

Program

*Please note that program is subject to change

SUNDAY 8 OCTOBER 2006

3:00pm	Registration Opens
	Opening Session
	Chair: Chris Prideaux
5:00pm	Conference Opening Address – <i>John Hodges, Austria</i>
5:55pm	Conference Housekeeping Session – <i>Dave Swain (Conference Chair) CSIRO Livestock Industries, Australia</i>
6:00pm	Welcome Reception – Trade Display, Gold Coast International Hotel

MONDAY 9 OCTOBER 2006

7:30am	Registration Opens
	SESSION 1: VISUALISING THE FUTURE FARM – WHAT WILL AND SHOULD THE FUTURE FARM LOOK LIKE, AND WHAT ARE THE DRIVERS?
	Session 1A – External Drivers
	<i>PROUDLY SPONSORED BY QUEENSLAND DEPARTMENT OF PRIMARY INDUSTRIES & FISHERIES</i>
	Chair: Robyn Dynes
8:30am	Biophysical and Socioeconomic Constraints Shaping Technological Evolution of Agriculture - <i>Mario Giampietro, INRAN, Italy</i>
9:10am	Ecological Impacts on Future Farming - <i>Ann Wilkie, University of Florida, USA</i>
9:50am	The Role of Bioeconomics in the Farm of the Future - <i>Oscar Cacho, The University of New England, Australia</i>
10:30am	Morning Tea
	Session 1B – Social Drivers
	<i>PROUDLY SPONSORED BY ICM AGRIBUSINESS</i>
	Chair: Mark Morrison
11:00am	Global Culture: Global Agriculture?– <i>Robert Burton, Macaulay Land Use Research Institute, UK</i>
11:40am	Current and Future Trends in Livestock Farming - An Indian Perspective - <i>Vijay Taneja, Indian Council of Agricultural Research (ICAR), India</i>
12:30pm	Lunch
	Session 1C – Technological Drivers
	Chair: Joanne Lello
1:30pm	The Impact of the Genomics Revolution on the Future Farm - <i>Leif Andersson, Uppsala University, Sweden</i>
2:10pm	Sustainable Development of Agriculture in China - <i>Zhao Yumin, Chinese Academy of International Trade & Economic Corporation, China</i>
2:50pm	Afternoon Tea
	SESSION 2: TOMORROW'S SCIENCE TODAY. WHAT CAN CURRENT SCIENCE OFFER TO AID IN CREATING A HEALTHY AGRICULTURAL FUTURE?
	Session 2A – On the Farm
	Chair: Simon Maddocks
3:20pm	CSU - Increasing Environmental & Economic Resilience in Rural/Regional Australia - <i>Michael Archer, The University of New South Wales, Australia</i>
4:00pm	Precision Livestock Farming – <i>Christopher Wathes, The Royal Veterinary College, University of London, UK</i>
4:40pm	Session Close
6:30pm	Monday Evening Social Function – Dreamworld
	Tiger Island Visit & Dinner

TUESDAY 10 OCTOBER 2006

Session 2B – Emerging and Fundamental Science

Chair: Caroline Lee

- 8:30am Small Worlds and Giant Epidemics - *Denis Mollison, Heriot-Watt University, Edinburgh, Scotland*
- 9:00am Genetic Engineering - *Agustin Blasco, Department of Animal Breeding and Genetics, Spain*
- 9:30am Beating the Red Queen - What Can Evolution Teach Us About Keeping Ahead in this Increasingly Complex Research Environment - *Bruce Walsh, University of Arizona, USA*

10:00am Morning Tea

11:00am Workshop 1: *Risky Decisions*

Introductory presentation: *Melissa Bateson, University of Newcastle, UK*

Facilitator: *Ian Purvis, CSIRO Livestock Industries, Australia*

- What is risk and how do we assess it?
- Does IP and patenting help or hinder science?
- How should we deal with the media?

Workshop 2: *Led by the Nose*

Introductory presentation: *Jim Kinder, The Ohio State University, USA*

Facilitator: *Rob Kelly, CSIRO Livestock Industries, Australia*

- Can the fundamental sciences really value add to the traditional animal sciences?
- Are the emerging sciences truly helping us reach our goals?
- Are we too easily swayed by 'the new'?

1:00pm Lunch

1:30pm Free Afternoon

6:00pm Pre-Dinner Drinks and Poster Session

7:00pm Conference Dinner Grand Ballroom, Gold Coast International Hotel

WEDNESDAY 11 OCTOBER 2006

SESSION 3: GAME PLANS – CREATING THE FRAMEWORKS FOR THE IMPLEMENTATION OF FUTURE RESEARCH

Session 3A – Making Connections

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Chair: Terry Longhurst

- 8:30am Nutrigenomics in Animal Agriculture - *Shaun Coffey, Industrial Research Limited, New Zealand*
- 9:00am Sustainable Agriculture and Quality Food: Challenges for Policy and Practice - *Janet Dwyer, University of Gloucestershire, UK*
- 9:40am Complex Systems Science – Systems from the molecule to the organisation, how does CSS help us do our science? – *V.M Kenkre, Consortium of the Americas for Interdisciplinary Science, USA*

10:30am Morning Tea

Session 3B – Dealing with the Changing Face of Science

Chair: Michael Stephens

- 11:00am Educational Needs for the Livestock Researcher of the Future - *John Edwards, Murdoch University, Australia*
- 11:40am The Nationhood of New Zealand Agricultural Science - *Andy West, AgResearch Limited, New Zealand*

Session 3C – Drawing Together

Chair: David Strom

- 12:20pm Researching for Emergence - *Ray Ison, The Open University, UK*

1:00pm Conference Closes – *Dave Swain (Conference Chair) CSIRO Livestock Industries, Australia*

1:10pm Lunch