

FABRE TP session at Davos EAAP 2021

"Breeding for the future: technology finds application in new phenotypes"

1st September 2021



Theatre session 34 from 9:00 to 12:00



Aspen Room 1&2 and online



This challenge session is organised by FABRE TP and aims to engage in discussion with research, academia and the private sector on how we can use the available technologies to produce new phenotypes and improve livestock and aquaculture breeding.



09:00: Keynote speech by Abe Huisman, Hendrix Genetics



09.15: Piter Bijma, WUR; Imagen, & Bas Rodenburg, Utrecht

A better life for pigs and laying hens, tools to phenotype behaviour in chicken and pigs and to store data. How data technology can improve traits such as animal behaviour.



09:30: Marian Dawkins, Oxford University

Optical flow for assessing broiler welfare at a flock level.



09:45: Evan Durland, Nofima

Phenotypic tools in Salmon related to welfare; examples how data driven technologies can be applied to improve welfare in fish.



10:00 - 10.30 Coffee break



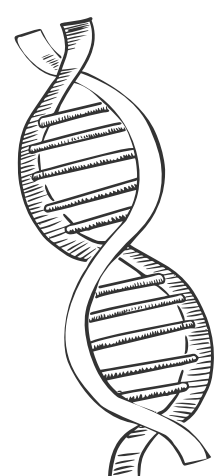
10:30 Sandrine Mignon-Grasteau, INRAE

New advances based on our feed station and its use for feed efficiency phenotyping.



10:45 Peter Klimek & Christa Egger-Danner, Complexity Science Hub; D4Dairy

Data driven technologies: overview of current research and possibilities related to producing proxies for new phenotypes important to a sustainable and responsible livestock production.



11:00 Open hybrid discussion

11.50 Wrap up

12:00 Closing

