



Congress on Saturday and Sunday

Presentation 12 minutes + 3 minutes for questions.

Location : CENTRE DE CONGRÈS DE LYON

Saturday 26/8

8:00-10:00 Session I: new methodology (Room **Prestige Gratte-Ciel**, plenary session)

Chairman: Raphael Mrode

Schedule	Speaker	Topic
8:00-8:15	Matthew Shaffer (Interbull President) and Jean-Paul Rault (FGE president)	Opening
8:15-8:30	Renzo Bonifazi	Using genomic data to estimate genetic correlations between countries with different levels of connectedness.
8:30-8:45	Andres Legarra	Effect of modelling unknown parent groups and metafounders on the historical genetic trend of fertility traits
8:45-9:00	Martin Schlather	Software project 'miraculix': Efficient computations with large genomic datasets
9:00-9:15	Alexander Freudenberg	Accelerating single-step evaluations through GPU offloading
9:15-9:30	Yury Tavyrikov	Development of an analytical tool for animal genetic progress assessment based on gEBVs calculated with a single-step model, pedigrees, genotyping data and results of its on-farm implementation
9:30-9:45	Didier Boichard	Methods to estimate erosion factors of genomic breeding values of candidates due to long-distance linkage disequilibrium
9:45-10:00	Lisa Hein	The value of increased heterozygosity in dairy cattle

10:00-10:30 Break

10:30-12:00 Session II-A: Big data (Room **Prestige Gratte-Ciel**, parallel session)

Chairman: Ezequiel LUIS NICOLAZZI

Schedule	Speaker	Topic
10:30-10:45	Xiaolin Wu	Breaking the bin: Why does continuous milking interval time matter for getting test-day milk yields right?
10:45-11:00	Niek Meijer	Udder classification based on AMS-data
11:00-11:15	José A. Carrillo	Implementation of adding discovered grandsires and great grandsires using constructed ID
11:15-11:30	Jeffrey R. O'Connell	Quality and value of imputing gene tests for all animals



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11:30-11:45	Raphael Mrode	Changes in the genome architecture of two groups of dairy bulls with marked differences in their direct genomic breeding values for production traits in the UK
11:45-12:00	Paul VanRaden	Modeling identical twins, split embryos, and nuclear transfer clones in dairy cattle genetic evaluation

10:30-12:00 Session II-B: Sustainability (Room **Gratte-Ciel 2&3**, parallel session)

Chairman: Marija KLOPCIC

Schedule	Speaker	Topic
10:30-10:45	Claudia Kasper	The genetic background of nitrogen use efficiency and methane emissions in Swiss dairy cows
10:45-11:00	Björg Heringstad	Heritability of methane emission in young Norwegian Red bulls estimated from GreenFeed measures at the test station
11:00-11:15	Brian Van Doormaal	Development of Methane Efficiency Evaluations for Canadian Holsteins
11:15-11:30	Marco Winters	The EnviroCow index and its impact on the UK dairy industry's carbon footprint
11:30-11:45	Karoline A. Bakke	Breeding values for daily dry matter intake in Norwegian Red dairy cows and correlation to other traits
11:45-12:00	Sophie Aguerre	Meta-analysis for heat tolerance traits in Holstein in France, the Netherlands and Spain

12:00-13:30 Lunch

13:30-15:00 Interbull Business meeting (Room **Prestige Gratte-Ciel**)

15:00-15:30 Break

15:30-17:30 Session III-A: Big data & experiences with Single Step (Room **Prestige Gratte-Ciel**, parallel session)

Chairman: Urs SCHNYDER

Schedule	Speaker	Topic
15:30-15:45	Jan-Thijs van Kaam	Inbreeding becomes a serious issue
15:45-16:00	Thomas Lawlor	Including genetic diversity as part of the international breeding goal for Holsteins.
16:00-16:15	Dawid Słomian	A comparison of genomically enhanced breeding values predicted by different single step models
16:15-16:30	Janez Jenko	Approximate single step genomic predictions for Norwegian Red cattle
16:30-16:45	Gert Nieuwhof	Inclusion of MACE proofs in single-step genomic analysis
16:45-17:00	Jason Reding	Evaluating the effect of ssGBLUP on a composite beef cattle population with limited pedigree completeness
17:00-17:30		General discussion



