



Interbull Meeting

Niagara Falls, NY, June 16th – 19th, 2008

Venue: Conference Centre Niagara Falls
101 Old Falls Street

PROGRAMME

Tuesday, June 17th, 2008

08:00 – 09:45 Interbull Business Meeting

10:15 – 18:00 Interbull Open Meeting

Beef (inter)national genetic evaluations

Chair: Gert Pedersen Aamand

10.15 Level of connectedness and reliability in international beef cattle evaluation
E. Venot, P. Sullivan, M.N. Fouilloux, D. Laloë

10.30 Fattening beef for froggies. Postweaning evaluations in French beef breeds
M.N. Fouilloux, E. Venot and D. Laloë

10.45 Developments in national and international beef evaluations; some experiences from Ireland
R.D. Evans, T. Pabiou, A. Cromie, F. Kearney, R. Veerkamp and P. Amer

11.00 Genetic parameters for beef carcass yield in Ireland
T. Pabiou, W.F. Fikse and D. Berry

11.15 *Discussion*

Advances in national evaluation methods

Chair: Enrico Santus

11.30 How to summarize historic test-day data?
V. Ducrocq and M. del P. Schneider

11.45 Impact of data editing on fat and protein content on stability of test day model evaluation
F. Canavesi, G.B. Jansen, E.L. Nicolazzi, S. Biffani and R. Finocchiaro

12.00 **Lunch break**

- 13.00 Strategy for estimation of variance components for joint Nordic yield evaluation
P. Madsen, M. Lidauer and E. Mäntysaari
- 13.15 Accounting for the effect of pregnancy in the Canadian test day model
J. Bohmanova, F. Miglior, J. Jamrozik, L.R. Schaeffer and S. Loker
- 13.30 Including production in female fertility evaluations
A. Sewalem and G. Kistemaker
- 13.45 Preliminary evaluations for production traits in mixed breed populations in the United Kingdom.
R. Mrode, M. Coffey and E. Wall
- 14.00 Genetic evaluation for casein contents in Italian Brown Swiss: Preliminary results
A. Rossoni, O. Bonetti, C. Nicoletti and A. Bagnato
- 14.15 Genetic correlations between somatic cell score and milkability in the first three lactations in Fleckvieh
J. Doderhoff and R. Emmerling
- 14.30 Comparison between methods for estimation of breeding values for longevity in Slovenian Holstein population
K. Potoènik, J. Krsnik and M. Štepec
- 14.45 Relationship between gestation length, calving difficulty, and perinatal mortality in primiparous Holstein cows
K.A. Weigel, E. Lopez de Maturana, X.L. Wu, D. Gianola and G.J.M. Rosa
- 15.00 ***Coffee break***
- 15.30 Bayesian inclusion of external evaluations into a national evaluation system: application to milk production traits
N. Gengler, S. Vanderick
- 15.45 Managing genetic recessives in Canadian Holsteins
B. J. Van Doormaal and G. Kistemaker
- 16.00 ***Discussion***
- New traits for (inter)national evaluation**
Chair: Jan Philipsson
- 16.30 Application of a multivariate random regression sire model to estimate genetic parameters among milk yield, somatic cell count and laminitis
S. König, M. Tietze and H. Simianer

- 16.45 Estimates of breeding values for sires based on diagnoses recorded at hoof trimming: Relationships with EBV for conformation traits
H.H. Swalve, H. Alkhoder and R. Pijl
- 17.00 Genetic correlations between claw health and feet and leg conformation traits in Swedish dairy cows
E. Ugglå, J.H. Jakobsen, J-Å. Eriksson and E. Strandberg
- 17.15 Results of the pilot study for body condition score and locomotion
T.J. Lawlor and B. Klei
- 17.30 Results of a pilot study for workability traits
J.H. Jakobsen, H. Jorjani and V. Palucci
- 17.45 *Discussion*

18:00 Wine and Cheese Reception (Conference Center)

Wednesday, June 18th, 2008

08:00 – 09:30 Interbull Open Meeting

Developments in International Genetic Evaluation (1)

