

Time	MON, 5 DEC 2011	
8:50	Presidential Opening	
	Invited speakers	
9:00	Louise Ryan : Biometry - a lost art?	
9:50	Montserrat Fuentes : Nonparametric spatial models for extremes: Application to extreme temperature data	
10:40	Morning Tea	
	<b>Session 1A: Biometric Practice</b>	<b>Session 1B: Genetics</b>
11:10	Martin Bland : Comparisons within randomised groups can be very misleading	David Butler : Estimating the dominance relationship matrix using a simulation approach
11:30	John Carlin : Biostatistics at the coal-face: are we discharging our scientific responsibilities?	James Curran : Building blocks for the modelling of quantitative information in the interpretation of forensic DNA evidence
11:50	Harold Henderson : Regression to the mean	Antony Unwin : Integrating Graphics and Analyses for Microarray Data
12:10	Paul Kabaila : The effect of a preliminary test of homogeneity of stratum-specific odds ratios on confidence intervals for these ratios	Graham Hepworth : Assessing similarity of DNA profiles
12:30	Lunch	
	<b>Session 2A: Ecology</b>	<b>Session 2B: Mixed Models</b>
13:30	Chris Field : A trap-centric model for capture/recapture	Beverley Gogel : A composite sampling strategy for the design and analysis of cereal resistance trials
13:50	Russell Millar : Estimating the number of salmon returning to spawn	Alison Kelly : Estimation in a linear mixed model with a non-positive definite variance matrix
14:10	Ian Renner : Maximizing MAXENT: Improvements to MAXENT through Poisson point process models	Michael Navakatikyan : EEG amplitude as an indicator of brain maturation in premature infants
14:30	David Warton : Advances in species distribution modelling in ecology	Sharon Nielsen : Not all black-boxes have the answers an NIR calibration story
14:50	Alan Welsh : Analysing Occupancy Surveys	Katia Stefanova : Pedigrees in the Analysis of Yield Protein Relationship for Multi-Environment Lupin Breeding Trials
15:10	Afternoon tea - Poster session	
	<b>Session 3A: Population Health</b>	<b>Session 3B: Censored / Ordinal Data</b>
15:40	Alistair Merrifield : Health Effects of the September 2009 Dust Storm in Sydney, Australia: Did Emergency Department Visits and Hospital Admissions Increase?	Susan Fletcher : Why are generalised linear mixed models (GLMMs) overlooked when response variables are ordered categories?
16:00	David Baird : The Christchurch Earthquakes. What cost?	Gillian Heller : Ordinal regression models for continuous scales
16:20	Andrew Forbes : Analysis of short interrupted time series: A restricted maximum likelihood approach	Malcolm Hudson : Extrapolating cumulative incidence for survival estimation in multi-state models of randomized trial outcomes.
16:40	Val Gebski : Modeling interrupted time series to evaluate prevention and control of infection in health care	Jun Ma : Penalized likelihood approaches for Cox model fitting with interval censored data
17:00	Close	
18:00	Dinner - own plans	

Time	TUE, 6 DEC 2011	
8:50	Housekeeping	
	Invited speaker	
9:00	Matt Wand : Variational Bayes and genome-wide association studies	
	Session 4A: Survey Methods	Session 4B: Diagnostic Tests
9:50	Thomas Lumley : Rank tests for data from complex surveys	Geoff Jones : Combining pooled and individual test data to estimate herd-level prevalence
	Alastair Scott : Tests for the Cox Model with data from a complex survey	Man-Lai Tang : Confidence interval construction for disease prevalence based on partial validation series
10:40	Morning Tea	
	Biometrics Showcase	
11:10	Chris Lloyd : Bootstrap tests of risk difference	
11:30	Rachel Fewster : Variance estimation for systematic designs in spatial surveys	
11:50	Shirley Pledger : Open capture-recapture models with heterogeneity	
12:10	Scott Foster : RAD Biodiversity: Relating different aspects of biodiversity to the environment	
12:30	Lunch	
13:30	Tours or other activities	
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17:00		
18:00	Dinner - own plans	

