



Scientific Program - 2021 Interbull Virtual Open Sessions

Full videos presentations will be available on www.icar2021.nl starting from April 19th, during the virtual meeting only the 3 minutes' videos pitch for each presentation will be presented.

Session	Author	Scientific Report Title
Monday, April 26 14:00 – 14:45 Meta-analytical methods in animal genetic and genomic evaluation. Chair: M. Goddard	Opening by Interbull's SC chair (M. Shaffer)	
	S. Savoia	“SNPMace” (International SNP Evaluations) - next steps towards the first pilot run.
	H. Kärkkäinen	EuroGenomics full reference SNP MACE: Projecting national full reference genotypes to common EuroGenomics
	S. Toghiani	National Index Correlations and Actual vs. Expected Use of Foreign Sires
	12 minutes <i>Interactions with speakers and audience</i>	
	S. Savoia	Interbull genomic evaluation of small Holstein populations (InterGenomics-Holstein).
	K. Mafolo	Establishing genomic predictions for dairy traits in South African Holstein and Jersey cattle small and predominantly
	8 minutes <i>Interactions with speakers and audience & Closing</i>	

<p>Monday April 26 14:55 – 15:55</p> <p>Implementing new traits in genetic and genomic evaluation systems: Health & Fertility.</p> <p>Chair: B. VanDoormaal</p>	J.-T. van Kaam	Implementation of Ketosis breeding value in Italian Holstein
	K. Schodl	The D4Dairy-Project – How digitalisation and data integration pave the way to dairy health improvement
	J. Jamrozik	Genomic evaluation for resistance to fertility disorders in Canadian dairy breeds
	12 minutes Interactions with speakers and audience	
	R. Reis Mota	Use of international clinical mastitis data as independent trait in the USA evaluation system
	R. Saintilan	Harmonization of maternal traits in Eurogenomics countries
	8 minutes Interactions with speakers and audience	
	A. Kudinov	Handling of inbreeding and semen sire breed in the Nordic Holstein fertility evaluations as part of EuroGenomics
	S. Biffani	Improving the model for genetic evaluation of calving traits in the US Holstein and Brown Swiss
	8 minutes Interactions with speakers and audience & Closing	

<p>Monday April 16 16:05 – 17:10</p> <p>New developments in Single Step genomic evaluations and validation methods.</p> <p>Chair: P. Sullivan</p>	D. Lourenco	Single-step genomic predictions for yield traits in US Holsteins with unknown parent groups and phenotype-pedigree truncation
	J. Vandenplas	Interim genomic prediction considering newly acquired genotypes and phenotypes
	A. Kudinov	Single-step genomic predictions of a minor breed concurrently with the large national genomic evaluations of main breeds
	12 minutes Interactions with speakers and audience	
	L.-H. Maugan	An approach to reduce computing time in multi-trait single-step evaluations.
	Ø. Nordbø	Including genetic groups as fixed or random effects in large scale single-step genomic predictions
	Z. Liu	A deregression method for single-step model using all genotype data
	12 minutes Interactions with speakers and audience	
	Y. Masuda	Are ssGBLUP de-regressed proofs unbiased?
	P. VanRaden	Improved genomic validation including extra regressions

8 minutes Interactions with speakers and audience & Closing

Friday April 30 14:00 – 15:10 Experiences with Single Step genomic evaluations. Chair: Z. Liu	E. Pimentel	Effects of use of external information in Single-Step evaluations for linear type traits in Brown Swiss
	T. Andersen	Using single-step genetic evaluation for type traits in the Nordic countries
	H. Alkhoder	Application of a single-step SNP BLUP model to conformation traits of German Holsteins
	12 minutes Interactions with speakers and audience	
	J. Himmelbauer	Implementation of single-step evaluations for fitness traits in the German and Austrian Fleckvieh and Brown Swiss populations
	A. Cesarani	Multi-breed genomic evaluation for dairy cattle in the US using single-step GBLUP
	12 minutes Interactions with speakers and audience	
	M. Koivula	Meta-model for genomic relationships of metafounders applied on large scale single-step random regression test-day model
	S. Biffani	Pitfalls and opportunities of genetic and genomic evaluation in the Buffalo species: experiences from Italy
	8 minutes Interactions with speakers and audience & Closing	

Friday April 30 15:20 – 15:55

Genetic and Genomic evaluations in beef and cross bred cattle.

R. Bonifazi	Re-ranking in international beef cattle evaluations due to ignoring direct-maternal genetic correlations between countries
B. Gredler-Grandl	Genomic GxE approaches modelling heterogeneous SNP variances: applied to age at slaughter in Irish crossbred beef cattle
8 minutes Interactions with speakers and audience	

Chair: A. Cromie	T. Pitkänen	Towards genomics in Finnish beef cattle - genetic multibreed evaluations fitted
	G. Wiggans	Genomic evaluation of crossbred dairy cattle in the United States
	<i>8 minutes Interactions with speakers and audience & Closing</i>	

<u>Friday April 30 16:05 – 17:00</u> Implementing new traits in genetic and genomic evaluation systems: Feed Efficiency & Environmental Impact. Chair: G. Pedersen Aamand	R. Mrode	Genomic prediction for feed intake in UK dairy cattle
	R. B. Stephansen	Genomic prediction of residual feed intake in the Nordic breeds using data from research herds and 3D cameras in commercial herds
	K. Parker Gaddis	Implementation of Feed Saved evaluations in the U.S.
	G. Kistemaker	Genomic evaluation for feed efficiency in Canadian Holsteins
	<i>15 minutes Interactions with speakers and audience</i>	
	J.López-Paredes	Dry matter intake, methane emissions and microbiome profiles as new traits for feed efficiency
	N. Gengler	First steps to implement genomic evaluations for butter softness and spreadability in dual-purpose Belgian Blue cattle
	<i>9 minutes Interactions with speakers and audience & Closing</i>	