# Microalgae session Tuesday October 8

Session Chair Kjell Inge Reitan kjell.i.reitan@ntnu.no

Norwegian University of Science and Technology NTNU Dep Biology, 7491 Trondheim Norway





#### MICROALGAE Tuesday, October 8 14.30 - 17.30 Festival

Chair: Kjell Inge Reitan



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## **MICRO-ALGAE**

Some results from the session.....

# Microalgae production is still costly

- Scale Volume
- Different cultivation method
  - Photobioreactor
  - Phototrophic
  - Mixotrophic
- Use in larviculture
- Functional properties
  - Antimicrobial activity
- Feed for mussels
- New feed resource

=> High value biomass



H.Matsui et al.: Harvesting *Isochrysis* at phosphorus (P)-deficiency alone gave the highest content of docosahexaenoic acid (DHA) in the polar lipids (PL) of the cells.



### Upscaling production of Rhodomonas salina







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## Thank you

Alge flowing in transparent tubes. PHOTO: Mayor Astrid Aarhus Byrknes , Lindås Norway