

# GenSAP 2018, Session 4

**Future Challenges for Research and Industry  
in Development and  
Application of Genomic Selection**

# GenSAP 2018, 4.1

- 08.30 **Introduction to the session by the chair**  
Professor Just Jensen, QGG AU
- 08.35 Professor Daniel Gianola, University of Wisconsin-Madison, USA  
*Alternative models for quantitative genetics and genomics*
- 09.05 Professor Peer Berg QGG AU / NMBU  
*Future use of big data in animal and plant breeding*
- 09.30 Professor Theo Meuwissen, NMBU  
*Super-large-scale genomic evaluation*
- 09.55 General questions
- 10.00 Coffee break

# GenSAP 2018, 4.2

- 10.00 Coffee break
- 10.30 Professor Mike Goddard, University of Melbourne, Australia  
*Functional genomics to understand gene function and gene regulation*
- 11.00 Head of turf research Christian Sig Jensen, DLF  
*Current status and future needs for grass breeding programs*
- 11.25 Senior researcher Jørn Rind Thomasen, QGG AU / Viking Genetics  
*Current status and future needs in cattle breeding programs*
- 11.50 Professor Søren K. Rasmussen, KU  
*Understanding the link between genotype and phenotype*
- 12.15 General Questions
- 12.25 Professor Mogens Sandø Lund, QGG AU  
*Closing remarks on GenSAP*
- 12.45 Lunch