



# Mendelian Sampling

Chair: Gert Pedersen Aamand (SC member & ITC chair)

Interbull Technical Workshop

Sunday 26<sup>th</sup> Dubrovnik, Croatia



# Mendelian Sampling WS

- Welcome to the Mendelian Sampling session!
- Recap of the Day's Activities:
  - 8:30 -10:15 Mendelian Sampling session
  - 10:15 – 10:45 Coffee Break
  - 10:45 – 12:45 Genomic Reliabilities session
  - 12:45 – 13:45 Lunch



# Short Overview of Past Actions

✓ 2012 Test software developed for Interbull service users  
([Tyrisevä et al, 2012](#))

✓ Nantes 2013 - Ok to proceed with a pilot study

✓ Berlin 2014 – First pilot run results

➤ 26% of combinations failed the test

➤ Countries investigation revealed faulty data being used

➤ Software Adjustments

➤ September 2017: Software applied to all breeds for production traits

➤ January 2018: Software applied to all breeds/all traits

➤ Software Adjustments

(WG: E. Mäntysaari (chair), M. Lidauer, A. M. Tyrisevä, G. Pedersen Aamand, F. Fikse, V. Palucci)



# Mendelian Sampling Programme

- The following topics will be covered:
  - ✓ “*Mendelian Sampling V3.0 – Introduction to the new software*” by Martin Lidauer (15 min)
  - ✓ “*Review of latest MS test results*” by Valentina Palucci (20 min)
  - ✓ *Country reports* (15 min):
    - Canada experience – by Pete Sullivan
    - USA experience – by João Dûrr
    - New Zealand experience – by Mark Camara
    - United Kingdom experience - by Raphael Mrode
  - ✓ General Discussion (10 min)