

# Historical Gregynog Statistical Conferences

## 1 Speakers by date

Talk	Edition	#	Speaker	Talk Title	Notes
1	1st Gregynog (1965)	1	Dr. John Aitchison (Cambridge)	Prediction	See 'Research notes'
2	—  —	2	Dr. Larry Brown (Cornell)	Admissable Estimators of Location Parameters	
3	—  —	3	Prof. Henry Daniels (Birmingham)	Stock Market Problem	See 'Research notes'
4	—  —	4	Dr. Frank Downton (Birmingham)	Order Statistics	See 'Research notes'
5	—  —	5	Dr. Toby Lewis (UCL)	Factorisation of Characteristic Function	
6	—  —	6	Mr. David Wishart (St Andrews)	Bacterial Colonies: Stochastic Models	See 'Research notes'
7	2nd Gregynog (1966)	1	Prof. David Cox (Birkbeck / Imperial)	Analysis of Qualitative Data	See 'Research notes'
8	—  —	2	Dr. Marvin Zelen (National Cancer Institute, Bethesda, MD)	Operational Methods in the Design of Experiments	See 'Research notes'
9	—  —	3	Dr. Alan Durrant (Aberystwyth)	Analysis of Genetic Variation	See 'Research notes'
10	—  —	4	Prof. B.L. Welch (Leeds)	Comparisons between Confidence Point Procedures	See 'Research notes'
11	—  —	5	Dr. Peter Bickel (Berkeley)	Asymptotic Theory of Bayes Solutions	See 'Research notes'
12	—  —	6	Mr. Jeff Harrison (ICI)	Short-Term Sales Forecasting	See 'Research notes'
13	—  —	7	Dr. Murray Rosenblatt (San Diego)	Spectra and their Estimates	See 'Research notes'
14	—  —	8	Dr. John Bather (Manchester)	Continuous Control of a Simple Inventory on Dam	See 'Research notes'
15	3rd Gregynog (1967)	1	Prof. James Coleman (John Hopkins)	Two Alternative Methods for Attitude Change	See 'Research notes'
16	—  —	2	Prof. Paul Meier (Chicago)	Estimation from Incomplete Observations	See 'Research notes'

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Talk	Edition	#	Speaker	Talk Title	Notes
17	—  —	3	Prof. H.D. Brunk (Oregon State)	Certain Generalized Means and Associated Families of Distributions	
18	—  —	4	Prof. David Kendall (Cambridge (Statslab))	Exchangeable Events	
19	—  —	5	Dr. H. Brøns (Copenhagen)	On the Geometry of the Normal Distribution	See 'Research notes'
20	—  —	6	Dr. M. Stone (Durham)	Probabilities of Large Deviations of the Two-Sample Wilcoxon Statistic	See 'Research notes'
21	—  —	7	Prof. Robert Bechhoffer (Cornell)	Procedures for Ranking Normal Means	See 'Research notes'
22	4th Gregynog (1968)	1	Prof. Dennis Lindley (UCL)	Information, weighing of evidence, degree of corroboration and explanatory power	
23	—  —	2	Prof. Ingram Olkin (Cambridge (Statslab))	Testing and estimation for a Circular Stationary Model	
24	—  —	3	Prof. Joe Gani (Sheffield)	Recent work in storage theory	
25	—  —	4	Prof. B.G. Greenberg (UCL (Galton Lab))	Randomised Response Models in Interviewing - the Unrelated Question Technique	
26	—  —	5	Dr. Milton Sobel (Imperial)	Fixed Subset-Size vs. Random Subset-Size Procedures in Selection Problems	
27	—  —	6	Prof. George Barnard (Essex)	Statistical Inference in High Energy Physics	
28	—  —	7	Prof. R.N. Curnow (Reading)	An approximate method of studying certain random walks arising in Genetics	
29	—  —	8	The Warden (Gregynog)	18th Century Son et Lumiere	Gregynog Warden
30	5th Gregynog (1969)	1	Dr. W.J. Zimmer (Dublin)	Minimax Estimation	
31	—  —	2	Prof. D.J. Bartholomew (Kent)	Stochastic models for manpower systems	
32	—  —	3	Prof. S.D. Silvey (Glasgow)	An analysis of multicollinearity	

