

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

Jonathan Kuhn

18.30

Buffet reception. Ante-room, Sherfield building.

Tuesday, 3rd April

- 9.00 IFZE ZIEDINS (Cambridge)
to be announced
- 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 AGHEDO (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 OGBONMWAN (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)
STATCAT: 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
- (7.20 ~~10.00~~) Jonathan KUHN (Cambridge)
Risk sensitive control theory
- 9.00 ~~10.30~~ 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	talk	area of interest	Institution
Maurice Aghedo	3	X	Monte Carlo Methods	Imperial College - London
Ejaz Ahmed	2	X	Design of Experiments	Un. of Strathclyde
Anne Ainsley	2		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 Brunson	2	X	Time Series	Un. of Southampton
David Coates	3	X	Time Series	Un. of Newcastle
Shirley Coleman	2		Computer Graphics Stereology	Un. of Newcastle
Marie Cruddas	1		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		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		Time Series	Un. of Cardiff
Jane Hutton	1	X	Stochastic Processes	I.C. - London
Khalifa Jaber	3		Inference, Hyp. Testing	Un. of Newcastle
Ghalib Khoshaba	1		Bayesian Inference	Un. of Cardiff
Mark Konyon	1		Multivariate Analysis	Pol. of North London
Jonathan Kuhn	2	X	Dynamic Programming - Game Theory	Un. of Cambridge
Gerwyn Llwyd Williams	2		Scheduling and Sequencing	Un. of Aberystwyth
Elaine Manning	1		Time Series	Un. of Aberystwyth
George Markopouliotis	1	X	Stochastic Processes	I.C. - London
Malcolm Moore	1	X	Design of Bioassays	LSH & TM - London
Rana Moyeed	1	X	Regression Analysis	Un. of Bath

Sunday M. Ogbonmwan	1		Non-parametric Statistics	I.C. - London
Mahesh Parmar	1		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		Multivariate Analysis	Un. of Bath
Françoise Seillier	2	X	Calibration - Forecasting	U.C. - London
Linda Sharples	1		Bayesian Statistics	Un. of Nottingham
Peter Smith	1	X	Time Series	Royal Holloway College
Babatunde Sogunro	1		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		Medical Statistics	U.C. - London
Julia Wort	1		Geometric Probability	Royal Holloway College
Javier Alagon				Un. of Oxford
Richard Parsons	3		Stochastic models	Un. of Cardiff