

Preliminary Program for Biological Consequences of Selection, 17.-21. August

Teachers:

Prof. Odd Vangen, Norwegian University of Life Sciences

Prof. Lotta Rydhmer, Swedish Agricultural University

Dr. Nicolas Friggens, AgroParisTech

Dr. Elise Norberg, Aarhus University

Monday 17.8

08.30: Introduction to the course and presentation of participants

09.00: Ethical aspects of animal breeding (Elise)

12.00: Lunch

13.00: Inside the black box (Elise)

14.30: Growth and development (Odd)

16.30: End of day

19.00: Dinner

Tuesday 18.8

08.30: Resource allocation - growth, body composition (Odd)

12.00: Lunch

13.00: Maternal abilities and resource allocation and (Odd, Lotta)

15.00: Behavioural consequences of selection for high production (Lotta)

16.30: End of day

19.00: Dinner

Wednesday 19.8

08.30: Social effects and group selection (Lotta)

10.00: What is GxE and Environmental sensitivity? (Elise/Nic)

12.00: Lunch

12.30: Robustness, trade-offs and adaptive capacity (Nic)

14.00: Excursion/activities (tbd)

19.00: Dinner

Thursday 20.8

08.30: Systemic modelling to predict consequences of selection on resource allocation (Nic)

12.00: Lunch

13.00: Group work

15.00: Student presentation

17.00: End of day

19.00: Dinner

Friday 21.8

09.00: Feed efficiency - friend or foe of robustness? (Nic)

12.00: Lunch and departure

Preparatory reading will be sent around in due time before the course. Please bring a laptop for exercises etc.

Practical information regarding participation in the NOVA course “Biological Consequences of Selection”

The course program starts 08.30 on Monday 17., however, rooms and meals are organised from Sunday evening. So we recommend that you book your travel so you arrive Sunday afternoon.

Venue:

The course will take place 17.-21. August 2015 at Feriecenter Slettestrand (<http://slettestrand.dk/>), Slettestrandvej 140, 9690 Fjerritslev, Denmark. Accommodation will be in single rooms in a 2-3 bedroom holiday apartment and all meals will be served at the hotel. Bring shoes and clothing for being out-door (and swimming if you enjoy that), there are many possibilities for out-door activities in the evening and the venue is located very close to the beach. Temperatures can vary between 15 and 30 degrees, so check the weather forecast and/or bring clothing for different weather conditions.

Transport:

Aalborg airport is the nearest (about 40 km from the course venue) and we will organize pick-up on Sunday according to your arrival. The course ends at lunch Friday 21. And we will organize transport to the airport. If you are arriving by car and ferry via Oslo, Larvik or Gothenburg, it is approx. 1-1.5 hour driving from Frederikshavn or Hirtshals. Driving instruction:

<https://www.google.dk/maps/place/Slettestrandvej+140,+9690+Fjerritslev/@57.1278567,9.3730195,12z/data=!4m2!3m1!1s0x4649199ba1f05f05:0xa05f1b75e09cd092>

Course fees and cost of accommodation and meals:

There is no course fee for PhD or MSc students enrolled at any of the NOVA or BOVA universities. NOVA also covers the cost of meals (30 EURO pr. Day/150 EURO for the whole course, including dinner Sunday evening) for NOVA students. However, NOVA students must cover the cost for accommodation, which is 200 EURO for the whole course and should be paid directly to the hotel at departure. This includes 5 nights from Sunday 16. For BOVA students and other students/participants, the total cost for accommodation and meals is 350 EURO. This should be paid directly to the hotel at departure. For participants who are not enrolled at any of the NOVA or BOVA universities there will be a course fee of 200 EURO to be paid upon registration.

Note that NOVA only cover cost of meals for up to 25 NOVA students. If more NOVA students are registered we need to priorities among countries. This will be done in collaboration with the local NOVA contact person within the NOVA network for animal breeding.

Maximum no of participants are 30 and students from NOVA and BOVA universities have first priority.

Registration

To register for the course, please follow the registration link on the course web page (<https://www.nmbu.no/en/students/nova/students/phd-courses/phd-2015/node/18719>).

Regarding transport, please inform me on Elise.Norberg@mbg.au.dk on when and where you arrive and we will plan accordingly. If you have any questions, please do not hesitate to contact me.

Looking forward to see you in Denmark ☺