# MSC course: Biological consequences of selection, 21 - 25 August 2017

## Course organisers & teachers.

Elise Norberg, Aarhus University Roel Veerkamp, NMBU and Wageningen University

#### Teachers:

Odd Vangen, Professor, NMBU Lotta Rydhmer, Professor, SLU Nicolas Friggens, Directeur d'Unité, AgroParisTech

## Course topics:

- · Ethical aspects of animal breeding
- Growth and development genetic scaling
- · Maternal and social effects
- · Genetic variation of behavioural traits
- · Genotype x Environment interactions
- Robustness, trade-offs and adaptive capacity
- · Modelling and genetics of feed efficiency

## Practical information

This course will be organised as a joint PhD/MSc course. The students will to a large degree follow the same lectures, but material for preparation and assessment of the course will differ between the PhD (3 ECT) and the MSc (5 ECT) course.

#### Venue

The course will take place 21.-25. August 2017 at Hafjell Hotel & Apartments (http://www.hafjellhotell.no/), Hundervegen 33, 2636 Øyer, Norway. The course program starts 08.30 on Monday; however, rooms and meals are organised from Sunday evening. Therefore, we recommend that you book your travel so you arrive Sunday afternoon.

#### Transport

Hafjell/Øyer is located about 200 km north of Oslo. The nearest city to Hafjell/Øyer is Lillehammer, and Oslo Airport Gardermoen (about 55 km north of Oslo) is the closest airport. There are trains going to Lillehammer from Oslo city or Oslo Airport every hour (see <a href="https://www.nsb.no">www.nsb.no</a>). It takes about 1 hour and 50 minutes. There are busses from Lillehammer to Øyer (<a href="http://www.rutebok.no/nriiisstatictables/tables/ruter/t/05-521.htm">http://www.rutebok.no/nriiisstatictables/tables/ruter/t/05-521.htm</a>)

#### Cost of accommodation and meals

For students from institutions which are part of the <u>NOVA-BOVA-Nordplus Network</u> and who are taking the course as an MSc course, there are possibilities for NordPlus funding. NOVA covers the cost for meals and accommodation in double rooms for a limited number of NMBU students.

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

# Application

To apply for the MSc course, you must apply to NMBU and fill in a form concerning accommodation etc. Please follow the application link on the course web page <a href="https://www.nmbu.no/en/students/nova/students/msc-courses/msc-2017/node/30560">https://www.nmbu.no/en/students/nova/students/msc-courses/msc-2017/node/30560</a>

Application deadline: 15 May.

If you have any practical questions, please do not hesitate to contact me on Elise. Norberg@mbg.au.dk

Looking forward to seeing you in Hafjell ©