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Talk	Edition	#	Speaker	Talk Title	Notes
33	—  —	4	Dr. A. Baines (ICI (Mond))	Some statistical technique problems of industrial statisticians	
34	—  —	5	Prof. J. Durbin (LSE)	Uses of Kolmogorov-Smirnov Statistics	
35	—  —	6	Prof. Bruce Hill (Lancaster / Michigan)	Bayes theorem for sampling from a population	
36	—  —	7	Prof. S. Vajda (Birmingham)	Stochastic programming	
37	—  —	8	Prof. Alun Davies (Aberystwyth)	The structure and the charter of the University of Wales	
38	6th Gregynog (1970)	1	Prof. Peter Whittle (Cambridge)	A sequential approach to Information and Search theory	
39	—  —	2	Dr. Peter Lewis (Imperial)	Analysis of cyclic time-trends in series of events	
40	—  —	3	Prof. H.O. Lancaster (LSHTM)	Interactions of higher orders in statistical distributions	
41	—  —	4	Dr. G. Paddle (ICI (Mond))	The cash value of experimental design	
42	—  —	5	Prof. M.R. Sampford (Liverpool)	Inferences about finite populations from unequal probability samples	
43	—  —	6	Dr. Robin Davies (ICI (Management))	The use of conditional entropy measures for analysing structure-activity relationships in biological data	
44	—  —	7	Dr. V.D. Barnett (Birmingham)	calibration and Accuracy - a problem in linear structural relationships	
45	—  —	8	Mr. B.S. Johnson (Gregynog)	Novels and Films	Gregynog Arts Fellow (1st)
46	7th Gregynog (1971)	1	Prof. R. Pyke (Imperial)	Empirical processes - a survey	
47	—  —	2	Dr. J.M. Hammersley (Oxford Institute of Economics and Statistics)	Self avoiding walks	
48	—  —	3	Mr. J.D. Chamberlain (ICI (Dyestuffs))	The control of visible speck in nylon polymer	
49	—  —	4	Prof. H.A.D. Miles (Birmingham)	British patrons of the Impressionists	
50	—  —	5	Prof. D.J. Finney (Edinburgh)	The Computer and experimental design	

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Talk	Edition	#	Speaker	Talk Title	Notes
51	—  —	6	Mr. A. Muir (Hoskyne Corporate Studies Ltd.)	Science and the business of management	
52	—  —	7	Prof. F. Downton (Birmingham)	Applications of the Blackwell-Rao theorem	
53	—  —	8	Prof. G.C. Tiao (Essex)	Analysis of Seasonal Data	
54	8th Gregynog (1972)	1	Prof. Patrick Billingsley (Chicago / Cambridge)	Weak convergence of stochastic processes	
55	—  —	2	Dr. John Nelder (Rothamsted)	The Computer and Statistical Analysis	
56	—  —	3	Prof. S. Johansen (Copenhagen / Imperial)	An item analysis model for pairwise comparisons	
57	—  —	4	Dr. Osian Ellis (Gregynog)		Gregynog Arts Fellow (2nd)
58	—  —	5	Prof. W.A. O'N Waugh (Toronto / Sheffield)	Taboo extinction and asymptotic growth of birth and death processes	
59	—  —	6	Dr. D. Wishart (Birmingham)	Stochastic Dynamical Systems	
60	—  —	7	Mr. P.W. Jones (Aberystwyth)	Sequential estimation in binomial populations	
61	—  —	8	Mr. E.M.L. Beale (SCICON)	Selecting subsets in regression and depot location	
62	9th Gregynog (1973)	1	Dr. M. Faddy (Birmingham)	Diffusion Models and Dam Control Problems	
63	—  —	2	Mr. K.M. Griffiths (Gregynog)	Film-making	Gregynog Arts Fellow (3rd)
64	—  —	3	Prof. M. Gent (McMaster)	Controlled Clinical Trials in Theory and Practice	
65	—  —	4	Dr. J.A. Cornell (Florida / Birkbeck)	Designs and Models for Mixture Experiments	
66	—  —	5	Dr. N.A. Goodchild (Western Australia / Birkbeck)	An approach to the Analysis of Repeated Experiments	
67	—  —	6	Prof. Henry Daniels (Birmingham)	Musical Interlude	Musical Interlude (1st)
68	—  —	7	Prof. J.A. Dickey (New York / UCL)	Bayesian Hypothesis Testing	
69	—  —	8	Prof. Brad Efron (Stanford / Imperial)	Stein's Rule and Empirical Bayes Estimation	
70	—  —	9	Prof. Dennis Lindley (UCL)	Predictive Distributions	
71	10th Gregynog (1974)	1	Prof. David Blackwell (California)	Gambling with Variance	

