



2019 interbull Annual Meeting- Scientific Program

Session	Time	Author	Scientific Report Title	
Saturday, June 22	08:30	Jighly, A.	meta-analysis to estimate SNP effects across countries	
	08:45	Kärkkäinen, H.	SNP information approximation method for multitrait across country genomic evaluations	
	<u>Evaluations: Interbull-related R&D and other new methodologies</u>		09:00 Benhajali, H.	Impact of genomic pre-selection on MACE
	Chair: E. Santus		09:15 Sullivan, P.	Modifying MACE to accommodate genomic pre-selection effects
		09:30	Misztal, I.	Fluctuations in genomic predictions with APY inversion
		09:45	Lourenco, D.	Stable indirect predictions with a large number of genotyped animals
	10:30	Masuda, Y.	Single-step GBLUP including more than 2 million genotypes with missing pedigrees for production traits in US Holstein	

Saturday, June 22				
	10:45	Lawlor, T.	Modelling different forms of selection for linear type traits in a single-step GBLUP analysis.	
	11:00	Mrode, R.	The application of several genomic models for the analysis of small holder dairy cattle data.	
	11:15	Jiang, J.	A scalable Bayesian mixed model approach for GWAS and genomic prediction	
Saturday, June 22	<u>Evaluations: new methodologies</u>			
	Chair: P. VanRaden			
		11:30	Liu, Z.	Genomic prediction of health traits using a mixed bull and cow reference population for German Holsteins
		11:45	Mota, R.R.	Strategy to stabilize GEBV estimation under a quickly evolving mixed sire and cow based reference population in the single-step evaluation system of the Walloon Region of Belgium
	12:00	van den Berg, I.	Genomic prediction for Australian Red Dairy cattle	
	12:15	Nicolazzi, E.I.	Enhancements to U.S. genetic and genomics evaluations in 2018 and 2019	
	16:00	Wasserman, C.	Infrastructure developments at Interbull Centre: opportunities for new traits	
	16:15	Stephen, M.	Novel Phenotypes to improve the rate of genetic gain in fertility for dairy cattle in New Zealand	

Saturday, June 22	<u>New traits and phenotypes collection:</u> <u>Fertility/Milk, Beef and</u> <u>Crossbreeding</u>	16:30	Oliveira Junior, G.A.	The Effect of Synchronized Breeding on Genetic Evaluations of Fertility Traits in Dairy Cattle
	Chair: Z. Liu	16:45	Macciotta, N.	Genomic selection of latent variables related to the milk fatty acid profile, milk composition, and udder health in dairy cattle
	17:00	Gengler, N.	Exploiting opportunities in dairy cattle breeding using mid-infrared spectral data associated to novel traits in the Walloon Region of Belgium	
	17:15	Evans, R.	From One to Many: Re-defining calving evaluations to cater for divergent cow types	
	17:30	Hely, F.	Application of non-linear weightings in industry breeding indexes	
	17:45	Davis, R.B.	Nordic breeding values for beef breed sires used for crossbreeding with dairy dams	

Sunday, June 23	<u>New traits and phenotypes collection:</u> <u>Feed Efficiency/Resilience</u>	08:30	Wiggans, G.	Extending genomic evaluation to crossbred dairy cattle US implementation
		08:45	Lidauer, M.	Genetic Evaluation for Maintenance - Towards Genomic Breeding Values for Saved Feed in Nordic Dairy Cattle
		09:00	de Jong, G.	Feed intake genetic evaluation: progress and an index for saved feed cost
		Chair: M. Goddard		

**Sunday,
June 23**

Genotypes

Chair: G. DeJong

09:15	Houlahan, K.	Comparing the use of dry matter intake and residual feed intake to improve feed efficiency in Holstein cattle.
09:30	de Haas, Y.	Use of at-market sensor technologies to develop proxies for resilience and efficiency in dairy cows
09:45	Atagi, Y.	Consideration of heat stress in multiple lactation test day models for dairy production traits.
10:30	Van Doormaal, B	Current Status and Activities of the ICAR DNA Working Group
10:45	Carrillo, A.	CDCB's Genotyping Laboratory Certification Program
11:00	Rozen, T.	Experience with GenoEx-PSE
11:15	Null, D.	Using the ARS-UCD1.2 reference genome in U.S. evaluations
11:30	Segelke, D.	Imputation of genetic characteristics using deep learning methods
11:45	Guinan, F.	Changes occurring in the breed composition of U.S. dairy herds