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15:30-17:30 Session III-B: Crossbreed (Room **Gratte-Ciel 2&3**, parallel session)

Chairman: Gert PEDERSEN AAMAND

Schedule	Speaker	Topic
15:30-15:45	Judith Himmelbauer	Investigation on the metafounder concept in ssGBLUP based on a simulated cattle population
15:45-16:00	Matti Taskinen	Estimation of metafounder relationships for multibreed single-step genomic evaluation of Finnish beef breeds
16:00-16:15	Emre Karaman	Genomic evaluation of crossbred dairy cows considering breed origin of alleles
16:15-16:30	Timo Pitkänen	Multibreed single-step genomic evaluation model for Finnish beef cattle
16:30-16:45	Kevin Byskov	Beef on Dairy genomic evaluation for feed efficiency, methane emission and meat quality
16:45-17:00	Haifa Splittorff	Multi breed genetic evaluation of beef bulls used in dairy herds – emphasis on newest development
17:00-17:30		General discussion

19:30-23:00: Interbull dinner, Brasserie Georges

Sunday 27/8 (1 room)

8:00-10:00 Session IV: experience with Single step (Room **Prestige Gratte-Ciel**, plenary session)

Chairman: Brian VAN DOORMAAL

Schedule	Speaker	Topic
8:00-8:15	Zengting Liu	De-regressed genomic breeding values from single-step evaluations of test-day traits using all genotype data
8:15-8:30	Vincent Ducrocq	Implementation of a single-step evaluation combining information on traits described by completely different models: the example of functional longevity
8:30-8:40	Zengting Liu	Interbull Genomic Reliability - conclusion from the working group
8:40-8:55	Zengting Liu	Application of the Interbull genomic reliability method for single-step evaluation of test-day and conformation traits in German Holsteins
8:55-9:15	Paul VanRaden	Conclusions of the validation working group
9:15-9:30		General Discussion

9:30-10:00 Break



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10:00-12:00 Session V: New traits [1] (Room **Prestige Gratte-Ciel**, plenary session)

Chairman: Laurent JOURNAUX

Schedule	Speaker	Topic
10:00-10:15	Valentina Palucci	New services
10:15-10:30	Allison Fleming	Genomic Evaluations for Body Maintenance Requirements in Canadian Holsteins
10:30-10:45	Katarzyna Stachowicz	Genetic trends in gestation length
10:45-11:00	Johannes Heise	Genetic evaluation of persistency in extended lactations
11:00-11:15	Rodrigo Mota	International evaluations for clinical mastitis in Brown Swiss
11:15-11:30	F. Galluzzo	Implementation of a routine genetic evaluation of milk coagulation properties in Italian Holstein breed
11:30-11:45	Nicolas Gengler	Developing a genomic evaluation system using MIR-predicted CH ₄ and MACE traits related to expected CH ₄ emissions
11:45-12:00	Attilio Rossoni	Evaluating male fertility in Brown Swiss cattle combining multiple sources of information

12:00-13:30 Lunch

13:30-15:00 Interbull Business meeting (Room **Prestige Gratte-Ciel**)

15:00-15:30 BREAK

15:30-16:30 Session VI: New traits [2] (Room **Prestige Gratte-Ciel**, plenary session)

Chairman: Daniele VICARIO

Schedule	Speaker	Topic
15:30-15:45	Fernando Macedo	New international evaluation for carcass traits
15:45-16:00	Ezequiel Luis Nicolazzi	New mutation within a common haplotype is associated with calf recumbency in Holsteins
16:00-16:15	Helene Leclerc	A single-step genomic evaluation of claw health traits in French Holstein, Montbéliarde and Normande breeds
16:15-16:30	Ludmila Zavadilova	Genomic Evaluation for Foot and Claw Disorders in Czech Holstein

16:30-17:15 Interbull Technical committee (Room **Gratte-Ciel 1**)

17:15-18:00 Interbull Steering Committee (Room **Gratte-Ciel 1**)

18:00 – Cocktail WAAP (open to Interbull participants)