

Keynote speakers include

Mr Matt Dempsey	Irish Farmers' Journal
Prof Les Firbank	Biotechnology and Biological Sciences Research Council (BBSRC)
Dr Alistair Carson	Agri-Food and Biosciences Institute (AFBI)
Dr Harry Clark	Agresearch NZ
Prof John Oldham	Scottish Agricultural College (SAC)
Prof Ian Crute	Agricultural and Horticultural Development Board (AHDB)
Mr Matt Dobbs	Westpoint Veterinary Group, consultant veterinary surgeon to Tesco
Ms Jenny Bristow	Author and Broadcaster
Dr Jonathan Birnie	Dunbia (Feed Industry)
Prof Peter Gregory	Scottish Crop Research Institute (SCRI)
Dr Mike Wilkinson	University of Nottingham

Captive Animals

Dr Kat Bell	WALTHAM Centre for Pet Nutrition
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Animal Breeding and Fertility

Dr Donagh Berry	Agricultural and Food Development Authority (Teagasc)
Dr Gerard Albers	Hendrix Genetics, The Netherlands
Dr Bruce Moss	Agri-Food and Biosciences Institute (AFBI)
Dr Ian Richardson	University of Bristol
Dr Matt Lucy	University of Missouri, USA

Grassland

Dr Jean-Louis Peyraud	National Institute for Agricultural Research (INRA), France
Dr Pat Dillon	Agricultural and Food Development Authority (Teagasc)
Dr Lynne Dawson	Agri-Food and Biosciences Institute (AFBI)

Crops and Soils

Dr Lyndsay Easson	Agri-Food and Biosciences Institute (AFBI)
Prof Tammo Steenhuis	Cornell University, USA
Prof Keith Smith	University of Edinburgh

Agricultural Economics

Dr Trevor Donnellan	Teagasc
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Equine Specialists

Dr Colin Roberts	Cambridge University
Dr Jack Murphy	University College Dublin
Dr Jo-Anne Murray	Edinburgh University
Dr David Marlin	Equine Consultant
Dr Pat Harris	WALTHAM Centre for Pet Nutrition

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Agricultural Research Forum 

bsas
british society of animal science

FOOD, FEED, ENERGY AND FIBRE FROM LAND

A VISION FOR 2020

An International Conference
to address
future challenges for land use

Organised by the
British Society of Animal Science,
Agricultural Research Forum of Ireland
and the
World Poultry Science Assoc (UK Branch),
in collaboration with the
Association of Applied Biologists

In association with the
Institute of Agri-Food and Rural Land Use
and Queen's University

Queen's University, Belfast
Northern Ireland
12-14 April 2010



FOOD, FEED, ENERGY AND FIBRE FROM LAND

A VISION FOR 2020

World food demand is predicted to double from present levels by 2050, driven by a projected 40% increase in population growth and changes in eating patterns. This will undoubtedly lead to greater demand for livestock products. However, our ability to increase food production is constrained by a number of factors, including competing demands for land use for energy production and recreational use, together with the impact of climate change on land availability and productivity. This conference will bring together a range of international research scientists to discuss future priorities for agricultural research and development and, in particular, to examine factors influencing the efficiency of food and energy production.

Major themes for the conference include:

Food Production from Grassland with Reduced Environmental Impact
Energy from Land
Implications for Land Use
Knowledge and Innovation Transfer and Interaction
Progress and Potential from Animal Breeding
Advances in Equine Science

Presidents Session

Challenges and opportunities for European Agriculture
Meeting the challenge of prioritising land use - the role of agricultural science
Harnessing scientific developments in practice

Hammond Lecture

Animal Science - Recent progress and future challenges

Delegates will include scientists, economists, opinion formers, government policy advisors and those involved in influencing future agricultural research and development or in translating research into practice. There will be over 450 presentations attracting between 300 - 400 delegates.

Theatre Sessions

- What Industry wants from Animal Science?
- Priorities for Land Use
- Progress and Potential from Animal Breeding
- Genetics and Feed Efficiency
- Improvements in Measuring phenotypes
- Reproduction
- Animal Health, Welfare and Behaviour
- Environment and Animal Science

- Advances in Equine Performance
- Advances in Equine Science
- What the Equine Industry Requires from Animal Science
- Companion and Captive Animals

- Soils and Nutrient Gases
- Grassland Systems and Environmental Impact
- Recent advances in Crop Science
- Agricultural Economics

- Nutrition
- Ruminants
- Livestock and Climate Change: Impacts and mitigation
- Calf Rearing
- Carcass Composition and Meat Quality
- Pigs

Discussion - Highlights

Dairy
Pigs
Ruminants
Genetics
Animal Health
Meat Quality

Poster Sessions

Feed Studies - Sheep and Goats
Rumen Studies
Sheep and Beef Studies
Feed Evaluations/Techniques
Reproduction
Environment
Soils and Water
Grassland
Agricultural Economics
Genetics
Health Issues
Calf Nutrition
Dairy Nutrition