





Friday 20 Nov	Breeding for the environment (Part 1)	Session 1
14:00-14:10	Welcome to conference from SBRT Chair	George Fell, Pedigree breeder
14:10-14:15	Janet Roden - Chair, Innovis	
14:15-14:30	The role of rumen volume and feed efficiency	Nicola Lambe, SRUC
14:30-14:45	EBVs influencing methane production	Karolina Kaseja, SRUC
14:45-15:00	The impact of the rumen microbiome	Joana Lima, SRUC
15:00-15:15	Breeding indexes for environmental goals	Emma Dods, Innovis
15:15-15:30	Breeding decisions and the flock carbon footprint	Karl Behrendt, Harper Adams University
15:30-15:45	Q&A	
15:45-16:15	Refreshment break	

Friday 20 Nov	Genomics and sheep breeding	Session 2
16:15-16:20	Emma McGowan - Chair, QMS	
16:20-16:35	Major genes or a major distraction	Samuel Boon, AHDB
16:35-16:45	Breeding using DNA parentage	Richard Rossiter, Breeder
16:45-17:00	Genomic inbreeding	Pourya Davoudi, AHDB
17:00-17:15	Building genetic resources for breed improvement in the Oxford Down sheep	Melissa Marr, Roslin Institute
17:15-17:30	Marketing the modern ram - how Eurostars & science shape the Irish sheep industry	Aisling O' Mahony, Sheep Ireland
17:30-17:45	Q&A	
20:00-Late	Conference dinner supported by the Coop After dinner speaker - The sheep world according to Mark Ferguson, neXtgen Agri	 

Saturday 21 Nov	Breeding for the environment (Part II)	Session 3
9:00-9:05	Welcome to conference from SBRT Chair	George Fell, Pedigree breeder
9:05-9:10	Global Methane Genetics initiative - overview & aims	Kim Matthews - Chair, AHDB
9:10-9:30	Doing more with what we already record: Indexes to reduce carbon footprint	Harriet Bunning, AHDB
9:30-9:50	An update on SRUC's participation in international sheep methane projects	Ann McLaren, SRUC
9:50-10:00	Q&A	
10:00-10:30	Does the UK need a low input sheep progeny test? - Part 1	Liz Genever, Independent consultant
10:30-11:00	Refreshment break	

Saturday 21 Nov	To shed or not to shed - is that the question?	Session 4
11:00-11:05	Samuel Boon - Chair, AHDB	
11:05-11:25	Genome editing for wool shedding	Simon Lillico, Roslin Institute
11:25-11:35	Q&A and introduction to next session	
11:35-11:45 11:45-11:55 11:55-12:05	Productive maternal sires for the modern sheep producer - in this interactive session three breeders will talk about their enterprises and explain why you should buy their ram.	Tim White - Exlana breeder Will Sawday - High Country Romneys Hayden Woolley - Low FootPrint Lamb
12:05-12:20	Virtual ram sale	
12:20-12:30	Discussion	
12:30-14:00	Buffet lunch	

Saturday 21 Nov	Genetics - worth the investment?	Session 5
14:00-14:05	Liz Genever - Chair, Independent	
14:05-15:30	Getting your genetics business ready for future - how to identify traits to make or save money, save time or delight a customer - using UK-based breeding business examples (identified via SBRT competition)	Mark Ferguson, neXtgen Agri CEO & Head Shepherd podcast, New Zealand
15:30-16:00	Refreshment break	

Saturday 21 Nov	Measuring performance - phenotype is king	Session 6
16:00-16:05	Matt Harding - Chair, Pedigree breeder and SBRT Vice Chair	
16:05-16:20	RamCompare results: what have we learnt and what is next?	Laura Eyles, AHDB
16:20-16:40	ChazCompare: correlating conformation at conception into currency at kill	Andrew Walton, Pedigree breeder
16:40-17:00	One database, better breeding: How commercial data shapes real genetic progress	Sean Godfrey, Sheep Ireland
17:00-17:20	Challenge Sheep - lessons learnt from ewe performance	Dr Amey Brassington and Zoe Lloyd, AHDB
17:20-17:35	Q&A	
17:35-17:45	Does the UK need a low input sheep progeny test? - Part 2	Liz Genever, Independent consultant
19:00-20:00 20:00-Late	Drinks reception supported by Egenes, SRUC Conference dinner supported by the Coop	 

Sunday 22 Nov	Healthy genetics	Session 7
9:00-9:05	Emily Clark - Chair, EMBL's European Bioinformatics Institute and SBRT Committee	
9:05-9:25	Breeding for Maedi Visna resistance	Rachael Tarlinton, Nottingham University
9:25-9:45	Contrasting effects of climate change on parasite-proof sheep phenotypes	Eric Morgan/Chris McFarland, Queens University Belfast
9:45-10:05	Breaking down barriers to investigating new conditions	Heather Stevenson, SRUC Veterinary Services
10:05-10:25	FEC and nematode species, are they important?	Dave Bartley & Agata Delnicka, Moredun Research Institute
10:25-10:40	Q&A	
10:40-11:10	Refreshment break	

Sunday 22 Nov	The hills are alive with lamb survival	Session 8
11:10-11:20	Mark Young - Chair, Livestock Genetics Consultant	
11:20-11:40	Ancestry to advantage: hill sheep evolution in Ireland & an introduction to Ovflock	David Coen, Sheep Ireland
11:40-11:55	Welsh Sheep Genetics Programme - phase 2 update	Eleri Thomas, HCC
11:55-12:15	Measuring methane in hill sheep - what have we learnt?	Janet Roden, Innovis
12:15-12:30	Improving lamb survival	Samuel Boon, AHDB
12:30-12:45	Q&A	
12:45-13:00	Conference end - closing comment from SBRT Chair	George Fell, Pedigree breeder
13:00-14:30	Buffet lunch - departure afterwards	

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