

## Aberystwyth University

### *Aerobic deterioration of silage*

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# Recent Advances in Animal Nutrition - Australia

## 20th Biennial Conference Program

<b>Sunday 12 July</b>		
2.00-4.00	<b>Wine Tasting Tour - Whyworry Wines (Coach departs Duval College)</b>	
<b>Monday 13 July</b>		
8.00	<b>Registration</b>	
8.30	<b>Welcome and opening</b>	
9.00	<b>Opening speaker</b>	Professor Andrew Sinclair (Deakin University)
<b>Session 1: Competing for resources</b>		
9.30	Are co-products cost-effective alternative nutrient sources for Australian livestock production	Dr Ray King (RHK Consulting)
10.00	Contribution of exogenous enzymes to the preservation of limited feed resources	Dr Alexandre Peron (Danisco)
10.30	<b>MORNING TEA</b>	
11.00	Revaluing feed inputs based on yield and utilisation potential	Dr Robert van Barneveld (Barneveld Nutrition)
11.30	Utilisation of high moisture grains in livestock systems	Dr Li Li (Kemira)
12.00	Iron levels in sheep and implications for human nutrition	Professor David Pethick (Murdoch University)
12.30	<b>LUNCH</b>	
1.30	Short communication session 1	
3.00	<b>AFTERNOON TEA</b>	
<b>Session 2: Recent advances in improving and measuring efficiency</b>		
3.30	Recent Advances in enzyme technology for monogastrics	Professor Aaron Cowieson (AB Vista)
4.00	Anaerobic deterioration of silage	Dr Matthew Smith (Alltech)
4.30	Microfloral and mucosal immunity	Dr Mark Geier (SARDI)
6.00	<b>BUFFET DINNER (Booloominbah)</b>	
<b>Guest speaker: Gordon Butland (International business consultant, formerly Rabobank International)</b>		
<b>Tuesday 14 July</b>		
<b>Session 3: Managing for climate change</b>		
9.00	The efficiencies of feed utilisation and methane emissions from cattle breeding and finishing production systems	Dr Bob Hunter (CSIRO)
9.30	Managing methane production in ruminants	Dr Roger Hegarty (NSW DPI)
10.00	Impact of government policy and future carbon trading on the management of livestock	Professor David Cottle (UNE)
10.30	<b>MORNING TEA</b>	
<b>Session 4: Significant breakthroughs and future constraints</b>		
11.00	Significant breakthroughs and future constraints, with specific reference to ruminant nutrition and related industries	Professor Hutton Oddy (UNE)
11.30	Significant breakthroughs and future constraints, with specific reference to pig nutrition and related industries	Mr Tony Edwards (ACE Nutrition)
12.00	Significant breakthroughs and future constraints, with specific reference to poultry nutrition and related industries	Professor Mingan Choct (Poultry CRC)
12.30	<b>LUNCH</b>	
<b>Session 5: Recent Advances in livestock feeding management</b>		
1.30	Fructose and feed intake	Dr Ian Godwin (UNE)
2.00	Water temperature and heat stress management in ruminants	Dr Darryl Savage (UNE)
2.30	Justifying feedlot consumption of grains in a limited resource and controlled output environment	Dr Matthew George (NSA Associates)
3.00	<b>AFTERNOON TEA</b>	
3.30	Short communication session 2	
6.00	<b>CONFERENCE DINNER (Duval College)</b>	
<b>Presentation of the JL Corbett Prize, Tony Edwards Award, Quotable Quotes</b>		
<b>Wednesday 15 July</b>		
<b>Session 6: Innovative thinking for livestock nutrition management</b>		
9.00	Vegetarian diets for domestic canines	Dr Wendy Brown (UNE)
9.30	Importance of dressing percentage and its management	Professor James Rowe (Sheep CRC)
10.00	Nutrition management and reproductive efficiency in sheep	Assoc Professor Geoff Hinch (UNE)
10.30	<b>MORNING TEA</b>	
<b>CONFERENCE CLOSE</b>		