



Interbull Annual Meeting

21 – 22 June 2025

Mariott Downtown Louisville, Kentucky

Programme

Saturday 21 June		
08.30-10.30 Session 1- Implementing New Traits Chair: Filippo Miglior Kentucky Ballroom E		
8:30	Welcome	Dr Matthew Shaffer, Interbull Steering Committee Chair, and ADSA President Dr. Mike VandeHaar
8:40	A. Nazari	MACE portfolio: Expansion to new traits
8:55	A.Fleming	Genomic Evaluation for Calf Health in Canada
9:10	M. Axford	Genomic predictions for dairy calf health traits
9:25	X. Wu	Reliability Assessment of Single-Milking Fat and Protein Percentages in Dairy Cattle
9:40	A. Kudinov	Update of genetic parameters and inclusion of Swedish and Finnish β -hydroxybutyrate and acetone measurements to the Nordic General Health evaluation model.
09:55	F. Galluzzo	Genetic evaluation of twinning rate in Italian Holstein
10:10	B. Cuyabano	Genetic correlation: a heritable parameter
10.30-11.00 Coffee break		
11.00 – 12.30 Business Meeting I Kentucky Ballroom E		
12.30-13.30 Lunch Kentucky Ballroom A-D		



13.30- 15.00 Session II - Experience with Single Step I Chair: Urs Schnyder Kentucky Ballroom E		
13:30	K. Stachowicz	Implementation of single-step genetic evaluation in Poland
13:45	K. Wijnrocx	Implementation of a single-step genomic evaluation system for dairy cattle in Wallonia, Belgium
14:00	J. Heise	Introduction of Single Step genomic evaluations in German Holsteins
14:15	S. Id-Lahoucine	Transition of the UK dairy national evaluation to across-breed and single-step genomic evaluation: somatic cell counts as a case trait
14:30	I. Ampofo	One Moo-ve Closer: Single-step Genomic Predictions for Crossbred Holstein and Jersey Cattle Using Metafounders
14:45	K. Byskov	Implementation of single-step genomic BLUP in the Nordic evaluation for beef cattle
15.00-15.30 Coffee Break		
15.30-17.00 Session III - Experience with Single Step II Chair: Ezequiel Nicolazzi Kentucky Ballroom E		
15:30	S. Widmer	Single-step genetic evaluation for claw health traits in Switzerland
15:45	Z. Liu	Optimisation of the German single-step SNP BLUP model for calf fitness in Holstein
16:00	D. Słomian	Alternative Approaches to handling missing parents in genetic evaluation of dairy cattle using single-step test-day SNP-BLUP model
16:15	H. Eding	Integration of single step DGV in conventional genetic evaluations using DGV-PBLUP
16:30	A. Legarra	Lazy computation of Residual Polygenic effects
16:45	H. Gao	Comparing methods for approximating reliabilities in large-scale single-step genomic evaluations
19:00	Interbull Dinner	The Brown Hotel, Louisville. (For those who have registered)



Sunday 22 June

08.30-10.30

Session IV - Meta-analysis & Big Data

Chair: Daniele Vicario

Kentucky Ballroom E

8:30	M. Axford	Is 'Farmeromics' the missing omic?
8:45	P. Stratz	Integration of MACE breeding values into Swiss multi-trait test-day model evaluation
9:00	B. Makanjuola	Genetic and genomic relationships among Canadian Holstein dairy cattle population and international Holstein bulls
9:15	A. Rossoni	Improve of Stability of Test-Day Repeatability Model for Production Traits in Italian Brown Swiss
9:30	T. McWhorter	Foundational Review of U.S. Female Fertility Trait Evaluations
9:45	A. Wang	Genetic analysis provides insight into estrus expression in Holstein cows
10:15	J. Mugambe	Female inclusive MACE for improved genetic evaluations in small populations: A special case for Ayrshire dairy herds

10.30-11.00 Coffee Break

11.00-12.30

Session V

Efficiency & Sustainability I: Methane

Evaluations Chair: Jan-Thijs van Kaam

Kentucky Ballroom E

11:00	Raphael Mrode	Variance components estimation for methane emission under various cow activities in smallholders' dairy farms
11:15	J. Vandenplas	Quantifying the effective contribution of phenotypic records to genetic evaluations: a case study on enteric methane emissions
11:30	R. Stephansen	Genomic prediction of enteric methane emissions in Danish Holstein using single step and multi-trait prediction models



11:45	G. de Jong	Sustainable dairy breeding: reducing methane emissions in the Netherlands and Flanders
12:00	N. Gengler	Advancing Genomic Evaluation for Methane Efficiency in Walloon Holstein Cattle towards Implementation
12:15	A. Wang	Weighted single-step genome-wide association studies for methane intensity in Chinese Holstein cattle
12.30-13.30 Lunch Kentucky Ballroom A-D		
13.30-15.00 Business Meeting II (All Welcome) Kentucky Ballroom E		
15.30-17.00 Session VI Efficiency & Sustainability II Chair: Marija Klopčič		
15:30	M. van Pelt	Genetic evaluation for longevity of dairy cattle in the Netherlands
15:45	B. Van Doormaal	Modernizing Canada's Lifetime Performance Index (LPI)
16:00	J. Graham	Quantifying the use of and the genetic progress from advanced mating strategies in US dairy herds
16:15	J.T. van Kaam	Expanded Genetic Evaluation of Heat Tolerance in Italian Holsteins
16:30	R. Stephansen	Nordic Genetic Evaluation of Feed Efficiency – Updated Model for Saved Feed in Nordic Dairy Cattle Breeds.
16:45	R. Bonifazi	The M3GE project: developing beef cattle multi-trait multi-breed multi-country genomic evaluations for sustainability traits and small populations.
17:00	M. Shaffer	Close