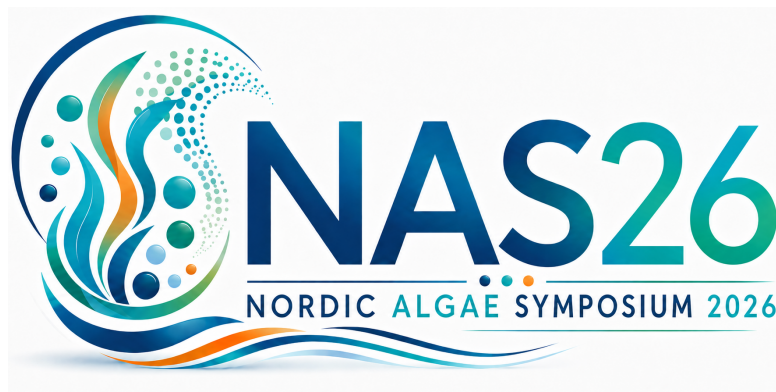
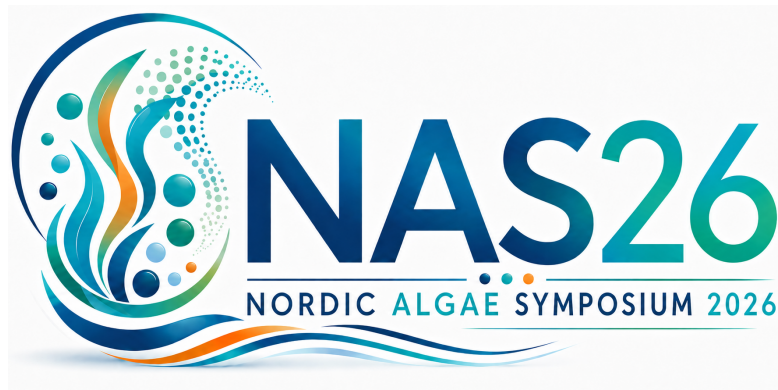




## Nordic Algae Symposium 2026 – program

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

|               |                                                                                                                                                                 |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 08h00 – 09h00 | Registration, poster and exhibition space open                                                                                                                  |
| 09h00 – 09h10 | Welcome by Dorinde Kleinegris                                                                                                                                   |
| 09h10 – 10h35 | Session 1: Algal physiology and ecology session<br>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 <i>Parachlorella kessleri</i>                                |
| 10h20 – 10h35 | Semple, A: Engineering synthetic phycospheres for paracetamol mineralisation using microalgae as a biosensor                                                    |
| 10h35 – 11h00 | Coffee & networking break                                                                                                                                       |
| 11h00 - 12h25 | Session 2: Algal biotechnology - Novel methods and processes<br>Chair Anita Santana-Sanchez                                                                     |
| 11h00 – 11h20 | Keynote: Yagut Allahverdiyeva-Rinne - Solar butanol production by solid-state photosynthetic cell factories                                                     |
| 11h20 – 11h40 | Keynote: Anita Santana-Sanchez - Discover, understand, engineer: Integrating random mutagenesis and genome editing for industrial microalgal strain development |
| 11h40 – 11h55 | Howard, JD: Developing microfluidic screening of algal-bacterial consortia & other tools towards making soil bioremediation a reality                           |
| 11h55 – 12h10 | Cachay-Morante, J: Exploring <i>Nannochloropsis oceanica</i> as a host for the expression of olivetolic acid biosynthetic pathway                               |
| 12h10 – 12h25 | Wood, E: Development of acid-tolerant <i>Chlorella</i> spp. and cold-tolerant <i>Limnospira</i> spp. (Spirulina) for resilient industrial cultivation           |
| 12h25 - 13h35 | Lunch & networking break                                                                                                                                        |

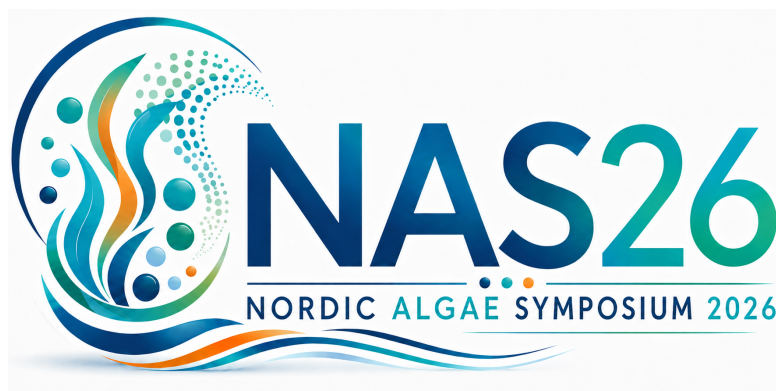


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|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 13h35 – 15h00 | Session 3: Algae in the circular bioeconomy<br>Chair: 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                                                                         |
| 14h45 – 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<br>Chair: Dorinde Kleinegriss                                                                                      |
| 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 – 16h14 | Sponsor pitch: Varicon Aqua                                                                                                                                      |
| 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 Nygårdssporten

|               |                                                |
|---------------|------------------------------------------------|
| 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*<br>Chair: Hanna Böppe                                                                                                 |
| 08h30 – 08h45 | Vinagre, F: Integrating diatom valorisation: sequential deep eutectic solvent recovery of frustules and bioactive compounds                                                    |
| 08h45 – 09h00 | Sirvanlioglu, B: Catalytic membrane technology to convert microalgae in growth medium into biofuels                                                                            |
| 09h00 – 09h15 | Villaró-Cos, S: Sustainable production and valorisation of <i>Porphyridium cruentum</i> for functional food and agricultural applications                                      |
| 09h15 – 09h30 | Mayers, K: Feeding the bloom: photophysiological responses of plankton to changing nutrient supply in Mediterranean and Norwegian coastal mesocosms                            |
| 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 <i>Chlorella sorokiniana</i> for functional food applications                             |
| 10h00 – 10h30 | Coffee & networking break                                                                                                                                                      |
| 10h30 - 11h30 | Session 6: Selected presentations of all session topics*<br>Chair: Anders Gjendemsjø                                                                                           |
| 10h30 – 10h45 | Rautenberger: Environmental Drivers of Phlorotannin Variability in the Macroalga <i>Alaria esculenta</i> (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 <sub>2</sub> 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)                                                                                                               |

