

SUNNDALSØRA OCTOBER 16th-17th 2024

WEDNESDAY

Registration in the foyer of Sunndal kulturhus from 09:00

Excursion to the RAS facilities at Nofima 10-11:00

Lunch 11-12:00

Opening by the Norwegian Ministry of Trade, Industry and Fisheries 12:00
Together for a safe and successful post smolt production

Marianne Sivertsen Næss (NFD)*
Christian Rønning (Pure Salmon Technology)

Coffee break i the exhibition area

Session 1: Experiences and possibilities with production of post smolt 14-15:00

Is today's smolt production the smolt production of the future?
Experience with production and use of post smolt
Experience with post smolt production in floating closed facilities at sea
Experience and possibilities with production of post smolt

Per Anton Sæter (Åkerblå)
Øyvind Opdahl Viga (Tytlandsvik Aqua)
Siri Vike (Ovum)
Timo Rosche (Grieg Seafood)

Panel debate: Is production of post smolt the solution to reduce losses in sea? 15-15:45

Facilitator: Morgan Lillegård (Nofima)

Coffee break i the exhibition area

Session 2: Smolt production 16:15-17:45

Results from testing measures against nephrocalcinosis in facilities -
and ongoing research
Kidney function on salmonids - effect of photoperiod and salinity on the kidney
development during smoltification
Light control and smoltification - is it really that hard?
How does production system, temperature and salinity in the freshwater phase
affect the salmon's performance at sea
Innovative methods for oxygenation in smolt production

Christine Klykken (Aqua Kompetanse)

Marius Takvam (NORCE)
Tom Ole Nilsen (UiB)

Anja Striberny (Nofima)
Roman Netzer (Sintef)

Exhibition and welcome drink 17:45-19:00

Conference dinner 19-22:00

THURSDAY

Morning coffee in the exhibition area from 08:00

Sum up of CtrAQUA SFI

Åsa Espmark (Nofima)

Session 3: Feed and feeding in RAS 08:45-09:45

'Wining and dining' in RAS
The importance of feed for water quality in RAS
Omega-3 and zink in RAS and flow-through systems
RAS 4.0: Feeding in RAS

Erik-Jan Lock (Nofima)
Andre Meriac/René Alvestad (Nofima)
Gerd Marit Berge (Nofima)
Jelena Kolarevic (UiT/Nofima)

Coffee break i the exhibition area 9:45-10:45

Session 4: Fish health and welfare in RAS - biggest challenges 10:45-12:15

Animal welfare: It is not a choice, but a premise for growth in the industry
Gas bubble disease - cause and significance
Biosecurity breach and disinfection in Atlantic salmon brackish water RAS
Evaluating the effects of nitrate-nitrogen concentrations with heart rate bio-loggers
MortCam AI for Proactive Mortality Monitoring and Fish Health Management

Astrid Buran Holan (ScaleAQ)
Alf Seljenes Dalum (Aqua Kompetanse)
Carlo Lazado (Nofima)
John Davidson (Freshwater Institute)
Rakesh Ranjan (Freshwater Institute)

Lunch 12:15-13:15

Session 5: Water quality in RAS 13:15-14:45

The effect of particles in RAS on water quality, water chemistry and microbiota
Comparison of water quality in RAS and flow-through systems
Reduction of microplastic and plastic softeners in RAS
Ozone application in RAS: consequences for fish health and performance
Approaches for carbon dioxide degassing unit automation
Summary of the conference

Paulo Fernandes (NIVA)
Øyvind Mikkelsen (NTNU)
Thor Magne Johanssen (Akvaplan-niva)
Christopher Good (Freshwater Institute)
Kevin Stiller (Nofima)
Jelena Kolarevic (UiT/Nofima)

If you have questions about the conference, please contact us:

Ane Wennevold, Sunndal Næringssselskap, about practical issues:
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Trine Ytrestøyl, Nofima, about the programme:
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* To be decided