

Thursday 4th September am

	Parallel Session A	Parallel Session B	Parallel Session C	Parallel Session D	Parallel Session E
9.30 to 11.00	<p>Session 7A</p> <p>THE STATISTICAL CHALLENGE OF LEGALLY INDUCED ABORTION (Contributed)</p> <p>Patrick Carroll (Papri) <i>The Demographic impact of legally induced abortion</i></p> <p>Mika Gissler (STAKES) <i>Mental Health post abortion</i></p> <p>Margaret Eames (Acorns Public Health Research Unit) & Greg Gardner (Birmingham GP) <i>Counting the cost of abortion in England over the last 40 years</i></p> <p>Joel Brind (New York) <i>Statistical issues in the literature on breast cancer and abortion</i></p>	<p>Session 7B</p> <p>NETWORKS (Invited)</p> <p>Mark Handcock (Washington) <i>Statistical Models for Social Networks: Heider's theory of Balance vs Simmel's triadic formation</i></p> <p>Rowland Kao (Glasgow) <i>Network approaches to analysing epidemics in well-characterised structured populations</i></p> <p>Chris Cannings (Sheffield) <i>Preferential Attachment Models for Network Growth</i></p>	<p>Session 7C</p> <p>SURVEYING CHILDREN - ISSUES AND SOLUTIONS (Invited)</p> <p>Kate Smith (Institute of Education) <i>Collecting data from children in the Millennium Cohort Study</i></p> <p>Jenny Graham (ScotCen) <i>Children's views on ethical issues in survey research</i></p> <p>Diane Beddoes (Office for Public Management) <i>Collecting data from young people</i></p> <p>John Flatley (Home Office) <i>Interviewing children in the British Crime Survey</i></p>	<p>Session 7D</p> <p>PROCESS ANALYTICAL TECHNOLOGIES (Invited)</p> <p>David Burnham (SAS) Role of statistical thinking in design, development and manufacture of pharmaceutical products</p> <p>Julian Morris (Newcastle) <i>PAT and the impact of process chemometrics in performance monitoring, control and the handling of messy spectral data</i></p> <p>Theodora Kourti (GSK) PAT and Multivariate Process Performance Monitoring: The path to real time release</p>	<p>Session 7E</p> <p>HIGH-DIMENSIONAL DATA (Contributed)</p> <p>Chris Harbron (Astrazeneca) <i>A flexible probe level approach to improving the quality and relevance of affymetrix microarray data</i></p> <p>Casper Albers (Open University) <i>A Bayesian graphical dynamic approach to forecasting and monitoring road traffic flow networks</i></p> <p>John Aston (Warwick) <i>Change Point Detection in fMRI through the use of algorithms to find pattern distributions</i></p>
Tea					
11.30 to 13.00	<p>Session 8A</p> <p>BEST OF YSM 2008 (competition winners at the 2008 Young Statisticians Meeting)</p> <p>Mark Kelly (Cardiff) <i>A comparison of different approaches to modelling patient diary information</i></p> <p>Daniel Farewell (Cardiff) <i>A pragmatic bootstrap for inference about variance components in multilevel models</i></p> <p>Graeme Chamberlain (ONS) <i>Data uncertainty and economic policy</i></p>	<p>Session 8B</p> <p>ENVIRONMENT (Contributed)</p> <p>Steffen Unkel (Open University) <i>Independent factor analysis of climate data</i></p> <p>Philip Jonathan (Shell) <i>Modelling the seasonality of extreme waves in the Gulf of Mexico</i></p> <p>Aki Niemi (Finland) <i>Single-tree estimation of forest stand variables from LIDAR measurements</i></p>	<p>Session 8C</p> <p>METHODOLOGY DEVELOPMENTS FOR THE 2011 CENSUS (Invited)</p> <p>Keith Spicer (ONS) <i>Census disclosure control - a risk utility evaluation</i></p> <p>Owen Abbott (ONS) <i>Census coverage assessment and adjustment - methodology, strengths and limitations</i></p> <p>Marie Cruddas (ONS) <i>Census validation - edit and imputation methods</i></p> <p>Ruth Wallis (ONS) <i>Census question testing - qualitative methods</i></p>	<p>Session 8D</p> <p>RECENT ADVANCES IN STATISTICAL SIGNAL PROCESSING (Invited)</p> <p>Rob Nowak (Wisconsin-Madison) <i>Compressed Sensing and Wireless Communications</i></p> <p>Edward Bullmore (Cambridge) <i>Wavelets and scale invariance in analysis of functional neuroimaging time series</i></p>	<p>Session 8E</p> <p>HEALTH-RELATED (Contributed)</p> <p>Gillian Lancaster (Lancaster) <i>Matched cohort design to assess parental depression following child's diagnosis of cystic fibrosis</i></p> <p>Michael Festing <i>Do toxicologists use the wrong animals in safety testing?</i></p> <p>Phillippa Cumberland (UCL) <i>Using Copulas to model bivariate refractive error data from the 1958 British Birth Cohort</i></p> <p>Dave Collett (UK Transplant) <i>Malignancy in transplant recipients</i></p>
Lunch	<p>1.30pm High Performance Statistical Computing/ Computational Statistics</p> <p>- a report from the Manchester Workshop proposing a Collaborative Computational Project</p>		<p>1.30pm RADICAL STATISTICS</p> <p>David Byrne (Durham) <i>Statistics in Consultation</i></p>		<p>1.30pm RSS CENTRE FOR STATISTICAL EDUCATION</p> <p>Richard Gadsden <i>The Variety in Statistics Assessment project</i></p>

