h15	Sirvanlioglu, B: Catalytic membrane technology to convert microalgae in growth medium into biofuels
09h15 – 09h30	Villaró-Cos, S: Sustainable production and valorisation of *Porphyridium cruentum* for functional food and agricultural applications
09h30 – 09h45	Lia: Microalgae-assisted resource recovery and biomass production from Finnish dairy side-streams
09h45 – 10h00	Lafarga, T: Sustainable pilot-scale cultivation and valorisation of seawater-adapted *Chlorella sorokiniana* for functional food applications
10h00 – 10h30	Coffee & networking break
10h30 - 11h30	Session 6: Selected presentations of all session topics* Chair: Anders Gjendemsjø
10h30 – 10h45	Rautenberger: Environmental Drivers of Phlorotannin Variability in the Macroalga *Alaria esculenta* (Phaeophyceae)
10h45 – 11h00	Dodampe Gamage, KS: Environmental and Carbon Performance of Sargassum-based Bio-construction Materials: A Screening Life Cycle Assessment of Alternative Valorization Pathways
11h00 – 11h15	Seeman, S: Cyanobacterial carbon capture at inhibitory high CO_2 concentrations
11h15 – 11h30	Bonnefond, H: The power of Dynamical Darwinian Selection to enhance strain performance
11h30 - 12h15	Lunch & networking break
12h15 – 12h30	Award ceremony Best Oral & Poster presentations
12h30 – 17h30	Site visits (Lerøy Ocean Harvest / National Algaepilot Mongstad)