



Scientific Program - Interbull 2018 Open Session

7-11 February, Aotea Centre, Auckland, New Zealand

Session	Time	Author	Scientific Report Title	Organization
Saturday 10 February	16:00	E. Nicolazzi	Genomics in the U.S. Dairy Industry: current and future challenges	CDCB
	16:15	M. Stephen	Developing metrics to rank individual herds according to data quality	DairyNZ
	16:30	A. Sunstrum	A New Data Paradigm: Improving the well-being, profitability, and sustainability of beef and dairy herds using an on-farm automated continuous novel phenotyping and informed genomics platform	Growsafe Systems Ltd.
	16:45	O. Powell	Can genomics enable genetic evaluation with phenotypes recorded on small-holder farms?	University Of Edinburgh/Roslin Institute
	17:00	E.C. Ooi	Use of the Daughter Fertility Australian Breeding Value to improve herd reproductive performance of dairy cows in Northern Victoria. A retrospective cohort study to examine the efficacy of the daughter fertility ABV, as well as to explore the attitudes and intentions of dairy farmers toward selection of high daughter fertility ABV sires.	University Of Melbourne
Saturday 10 February	17:15	J. Pryce	Using genomics to improve dairy heifer selection decisions	Agriculture Victoria

Interbull Open 1:
Availability and use of genetic and genomic information in dairy and beef herd management.

Chair: Andrew Cromie and Matthew Shaffer



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Saturday 10 February	Interbull Open 2: R&D in (inter)national evaluations: Calving traits and fertility in dairy and beef cattle.	16:00	R. Lefebvre	Genetic evaluation for stillbirth in French beef cattle breeds	Inra
		16:15	F. Pearston	Calf survival evaluations for the UK Dairy industry	Agriculture And Horticulture Development Board
		16:30	T. Pabiou	Using direct and maternal Interbeef information to increase genetic gains in Irish beef	Irish Cattle Breeding Federation
		16:45	K. Stachowicz	Changes to the genetic evaluation of fertility in Irish dairy cattle	AbacusBio Ltd
		17:00	A. Liu	Genotype by environment interaction for female fertility traits under conventional and organic production systems in Danish Holsteins	Aarhus University
		17:15	S. Suyadi	Evaluation of reproductive performance and fertility index of Local Ongole x Limousin or Simmental Crossbred Cattle in Jombang Regency-East Java Province, Indonesia	Faculty Of Animal Science
Sunday 11 February	Interbull Open 3: R&D in (inter)national evaluations: Implementation of new	08:30	F. Malchiodi	Implementation of genomic evaluation for digital dermatitis in Canada	CGIL - University Of Guelph
		08:45	N. Chafeddine	Genetic and genomic evaluation of claw health traits in Spanish dairy cattle	Complutense University Of Madrid



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traits in dairy and beef cattle. Chair: Gert Pedersen Aamand	09:00	H. Hamann	Estimation of the heritability of a newly developed ketosis risk indicator and the genetic correlations to other traits in three German cattle breeds	State Office For Geo-information And Rural Development
	09:15	M. Price	Genetic parameters of immune response estimated using two genetically divergent groups of Holstein-Friesian dairy heifers	Dairynz
	09:30	E. Rius Vilarrasa	Improved genetic evaluation of health traits using metabolic biomarkers in Nordic dairy cattle	Växa Svergie
	09:45	J. Vosman	Genetic parameters for health traits using farmer recorded data in the Netherlands	CRV
	10:00	R. Finocchiaro	Alternative use of Somatic Cells Counts in genetic selection for mastitis resistance: a new breeding value for Italian Holstein breed	ANAFI
	10:15	L. De Haer	Genetic relation between antibody response and faecal shedding of MAP in dairy cattle	Crv
Interbull Open 4: Free Communication	11:00	M. Axford	Genomic breeding values for heat tolerance in dairy cattle	Agriculture Victoria
Chair: Hossein Jorjani	11:15	Y. Atagi	Effect of heat stress on production traits of Holstein cattle in Japan: parameter estimation	Graduate School of Agriculture and Life Science, Lab of Biometry



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		using test day records of first parity and genome wide markers	and Bioinformatics, University of Tokyo
11:30	Y. Wang	Genetic analysis of skinfold thickness and its association with body condition score, and milk production traits in Chinese Holstein population	China Agricultural University
11:45	A. Mukherjee/S. Mumtaz	Use of single nucleotide polymorphisms in PPP1R11 genes associated with daughter pregnancy rate for prediction of genetic merit for reproduction in Karan Fries bull	Indian Council Of Agricultural Research
12:00	R. Torres Junior	Is a 35-day feeding test with automatic daily weighting good enough for evaluating beef cattle for feed efficiency traits?	Embrapa Beef Cattle

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12:15	M. Camara	A novel, comprehensive genetic and management initiative to reduce the environmental impact of New Zealand dairy cattle.	Dairynz - Nzael
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Interbull Open 5: Addressing the challenges of genomic selection in international genetic	13:30	G. Wiggans	Discovering and validating relationships among genotyped animals	Council on Dairy Cattle Breeding
	13:45	M. Calus	Efficient computation of base generation allele frequencies	Wageningen University & Research Animal Breeding and Genomics



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and genomic evaluations in dairy and beef cattle. Chair: Vincent Ducrocq	14:00	D. Lourenco	Tuning indirect predictions based on SNP effects from single-step GBLUP	University of Georgia
	14:15	P. Vanraden	Validating Genomic Reliabilities and Gains from Phenotypic Updates	Usda-agil
	14:30	B. Harris	Genomic reliability algorithm for a single step marker model	LIC
	14:45	J. Vandenplas	Integration of foreign estimates of SNP effects into a domestic SNPBLUP	Wageningen University & Research
	15:00	E. Mäntysaari	Solutions for the fixed effects, yield deviations and daughter yield deviations from a data subject to genomic selection	Natural Resources Institute (luke)
	15:15	E. Venot	Assessment of Single Step benefits for on-farm French National Beef genetic evaluations of birth and weaning traits	Inra