

# BIOMETRIC BULLETIN

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#### 4. Noncompliance in Clinical Trials: Causal Effect of Observed Exposure on Outcome

**Organizer:** E. Goetghebeur

(Rijksuniversiteit Limburg, The Netherlands)

**Speakers:** **Stuart Pocock** (London School of Hygiene and Tropical Epidemiology, London, UK) The hopes and the hazards of using compliance data

**Andrea Rotnitzky** (Harvard School of Public Health, Boston, USA) Estimation of structural nested models with non-ignorable treatment assignment

**Discussant:** **Sir David R. Cox** (Nuffield College, Oxford, UK)

#### 5. Stochastic Multivariate Models of Population Dynamics

**Organizer:** **James H. Matis** (Texas A&M Univ., TX, USA)

**Speakers:** **Brian Dennis** (Univ; of Idaho, ID, USA) How can models be connected to time series data?

**James H. Matis** (Texas A&M Univ., TX, USA) Density-dependent birth-death-migration process

**Discussant:** **E. Renshaw** (Scotland)

#### 6. Allowing for Competition Effects in the Design and Analysis of Experiments in Agriculture (Horticulture and Forestry)

**Organizer:** **Rosemary Bailey** (School Mathematical Sciences, Queen Mary and Westfield College, London, UK)

**Speakers:** **Rob Kempton** (Scottish Agricultural Statistics Service, Edinburgh, Scotland) Designs for interference in agricultural experiments

**S.J. Welham** (IACR-Rothamsted, UK) Designing experiments in mixed population

**Gérard Philippeau** (Institut Technique des Céréales et des Fourrages, Boigneville, France) and **Olivier David** (Institut National de la Recherche Agronomique, Versailles, France) Statistical methods to control competition in variety trials

#### 7. Design and Analysis of Ecologic Studies

**Organizer:** **Ross Prentice** (Fred Hutchinson Cancer Research Center, WA, USA)

**Chair:** **Ray Carroll** (Texas A&M, TX, USA)

**Speakers:** **Jamie Robins** (Harvard School of Public Health, MA, USA) Causal Inference in ecologic studies

**Martyn Plummer** (International Agency for Research Center, MA, USA) Estimation of population exposure in ecologic studies

**Ross Prentice** Aggregate data studies of disease risk factors

#### 8. Statistics for Environmental Data

**Organizer:** **Carles Cuadras** (Univ. of Barcelona, Spain)

**Speakers:** **Cajo ter Braak** (DLO-Agricultural Mathematics Group, The Netherlands) On reconstructing paleo-environments from species composition data

**Reinhold Fieler** (Akvaplan-niva, Norway) Testing multivariate models on simulated environmental data

**Josep Fortiana** (Univ. of Barcelona, Spain) Distance-based prediction with environmental data

**Discussant:** **M.J. Greenacre** (Univ. Pompeu Fabra, Barcelona, Spain)

#### 9. Bayesian Methods in Biometry

**Organizer:** **Christian Robert** (ENSAL, Paris, France)

**Speakers:** **Jérôme Dupuis** (Univ. de Toulouse, France) A Bayesian test for a leader effect in stratified capture-recapture models

**Edward Green** (Rutgers Univ., UK) Bayesian mixture modelling of satellite data

**Discussant:** **Robert Wolpert** (Duke Univ., NC, USA)

#### 10. Exposure Measurement Error in Nutritional Epidemiology

**Organizer:** **Ray Carroll** (Texas A&M, TX, USA)

**Speakers:** **Jouni Kuha** (Nuffield College, Univ. of Oxford, UK) Monte Carlo methods of adjusting for measurement error

**Martyn Plummer** (International Agency for Research Center, MA, USA) Correction for measurement error and the calibration problem

**Donna Spiegelman** (Harvard School of Public Health, MA, USA), **Sebastian Schneeweiss** (University of Munich, Germany) & **Aidan McDermott** (Univ. College Galway, Ireland)

Measurement Error Correction for Logistic Regression Models with an "Alloyed Gold Standard"

**Raymond Carroll** (Texas A&M, TX, USA), **David Ruppert** (Cornell Univ., USA) & **A.H. Welsh** (Australian National Univ., Canberra, Australia) Nonparametric Calibration

#### 11. Dynamic Graphics: A Change of Attitude in Data Analysis

**Organizer:** **Anna Bartkowiak** (Poland)

**Speakers:** **Deborah Swayne** (Bellcore, Morristone, NJ, USA) & **Andreas Buja** (AT&T, NJ, USA) Missing

Data in Interactive High-Dimensional Data-Visualization

**Forrest Young** & **Carla M. Bann** (Univ. of North Carolina, NC, USA) Visual Statistical Analysis Using ViSta