

## 5<sup>th</sup> ASEARC Conference Program

Thursday 2<sup>nd</sup> February 2012

8.15	9.00	Registration					
9.00	10.30	Session 1	35.G.45	David Steel UOW	Judy Raper Deputy VC (Research) UOW	Christine O'Keefe, CSIRO Balancing use of data with privacy and confidentiality	Phillip Gould, ABS Collaboration as one of the keys to progress
10.30	11.00	Morning Tea					
11.00	12.30	Session 2(a)	35.G.45	J.C.W. Rayner, UON Testing Equality of Variances for Multiple Univariate Normal Populations		Robert King, UON Comparing variability of categorical responses across groups	Thomas Suesse, UOW Estimation in Autoregressive Population Models
		Session 2(b)	35.G.20 Duncan Brown Lect. T	David Steel, UOW Some Issues with Design Effects		Diane Hindmarsh, UOW Becoming relevant at a local area: small area estimates from a state health survey	Cristian Rotaru, ABS Exploring Data Pooling as an Option for Improving Estimates
12.30	1.30	Lunch					
1.30	3.00	Session 3(a)	35.G.45	Paul Fahey, UWS When is centre unimportant in multi- centre studies? Some simulations with Cox regression.		Duy Tran, UON The Aggregate Association Index and its application in the New Zealand election 1893-1919	Fatimah Saaid, UON Change Points Detection of Vector Autoregressive Model using SDVAR Algorithm.
		Session 3(b)	35.G.20 Duncan Brown Lect. T	Carole Birrell, UOW Issues in Combining Surveys: what we have learnt from DYNOPTA		Carrie Samuels, ABS Using the EM algorithm to estimate the parameters of the Fellegi-Sunter model for data linking: some empirical results.	Kevin Lu, ABS Minimizing Sample Overlap with Surveys Using Different Geographic Units
3.00	3.30	Afternoon tea					
3.30	5.00	Session 4	35.G.45	Geoff McLachlan, UOQ On Some Applications of Mixture Models in Bioinformatics		Olivier Thas, U of Gent Probabilistic Index Models: Recent Developments	
6.30		Conf. Dinner					

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9.00	10.30	Session 5	35.G.45	Mohammad Reza Namazi Rad, UOW A Heuristic Analytical Technique for Location-based Liveability Measurement	Mohamad Asad, UOW Finding the Best ARIMA Model to Forecast Daily Peak Electricity Demand	<b>Minitab</b>	
10.30	11.00	Morning Tea					
11.00	12.30	Session 6	35.G.45	Junaidi, UON Bayesian Estimation of a Meta-analysis model using Gibbs sampler	Sarah Neville, UOW Semiparametric longitudinal analysis via mean field variational Bayes.	Junaidi, UON Bayes Estimation in Meta-analysis using a linear model theorem	
12.30	1.30	Lunch					
1.30	3.00	Sessions 7a	35.G.45	Olena Kravchuk, UOA Design issues for rectangular hyperbolic model with constrained lower range of predictor	Allison Smith, UOW Towards an improved multi-environment trial analysis	Alison Kelly, DEEDI Qld Estimation in a linear mixed model with a non-positive definite variance matrix	
		Session 7b	35.G.20 Duncan Brown Lect. T	Payam Mokhtarian, UOW Robust Block Bootstrap Fitting of Linear Mixed Models	Shalem Lee, UOA Multivariate Visual Clustering of Single Nucleotide Polymorphisms and Clinical Predictors using Chernoff Faces	Paul Rippon, UON Errors in the parametric bootstrap.	
3.00	3.30	Afternoon Tea					
3.30	5.00	Session 8	35.G.45	Anne Porter, UOW Sharing Mathematics and Statistics Video Teaching Resources	Ali Algarni, UOW Evaluating the Use of Worked Examples & Problem Solving Methods in Teaching Math's for ESL Students at the Tertiary Level	Maureen Townley-Jones UON. Best Practice in Teaching and Learning Statistics : What is it?	David Steel, UOW (and student awards)