Chair: Hans Wilmink

- 08.00 Joint genetic evaluation of other disease traits in Denmark, Finland and Sweden
K. Johansson, J. Pösö, U. Sander Nielsen, J-Å. Eriksson and G. P. Aamand
- 08.15 Use of national and international EBVs of fertility in total merit index
S. Minéry
- 08.30 Experiences in combining MACE fertility proofs to the new German daughter fertility index RZR
S. Rensing, Z. Liu, F. Reinhardt
- 08.45 On the dilution of information
H. Jorjani
- 09.00 To be connected or not? Answers for dairy cattle international genetic evaluations.
M.N. Fouilloux, R. Dasseville, S. Minéry, S. Mattalia, D. Laloë, W.F. Fikse
- 09.15 *Discussion*
- 09.30 *Coffee break*

10:00 – 12:30 ICAR Opening session

12.30 *Lunch break*

13:30 – 16:00 Interbull-ICAR joint session

Use of molecular genomic tools in animal breeding

Chair: Reinhard Reents

13.30 Short introduction into this topic

R. Reents Chairman of Interbull Steering Committee

13.35 Bull Selection Strategies Using Genomic Estimated Breeding Values

L.R. Schaeffer

14.00 Genomic selection in New Zealand and the implications for national genetic evaluation

B.L. Harris, D.L. Johnson and R.J. Spelman

14.15 Incorporation of genotype effects into animal model evaluations when only a small fraction of the population has been genotyped

E. Baruch and J.I. Weller

14.30 Genomic data and cooperation result in faster progress

P.M. VanRaden, C.P. Van Tassell, G.R. Wiggans, T.S. Sonstegard, R.D. Schnabel and F. Schenkel

14.45 Genomic evaluations in the United States and Canada: A collaboration

G.R. Wiggans, T.S. Sonstegard, P.M. VanRaden, L.K. Matukumalli, R.D. Schnabel, J.F. Taylor, J.P. Chesnais, F.S. Schenkel and C.P. Van Tassell

15.00 Distribution and location of genetic effects for dairy traits

J.B. Cole, P.M. VanRaden, J.R. O'Connell, C.P. Van Tassell and R.D. Schnabel

15.10 Status of Genomic Selection in the Netherlands

R. van der Linde and H. Wilmink

15.20 SNPs for parentage testing, individual identification, and traceability

B. Woodward

15.30 *Discussion*

16.00 *Coffee break*

16:30 – 18:30 Interbull Open Meeting

Developments in International Genetic Evaluations (2)

Chair: Paul VanRaden

- 16.30 Estimating genetic correlations of traits relevant for calculating total merit index
Z. Liu, J. Tarres, V. Ducrocq, F. Reinhardt and R. Reents
- 16.45 Principal component approach in describing the across country genetic correlations
A.M. Tyrisevä, M. Lidauer, V. Ducrocq, P. Back, W.F. Fikse and E.A. Mäntysaari
- 17.00 Strategies for solving Mace MME
W.F. Fikse
- 17.15 Combining MACE breeding values on a phantom country scale
H. Taeubert, Z. Liu and F. Reinhardt
- 17.30 Analysis of bull proof conversions for bulls of different origins
G. de Jong
- 17.45 Assessment of predictive ability of MACE for production traits of Italian and foreign bulls
J.B.C.H.M. van Kaam, R. Finocchiaro, S. Biffani and F. Canavesi
- 18.00 *Discussion*

19:00 Social Time and Dinner (Top of the Falls), with visit to Niagara Falls

Thursday, June 19th, 2007

08:00 – 10:00 Interbull Business Meeting

Other meetings

- Monday, June 16th, 08:00 – 12:00 Beef & Interbeef Working Group
- Monday, June 16th, 09:00 – 12:00 Interbull Technical Committee Meeting
- Monday, June 16th, 13:00 – 18:00 Interbull Steering Committee Meeting
- Thursday, June 19th, 10:30 – 15:00 Interbull Steering Committee
- Thursday, June 19th, 15:00 – 17:30 Interbull Technical Committee
- Thursday, June 19th, 19:00 – 23:00 Barbecue (at end of tours)**