Thursday 4th September pm

14.00 to 15.30	PLENARY 4: Sir Michael Scholar (UK Statistics Authority)				
Tea	Parallel session A	Parallel session B	Parallel session C	Parallel session D	Parallel session E
16.00 to 17.30	<p>Session 9A</p> <p>MEASURES OF SUCCESS FOR THE STATISTICS AUTHORITY (Invited)</p> <p>John Pullinger (House of Commons Library)</p> <p>Ian Maclean (Business & Trade Statistics Ltd)</p> <p>Lord Lipsey (Campaign for Real Statistics)</p>	<p>Session 9B</p> <p>GENERAL (Contributed) 4</p> <p>Frederick Wheeler (Competition Commission) Can economic choices be modelled without the assumption of utility</p> <p>William Browne (Bristol) Investigating environmental preferences in laying hens</p> <p>Axel Gandy (Imperial College) Sequential implementation of Monte Carlo Tests with Uniformly Bounded Resampling risk</p>	<p>Session 9C</p> <p>BAYESIAN METHODS (Contributed)</p> <p>Catriona Queen (Open University) Intervention and causality in a dynamic Bayesian network</p> <p>Samer Kharroubi (York) A comparison of United States and United Kingdom EQ-5D health states valuations using a nonparametric Bayesian method</p> <p>Swarap De (Open University) Bayesian State Space Model for Chernobyl's radioactive deposition in Bavaria</p>	<p>Session 9D</p> <p>HIGH-DIMENSIONAL DATA & INFERENCE (Invited)</p> <p>Phil Brown (Kent) Feature selection and model choice in a high dimensional setting</p> <p>Chris Holmes (Oxford) Bayesian methods for inference and testing of high dimensional linear sequences with local dependence structure</p> <p>Jelle Goemann (Leiden) Testing against a high-dimensional alternative</p>	<p>Session 9E</p> <p>R: FOUNDATIONS, PRESENT APPLICATIONS AND DEVELOPMENTS (Invited)</p> <p>Simon Wood (Bath) Extended smooth modelling and R</p> <p>Peter Dalgaard (Copenhagen) Beyond GLM: The potential for a generic likelihood toolbox</p> <p>Anthony Unwin (Augsburg) R packages and packaging R</p>
Evening	7pm Conference dinner at the Belgrave Rooms in Nottingham Guest speaker: Max Porter (GSK)				

Friday 5th September

	Parallel Session A	Parallel Session B	Parallel Session C	Parallel Session D
10.00 to 11.30	<p>Session 10A</p> <p>CLIMATE & RENEWABLE ENERGIES (Invited)</p> <p>Chris Glasbey (BioSS) <i>A spatiotemporal auto-regressive moving average model for solar radiation</i></p> <p>Marc Genton (Geneva) <i>Powering up with space-time wind forecasting</i></p> <p>Goetz Richter (Rothamsted) <i>Uncertainties of estimating productivity for biofuel feedstocks at the small field and regional or sub-regional scale</i></p>	<p>Session 10B</p> <p>STATISTICAL COMPUTING (Contributed)</p> <p>William Browne (Bristol) <i>Simple methods to improve MCMC efficiency in random effects models</i></p> <p>Yuzhi Cai (Plymouth) <i>Quantile Function Modelling</i></p> <p>Andrew Runnalls (Kent) <i>Towards Provenance Tracking in R</i></p>	<p>Session 10C</p> <p>STATISTICS & SPORT (Invited/Contributed)</p> <p>Tim Swartz (Simon Fraser University) <i>Using sports and the Olympics for statistics teaching, learning and research</i></p> <p>Phil Scarf (University of Salford) <i>Optimum strategy in sport: examples from cricket and track cycling</i></p> <p>Nicoletta Rosati (Lisbon) <i>Departure from independence and stationarity in a handball match</i></p>	<p>Session 10D</p> <p>SOCIAL STATISTICS (Contributed)</p> <p>James Halse (DCSF) <i>Mama Never Told Me (What qualifications she had)</i></p> <p>Daphne Kounali (Bristol) <i>The probity of Free School Meals eligibility in official records as a measure of education disadvantage</i></p> <p>Frank Dunstan (Cardiff) <i>Statistical models for identifying cases of child abuse</i></p>
Coffee				
11.45 to 13.00	<p>PLENARY 5:</p> <p>Wolfgang Lutz (Vienna Institute of Demography)</p> <p><i>The accelerating speed of population ageing</i></p>			
	Close of conference	Lunch to go' available		