Time	WED,7 DEC 2011	
8.50	Housekeeping	
	Invited speakers	
9.00	David Balding : Kinship, heritability and genetic effect sizes	
9:50	David Clayton : Link functions in multi-locus models: implications for testing, prediction, and interpretation	
10:40	Morning Tea	
	<b>Session 5A: Longitudinal Models</b>	<b>Session 5B: Ecology</b>
11:10	Ken Beath : Comparison of Infant Growth Models	Brian McArdle : A multivariate omnibus test: Swiss Army Knife or plastic spork?
11:30	Sally Galbraith : Accelerated longitudinal designs	Janice Scealy : The Kent regression model for compositional data
11:50	Steve Lane : Functional longitudinal response modelling	Hideyasu Shimadzu : Quantifying the effect of sampling for biodiversity modelling
12:10	You-Gan Wang : Performance of model selection criteria in longitudinal data analysis	Eve Slavich : What types of climate measurements best predict the distribution of biodiversity?
12:30	Lunch	
	<b>Session 6A: Design</b>	<b>Session 6B: Bayesian Methods</b>
13:30	Penny Sanchez : Metaheuristic approach to the design of gene expression studies	Kim-Anh Do : Bayesian ensemble methods for survival prediction in gene expression data
13:50	Ken Russell : Designing multinomial experiments using the Integrated Mean Square Error criterion	Arash Ardalan : Expectile and Quantile Regression Using the Idea of Bayesian Semi-parametric Regression
14:10	Emlyn Williams : The importance of carry-over effects in experimental design and analysis	Patrick Graham : Propensity score and hierarchical Bayes methods for longitudinal profiling of hospital performance
14:30	Hwan-Jin Yoon : Comparison of ANOVA, Tobit model and Two-part model for analysing sensory data	Lisa Woods : Mapping multiple quantitative traits using Structural Equation Models
14:50	Irene Zeng : Two optimization strategies of multi-stage design in clinical proteomic study	Tony Pettitt : Statistical analysis for firing neurons
15:10	Afternoon tea	
	<b>Session 7A: Genetics</b>	<b>Session 7B: Model Fitting/Selection</b>
15:40	Susan Wilson : On Detection of Differential Expression using RNA-Seq Data	Benoit Liquet : Choice of prognostic estimators in joint models by estimating differences of expected conditional Kullback-Leibler risks
16:00	Alexandra Gillett : Supervised visualisation methods for exploring genome-wide association studies: An application to the WTCCC Type 1 Diabetes data.	Youngjo Lee : Fitting hierarchical GLMs
16:20	Chris Pardy : A genomic application of mutual information between discrete and continuous variables to identify gene modules	Ian Marschner : Generalised linear models in R: Problems and fixes
16:40	Georgy Sofronov : Change-point detection in DNA copy number variants	Arthur Gilmour : A sampling strategy for fitting large linear mixed models
17:00	IBS Australasian Region - Annual General Meeting	
18:00	Close	
18:45	Coach to Conference Dinner	

Time	THURSDAY, 8 DEC 2011	
8:50	Housekeeping	
	Invited speakers	
9:00	Hans-Peter Piepho : Some issues in the design and analysis of multi-environment trial data in plant breeding and	
9:50	Brian Cullis : Towards an improved multi-environment trial analysis for the National Variety Trials system	
10:40	Morning tea	
	<b>Session 8A: Surveillance</b>	<b>Session 8B: High Dimensionality</b>
11:10	Sarah Bolt : Diagnosing Outbreaks: Detecting Multivariate Anomalies in Presentations to Hospital Emergency Departments	Kim-Anh Le Cao : Recent developments in exploratory and integrative multivariate approaches for 'omics' data: application to a kidney transplant study
11:30	Joanne Potts : Risk-based trace priorities during disease outbreak	Michael Stewart : Behaviour of higher criticism and competing tests for sparse normal mixtures near the detection boundary
11:50	James Scandol : Building Online Biostatistical Reporting Solutions with Business Intelligence Software: Tensions and Triumphs	Julian Taylor : High dimensional and random whole genome average interval mapping
12:10	Nokuthaba Sibanda : Controlling multiplicity in healthcare performance monitoring	Klara Verbyla : The Swings and Roundabouts of Methods and Models for Genomic Selection
12:30	Closing ceremony /presentations	
	Lunch	
	Farewells	
14:00	Bus from Kiama to Sydney airport (booking required)	