



# EAAP

European Federation of Animal Science

## The Genetic Program at the 2020 EAAP Virtual Annual Meeting

### ✓ **Governance of the genetic resources.**

Invited speakers:

- Henner Simianer (*What to preserve and how to decide?*)
- Lidia Chavinskaia (*International genetic evaluations as a technology of governance of the globalised cattle breeding*)
- Elzbieta Martyniuk (*International governance of animal genetic resources*)
- J. Pais (*Decision-making and breed governance in Portugal: the example of Mertolenga*)

### ✓ **Ten years of genomic selection** - Joint EAAP/ADSA/Interbull session

Invited speakers:

- John B. Cole, Paul Van Raden (*How to implement genomic selection*)
- Enrico Santus (*Role of Interbull in the successful implementation of genomic selection in breeds other than Holstein*)
- Christian Maltecca (*Exploiting homozygosity in the era of genomics: Selection, Inbreeding and Genomic Mating Programs*)
- Ismo Strandén (*Single-step genomic evaluations in dairy cattle*)
- Gregor Gorjanc (*What's next for dairy cattle breeding?*)

### ✓ **Genetic diversity**

### ✓ **Can you have your cake and eat it too – tools to get the most out of animal resilience and efficiency**

Invited speakers:

- Donagh Berry (*Decision support tools in cattle - from the cradle to the grave*)
- Yvette de Haas (*Quantifying resilience of dairy cows from on-farm time-series measures*)
- Pauline Martin (*A new method to estimate RFI in dairy cattle using time-series data*)
- Emre Karaman (*Genomic prediction using data from multiple pure breeds and crossbreds*)
- Gonzalo Cantalapiedra-Hijar (*Natural 15N abundance of animal proteins: a promising biomarker of feed efficiency in beef cattle*)
- Richard Crooijmans (*Managing genetic diversity to ensure resilience using the IMAGE multi-species SNP arrays*)

### ✓ **Breeding for improved animal health and welfare**

**EUROPEAN FEDERATION OF ANIMAL SCIENCE (EAAP)**

• FEDERATION EUROPEENNE DE ZOOTECHNIE (FEZ) • EUROPEISCHE VEREINIGUNG FÜR TIERPRODUKTION (EVT) •

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Invited speaker:

- Laurianne Canario (*The analysis of livestock behaviour to concomitantly improve health and performance*)

✓ **Long-term selection and limits**

Invited speaker:

- Piter Bijma (*Long term response to selection in the genomic era*)

✓ **FABRE-TP. Climate change: How Animal Breeding faces the challenge for more climate-smart EU food systems?**

✓ **Breeding programmes**

✓ **Breeding, climate and sustainability**

Invited speakers:

- Roberto Carvalheiro (*Breeding strategies for sustainable beef cattle production in the tropics*)

✓ **Genomic evaluation**

✓ **Genetics free communications**

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