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Talk	Edition	#	Speaker	Talk Title	Notes
72	—  —	2	Dr. Alcywn Jones (Shell (Thornton))	Singular Value Decomposition and its Application	Gregynog Arts Fellow (4th)
73	—  —	3	Mr. Tony Harrison (Gregynog)	Poet, discussing own work	
74	—  —	4	Prof. John Rolph (Rand / UCL)	Empirical Bayes Methods Applied to a Spatial Analysis Problem	
75	—  —	5	Prof. Eugene Lukacs (Bowling Green State / Sheffield)	Stability Theorems	
76	—  —	6	Prof. Henry Daniels (Birmingham)	Musical Interlude	Musical Interlude (2nd; Jointly with Mr. Alan Girling (Birmingham))
77	—  —	7	Prof. V.V. Federov (Moscow / Imperial)	Numerical Methods of Constructing Optimal Regression Designs	Gregynog Arts Fellow (5th)
78	—  —	8	Prof. Frederick Leysieffer (Florida / Sheffield)	Infinite Markovian Particle Systems and Applications	
79	—  —	9	Prof. Samprit Chatterjee (New York / UCL)	Allocation Problems in Multivariate Surveys	
80	11th Gregynog (1975)	1	Prof. W.A. Thompson (Missouri / Imperial)	Aging and Multiple Risk Systems	
81	—  —	2	Prof. T.W. Anderson (Stanford / LSE)	Estimation in Autoregressive Moving Average Processes	
82	—  —	3	Mr. Emyr Humphreys (Gregynog)	The Storyteller and the Mass Media	
83	—  —	4	Prof. Peter Bickel (Berkeley / Imperial)	Using Residuals Robustly	
84	—  —	5	Dr. A.F. Bissell (Independent)	The Jackknife: A Practical Appraisal Using Data from Two Industrial Experiments	
85	—  —	6	Prof. J.E. Cohen (Harvard / Cambridge)	Ergodic Theorems of Demography	
86	—  —	7	Prof. Alan Hawkes (Swansea)	Some Simple Stochastic Models for the Transmission of Nerve Impulses Across Muscle Membranes	
87	—  —	8	Prof. P. Jagers (Gothenburg)	Branching Models for Cell Proliferation	

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Talk	Edition	#	Speaker	Talk Title	Notes
88	12th Gregynog (1976)	1	Prof. H.D. Brunk (Oregon State)	Univariate Density Estimation by Orthogonal Series	Gregynog Arts Fellow (6th)
89	—  —	2	Mr. A.A. Greenfield (British Steel Corporation)	Algorithms for Experimental Design	
90	—  —	3	Mr. Jack Crabtree (Gregynog)	Making a Pictorial Record of the changing face of the Coalfields	
91	—  —	4	Prof. B.M. Hill (Michigan)	Robust Inference for Extreme Data	
92	—  —	5	Prof. O.L. Davies (Aberystwyth)		
93	—  —	6	Dr. D. Szasz (Hungarian Academy of Sciences)	Renewal Theory and Multicomponent Reliability Systems	
94	—  —	7	Prof. K.W. Kemp (Cardiff)	Reality and Theory	
95	—  —	8	Prof. D.L. Iglehart (Stanford)	Statistical Analysis of the Output of Computer Simulations	
96	13th Gregynog (1977)	1	Mr. Max Beran (Institute of Hydrology, Wallingford)	Some Statistical Applications in Hydrology	
97	—  —	2	Mr. A.J. Bourne (National Centre of Systems Reliability, Culcheth)	Reliability Assessment of Technological Systems	
98	—  —	3	Dr. B. Johnston (Manitoba / UCL)	A Consulting Problem Involving Partitions of Latin Squares	
99	—  —	4	Prof. Ingram Olkin (Stanford / Imperial)	A New Class of Multivariate Tests via the Union-Intersection Principle	
100	—  —	5	Prof. J.M. Dickey (Aberystwyth)	Coherent Consensus Precedes Certainty	
101	—  —	6	Mr. Ken Sharpe (Melbourne / Manchester)	Some Aspects of a Model for Wind Loading on Structures	
102	—  —	7	Prof. J.L. Teugals (Leuven / Statslab, Cambridge)	A Survey of Regular Variation in Probability Theory	
103	—  —	8	Prof. E.J. Wegman (North Carolina / Manchester)	How to give orders: Statistical Inference Under Order Restrictions	

