

1984 Easter Meeting of Research Students in  
Probability and Statistics

1-4 April, 1984

PROGRAMME

All talks will be in room 340, Huxley Building, tea and coffee in room 549.

Monday, 2nd April

- 9.00 Welcome and Introduction  
Professor David COX (Imperial College)  
Trends in statistics - some future research problems
- 10.00 Timothy DAVIS (Birmingham)  
Statistical analysis of tyre testing failure time data
- 10.30 Coffee
- 11.00 Andrew PHILLIPS (Royal Free Hospital)  
Risk factors for ischaemic heart disease: a  
prospective study
- 11.20 Richard STONE (Oxford)  
Radiation epidemiology
- 11.40 Catherine WORRALI (University College London)  
to be announced
- 12.00 Patricia SOLOMON (Imperial College)  
Variability in blood pressures
- 12.30 Lunch
- 14.00 Alun THOMAS (Cambridge)  
to be announced
- 14.30 Françoise SEILLIER (University College London)  
Assessment of Sequential probabilistic forecasting  
systems
- 15.00 Steven EVANS (Cambridge)  
A survey of the applications of nonstandard methods  
to probability theory
- 15.30 Tea
- 16.00 Alastair YOUNG (Cambridge)  
Conditionality and the bootstrap
- 16.30 Alan PHILLIPS (Birmingham)  
to be announced
- 17.00 G. WATERS (Bath)  
Problems in digitizing point sets and line drawings

15.00 (17.20)

Charles TAYLOR (Imperial College)  
Nonparametric probability density estimation  
17.20 *Talk by Kuhn*  
18.30 Buffet reception. Ante-room, Sheffield building.

Tuesday, 3rd April

- 9.00 *11.00* ~~11.00~~ *to be announced*  
Iffe ~~ALDINS~~ (Cambridge)
- 9.30 Bianca DE STAVOLA (Imperial College)  
Sampling design for short panel data
- 10.00 Chris GRAY (Birmingham)  
Analysis of reliability growth
- 10.30 Coffee
- 11.00 Jane HUTTON (Imperial College)  
Stochastic models of ephemeral and intermittent streams
- 11.30 David GEORGE (Cambridge)  
Chaotic differential equations
- 12.00 George MARKOPOULIOTIS (Imperial College)  
Doubly stochastic processes
- 12.30 Lunch
- 13.45 Ejaz AHMED (Strathclyde)  
Selection and ranking populations: applications to food price indices.
- 14.15 Maurice AGHEBO (Imperial College)  
Remarks on variance reduction in Monte Carlo methods of estimating distribution functions
- 14.45 Malcolm MOORE (London School of Hygiene and Tropical Medicine)  
The analysis of the parallel line assay with quantal response
- 15.05 S. Martins OGBORNMAN (Imperial College)  
On a theoretical statistical inference range test - the multi-sample case
- 15.25 Tea
- 15.50 David COATES (Newcastle)  
Complex Demodulation - insight into non-stationary time series
- 16.20 Peter SMITH (Royal Holloway College)  
A comparison of Walker's method of estimation of the parameters of an ARMA process with Godolphin's method
- 16.40 Teresa BRUNSDON (Southampton)  
Time Series analysis of compositional data

17.00 David FIRTH (Imperial College)  
An analysis of vote changing  
17.30 Marie CRUDDAS (Imperial College)  
STAYCAMP: King of the jungle? - a demonstration

Wednesday, 4th April

- 9.00 Rama MOYED (Bath)  
Recursive estimation of growth curves
- 9.30 James APPLETON (Strathclyde)  
Modelling a small telephone exchange
- 10.00 Jonathan KUHN (Cambridge)  
Risk sensitive control theory
- 10.30 *9.00 Talk by Kuhn*  
Anthony DAVISON (Imperial College)  
Choosing between three extremes
- 11.00 Coffee (and end)

1984 EASTER MEETING OF RESEARCH STUDENTS IN PROBABILITY AND STATISTICS

Participants	Year	Area of interest	Institution
Maurice Aghebe	3	X Monte Carlo Methods	Imperial College - London
Ejaz Ahmed	2	X Design of Experiments	Un. of Strathclyde
Anne Ainsley	2	X Analysis of Field Trials	Un. of Edinburgh
M. Akhtar	2	X Response Surface Design	Un. of Strathclyde
James Appleton	2	X Queueing Theory	Un. of Strathclyde
Teresa Brunsdon	2	X Time Series	Un. of Southampton
David Coates	3	X Time Series	Un. of Newcastle
Shirley Coleman	2	X Computer Graphics Stereology	Un. of Newcastle
Marie Cruddas	1	X Asymptotic Theory	I.C. - London
Timothy Davis	2	X Survival Analysis	Un. of Birmingham
Anthony Davison	3	X Statistics of Extremes	I.C. - London
Bianca De Stavola	2	X Stochastic Processes	I.C. - London
Shebl Elberry	3	X Time Series	Un. of Strathclyde
Steven Evans	1	X Random Field Theory	Un. of Cambridge
David Firth	1	X Categorical Data	I.C. - London
David George	1	X Differential Equations	Un. of Cambridge
Chris Gray	3	X Point Processes	Un. of Birmingham
Eryl Harris	2	X Time Series	Un. of Cardiff
Jane Hutton	1	X Stochastic Processes	I.C. - London
Khalifa Jaber	3	X Inference, Hyp. Testing	Un. of Newcastle
Chalib Khoshaba	1	X Bayesian Inference	Un. of Cardiff
Mark Kopyn	1	X Multivariate Analysis	Pol. of North London
Jonathan Kuhn	2	X Dynamic Programming - Game Theory	Un. of Cambridge
Gerwyn Llwyd Williams	2	X Scheduling and Sequencing	Un. of Aberystwyth
Elaine Manning	1	X Time Series	Un. of Aberystwyth
George Markopoulotis	1	X Stochastic Processes	I.C. - London
Malcolm Moore	1	X Design of Biossays	LSH & TM - London
Rana Meyeed	1	X Regression Analysis	Un. of Bath

Sunday M. Ogbonwan	1	X Non-parametric Statistics	I.C. - London
Maresh Parmar	1	X Categorical Data	Un. of Oxford
Alan Phillips	2	X Estimation of pop. size	Un. of Birmingham
Andrew Phillips	1	X Medical Statistics	Royal Free H. - London
Chris Rogers	1	X Multivariate Analysis	Un. of Bath
Françoise Seillier	2	X Calibration - Forecasting	U.C. - London
Linda Sharples	1	X Bayesian Statistics	Un. of Nottingham
Peter Smith	1	X Time Series	Royal Holloway College
Babatunde Sogunro	1	X Missing Observations	Un. of Hull
Patricia Solomon	3	X Medical Statistics	I.C. - London
Richard Stone	1	X Spatial Statistics	Un. of Oxford
Charles Taylor	3	X Spatial Statistics	I.C. - London
Alun Thomas	2	X Mathematical Genetics	Un. of Cambridge
Ilze Ziedins	1	X Stochastic Processes	Un. of Cambridge
Alastair Young	2	X Geometrical Statistics	Un. of Cambridge
G. Wattes	2	X Interactive Computing	Un. of Bath
Catherine Worrall	1	X Medical Statistics	U.C. - London
Julia Wort	1	X Geometric Probability	Royal Holloway College
Javier Alagon			Un. of Oxford
Richard Parsons	3	X Stochastic models	Un. of Cardiff