

## Tuesday, 2 December 2008

<b>Time</b>	<b>Speaker</b>	<b>Presentation</b>
13:30	Murray Hannah	Conference Opening
13:35	Chair: Murray Hannah	<b>ANU Statistics in Ecology</b>
13:40	Ross Cunningham	Introduction to Mountain Ash forests project
13:55	David Lindenmayer	Ecology meets statistics - 25 years of collaborative research in the wet ash forests of Victoria
14:45	Ross Cunningham	Geographic dimorphism in the mountain brushtail possum ( <i>Trichosuris caninus</i> ): a tale of the discovery of a new species
15:15		<i>Afternoon Tea</i>
15:45	Alan Welsh	Statistical aspects of the 'Possum Watch' monitoring program
16:10	Emma Knight	A long-term study of the mountain brushtail possum
16:30	Jeff Wood	Forecasting the collapse of trees with hollows
17:00	Chair: Jane Speijers	<b>Applications and Methods in Ecology</b>
17:05	Hwan-Jin Yoon	Assessing environmental impact
17:25	Robert Forrester	Modelling the presence and abundance of Flock Bronzewing pigeons
18:00		<i>Dinner</i>
19:00		Bus to Cambarville
19:15		Spotlighting with David Lindenmayer and Lachlan McBurney
22:00		Return to Marysville

## Wednesday, 3 December 2008

06:15		Animal trap inspection and bird watching
08:00		<i>Breakfast</i>
09:10	Chair: Subhash Chandra	<b>GenStat Developments</b>
09:15	Roger Payne	Future GenStat enhancements
09:30	Alex Glaser	Canonical analysis, biplots, triplots and further multivariate enhancements
10:00	Duncan Soutar	Graphics enhancements in the GenStat 11 <sup>th</sup> and 12 <sup>th</sup> editions
10:30		<i>Morning Tea</i>
11:00	Chair: Ruth Butler	<b>GenStat Developments and Feedback</b>
11:05	Simon Harding	Running the NAG Library from GenStat
11:30	David Baird	Image analysis with GenStat and new spreadsheet features
12:00		Discussion
12:15		<i>Lunch</i>
13:15	Chair: David Reid	<b>Mixed Models</b>
13:20	Nick Galwey	An overview of mixed models
14:10	Chair: Chris Brien	<b>Statistical Methods in Practice</b>
14:15	Terry Neeman	Statistics and genetics: modern species with a common ancestor
14:35	Richard Sedcole	Musing on the intra-class correlation
14:55	Jeff Wood	Hierarchical partitioning
15:15		<i>Afternoon Tea</i>
15:45	Chair: Jeff Wood	<b>Applications in Primary Industries</b>
15:50	Ruth Butler	Estimating total insects from sub-samples taken for species identification
16:10	Roger Littlejohn	Analysing the movement of extensively farmed red deer hinds measured using GPS units
16:30	Chair: Graham Hepworth	<b>Poster Introduction Session</b>
17:00		Poster Session
18:15		<i>Pre-dinner Drinks</i>
19:15		<i>Conference Dinner</i>

## Thursday, 4 December 2008

07:30		<i>Breakfast</i>
08:35	Chair: Chris Triggs	<b>Health and Environment</b>
08:40	Said Shahtahmasebi	Disability, health, poverty and hardship: a longitudinal analysis
09:00	Asif Mansoor	Quantification of periodicity in Lyari waste flow routing
09:20	Parin Kurji	Climate change - what should we do?
09:40	Chair: Pat Pepper	<b>Applications in Primary Industries</b>
09:45	Peter Clarke	Multivariate REML modelling; some practical problems associated with balanced and unbalanced data
10:20	Angela Reid	Precision agriculture in sugar cane production
10:40		<i>Morning Tea</i>
11:10	Chair: Alan Welsh	<b>Extensions to Mixed Models</b>
11:15	Youngjo Lee	Hierarchical generalised linear models and variable selection
12:05	Roger Payne	Hierarchical generalised nonlinear models
12:25		<i>Lunch</i>
13:15		<b>AGUAI AGM</b>
13:45		<b>Tours</b>
19:00		<i>Conference BBQ</i>

## Friday, 5 December 2008

07:30		<i>Breakfast</i>
08:55	Chair: Kym Butler	<b>Designed Experiments</b>
09:00	Rosemary Bailey	Experiments in rectangular areas: restricted randomisation or row-column designs
09:50	Chris Brien	Formulating mixed models for experiments, including longitudinal experiments
10:10	Emlyn Williams	Optimality criteria for the construction of microarray experiments
10:30		<i>Morning Tea</i>
11:00	Chair: David Baird	<b>Teaching and Vocation</b>
11:05	Mario D'Antuono	Life and tribulations of a Roman soldier in the British Empire - the future of GenStat
11:25	Olena Kravchuk	GenStat discovery in the 'Research Methods and Design and Analysis of Experiments' training for ACIAR partners in 2007-2008
11:45	Andrew McLachlan	From biologist to biometrician
12:05	Parin Kurji	Wind of change - continuing the African statistical tour
12:40		<i>Lunch</i>
13:30		<b>Bus Travel to Melbourne Airport and Melbourne city</b>