

Key International Speakers

Roel Veerkamp

Roel Veerkamp has worked for Wageningen UR since 1997 in the area of animal breeding. In 2012, he became extraordinary professor at Wageningen University, after heading the Animal Centre of Wageningen Livestock Research for ten years. Since 2013 he now holds a part time Professor position at the Norwegian University of Life Sciences and is a visiting professor at SRUC in Scotland. In the Netherlands & Flanders, Roel coordinates the organisation responsible for the genetic evaluation for sires.



Dorian Garrick

Dorian Garrick, Ph.D., is chief scientist at the AL Rae Center in the School of Agriculture at Massey University, New Zealand. He worked in sheep and pig breeding research for four years before earning a doctorate degree from Cornell University in 1988. Dorian's recent work has focused on theoretical and applied



aspects of using genomic information to predict performance in a variety of species. Dorian is a founding partner of U.S.-based Theta Solutions LLC, which licenses software used for the largest North American singlestep beef cattle evaluation used by International Genetics Solutions, as well as ABRI for the North American Hereford evaluation.

Tim Byrne

Working for AbacusBio in New Zealand as a genetics consultant with a range of technology, agribusiness and breeder clients, Tim has a depth of knowledge of production systems in New Zealand and internationally and has worked in a wide range of areas including systems for the integration of leading-edge production and molecular genetics technologies, cost-benefit analysis of DNA-marker integration, electronic identification, and automated drafting systems. This includes development of multi-trait economic selection indexes for beef and dairy cattle, and sheep throughout New Zealand and internationally. When working in ICBF and Sheep Ireland Tim helped to develop the breeding programme design and implementation in the Irish industry, and in the areas of communication and extension.



Genetics Conference 2018

*'Sustainable Farming -
Progress through Genetics'*

Wednesday & Thursday

5th & 6th December

Hodson Bay Hotel, Athlone

Conference Begins @ 10:30

Awards Ceremony @ 19:30

"A two-day event for the dairy, beef and sheep sectors, with a unique focus on animal breeding and genetics"

Contact Us:

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ICBF & Sheep Ireland Genetics Conference 2018

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Kindly Sponsored by FBD Trust



Wednesday 5th Day One

10:30 SESSION 1A – DAIRY

The EBI - 20 years on

Past, present and future

Prof Roel Veerkamp, WUR

Genomics

What else can we glean from this technology?

Dr Deirdre Purfield, Teagasc

VistaMilk

A "cream of the crop" research initiative for the Irish dairy industry

Prof Donagh Berry, Teagasc

C.O.W. v2

Feedback from the ground and plans for 2019 onwards

Dr Margaret Kelleher, ICBF

Female fertility

Are we at the limit or can we further improve using genetics?

Dr Francis Kearney, ICBF

10:30 SESSION 1B – SHEEP

Then and Now

10 Years of Sheep Ireland

Dr Tim Byrne, Abacus Bio

Parentage Assignment using Genomics

What can it offer the Irish Industry?

Prof Donagh Berry, Teagasc

Ewe Efficiency and Greenhouse Gases

The first step to the next level

Dr Fiona McGovern, Teagasc

Genetic Evaluation Updates

Utilising the database to maximise returns

Dr Thierry Pabiou, ICBF

Can we breed Healthier Sheep?

Breeding as a solution to improve sheep health

Aine O'Brien, Teagasc

Improving the rate of Genetic Gain

What factors are involved

Kevin McDermott, Sheep Ireland

Putting the EuroStars into action

How joining LampPlus has transformed the flock

David Coen, Salesian Agricultural College

SusSheep

European project for more sustainable sheep production

Eamon Wall, Sheep Ireland

12:30 LUNCH

13:30 SESSION 2

DAIRY, BEEF & SHEEP SESSION

Genetic Improvement of Cattle & Sheep

What are the areas for Ireland to focus on in the future?

Prof Dorian Garrick, Massey University, NZ

Big Data in Animal Agriculture

Challenges and Opportunities

Prof Roel Veerkamp, WUR

20 Years of ICBF

Trends in genetic gain for dairy, beef and sheep

Dr Tim Byrne, Abacus Bio

ICBF – Looking Forward

Sean Coughlan, CEO, ICBF & Sheep Ireland

15:30 TEA & COFFEE

16:00 NEW DEVELOPMENTS FOR 2019+

Calving Evaluations

Dr Ross Evans, ICBF

Dairy Beef Indexes

Prof Donagh Berry, Teagasc

Fluke & Tuberculosis Evaluations

Dr Siobhan Ring, Teagasc

Meat-Eating Quality Evaluations

Dr Michelle Judge, Meat Technology Ireland

Data Recording

Kevin Downing, ICBF

Greenbreed – Measuring Methane at Tully

Dr Stephen Conroy, ICBF

18:00 POSTER SESSION

19:30 AWARD

CEREMONY &

DINNER

Kindly sponsored by FBD

Trust



Thursday 6th Day Two

10:30 SESSION 3 - BEEF

The EuroStar Indexes – 10 years on

Past, present and future

Dr Andrew Cromie, ICBF

Genomics

What else can we glean from this technology?

Dr Deirdre Purfield, Teagasc

Whole Herd Performance Recording

What's new for 2019 onwards

Pat Donnellan, ICBF

Inbreeding Trends

Inbreeding trends in the National Beef Herd

Clodagh Ryan, ICBF

Interbeef

Current status and plans for future.

Dr Thierry Pabiou, ICBF

To book your place at this two-day event for the dairy, beef and sheep sectors, with a unique focus on animal breeding and genetics

go to : www.icbf.com/?page_id=11997

*Sign in is at **10:00 SHARP***

NOTE: Session 1A — Dairy & 1B — Sheep are running in parallel