

## The final countdown: continuous physiological evaluation of fish welfare in sea pens and during journey to slaughterhouse

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In commercially farmed fish high levels of negative stress cause both high mortality and inferior meat quality. Yet, in modern fish farms where tens of thousands of fish are held together in large sea pens, stress and welfare are not easily assessed. With the use of novel implantable bio-loggers we monitor physiological indicators of stress in fish swimming with 5000 conspecifics within the sea pens during their last 3-4 weeks of life. With this method we are able to both identify and quantify stressful events in the sea pens and during harvesting.



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Seminar room at zoophysiology