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Talk	Edition	#	Speaker	Talk Title	Notes
104	14th Gregynog (1978)	1	Prof. J. Leroy Folks (Oklahoma / UCL)	Significance Testing vs. Decision Making	Gregynog Arts Fellow (7th)
105	—  —	2	Prof. M.F. Driscoll (Arizona / Cambridge)	A survey of Multiple Linear Regression (A Tourist's Guide to Ordinary and Biased Least-Squares)	
106	—  —	3	Mr. Barrie Cook (Gregynog)	The Nature of Creativity	
107	—  —	4	Prof. Henry Daniels (Birmingham)	Saddlepoint and Related Approximations in Statistics	
108	—  —	5	Prof. M. Aitkin (Lancaster)	The Fitting of Exponential and Weibull Models to Complex Survival Data with Covariates and Censoring using GLIM	
109	—  —	6	Mr. J.E. Hailstone (SRC Rutherford Computer Laboratory)	The SRC Interactive Computing Facility and the need to provide for Statistical work	
110	—  —	7	Dr. Russell Cheng (University of Wales, Institute of Science and Technology)	Maximum Product-Of-Spacings Estimation with an Application to the Lognormal Distribution	
111	—  —	8	Prof. John Copas (Salford)	Density Estimation and Suicide Risk	
112	15th Gregynog (1979)	1	Prof. L. Broekhoven (Queens University, Ontario)	A statistical package for the analysis of categorical data (LOGREG)	
113	—  —	2	Prof. R.A. Bradley (Florida / Rothamsted)	A method of paired comparisons	
114	—  —	3	Prof. M. Mori (Ibaraki / Imperial)	Two formulae for M/G/c	
115	—  —	4	Prof. M. Rosenblatt (California / Cambridge)	Linear processes and bispectra	
116	—  —	5	Mr. Graham Whettam (Gregynog)	Talk about his work, including a performance by Geraldine Allen (clarinet) and the composer	Gregynog Arts Fellow (8th)
117	—  —	6	Prof. P.R. Freeman (Leicester)	A review of the secretary problem	
118	—  —	7	Dr. C.C. Heyde (CSIRO Canberra / Imperial)	Asymptotic posterior normality for stochastic processes with an application to the assessment of epidemics	

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Talk	Edition	#	Speaker	Talk Title	Notes
119	—  —	8	Prof. L.P. Lefkovitch (Carlton / Waterloo / Agriculture Canada / Rothamsted)	Mathematical Programming and clustering: covering weighted graphs	
120	16th Gregynog (1980)	1	Prof. Adrian Smith (Nottingham)	Bayes tests and imaginary observations	
121	—  —	2	Mr. P. Van Dijk (Pilkington Bros.)	Breaking strength of glass fibres	
122	—  —	3	Mr. P. Reddick (Gregynog)	An eye opener - an audio-visual presentation of slides and music using two projectors	Gregynog Arts Fellow (9th)
123	—  —	4	Prof. R.A. Wijsman (Illinois / Imperial)	Sequential confidence sets	
124	—  —	5	Prof. R.D. Bock (Chicago / Lancaster)	Fitting individual human growth curves	
125	—  —	6	Prof. F. Bradbury (Stirling)	Interdisciplinary research	
126	—  —	7	Prof. J.G. Kalbfleisch (Waterloo / Cambridge)	Some examples of the analysis of categorical data	
127	—  —	8	Dr. Nancy Reid (Imperial / UBC)	Robust estimation for censored data	
128	17th Gregynog (1981)	1	Prof. J.L. Snell (Dartmouth / Cambridge)	Random Walks and Electric Networks	
129	—  —	2	Prof. P.M. Robinson (Surrey)	Nonparametric Analysis of Time Series	
130	—  —	3	Mr. Ian Grainger (Gregynog)	Talk about his painting and printmaking	Gregynog Arts Fellow (10th)
131	—  —	4	Prof. D.P. Gaver (US Naval Postgraduate School / Free University of Brussels)	New Random Variables from Old by "Distributional Sculpturing"	
132	—  —	5	Prof. Y. Hosoya (Tohoku / Imperial)	Conditionality and Maximum Likelihood Estimation	
133	—  —	6	Prof. R.W. Andrews (Michigan / Southampton)	Statistical Sampling as a Last Resort: An Auditing Application	
134	—  —	7	Prof. M. Stephens (Simon Fraser / Birkbeck)	Goodness of fit tests based on the Empirical Distribution Function or on Graph Plotting Methods	
135	—  —	8	Mrs. M.F. Haworth (Business Statistics Office, Newport)	Large Scale Business Surveys	

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Talk	Edition	#	Speaker	Talk Title	Notes
136	—  —	9	Dr. D.J. Daley (Australian National University / Oxford)		
137	18th Gregynog (1982)	1	Prof. A. Agresti (Florida)	A survey of strategies for modelling cross-classifications having ordinal variables	
138	—  —	2	Dr. G.H. Freeman (National Vegetable Research Station, Wellesbourne)	Variations on a Latin theme	
139	—  —	3	Dr. L.R. Foulds (Canterbury, New Zealand)	Minimal phylogenetic trees from protein sequence data	
140	—  —	4	Dr. P.T. Davies (Shell (Thornton))	Coal/oil flow ratios: an example of statistical analysis of correlated observations	
141	—  —	5	Prof. Tore Schweder (Tromsø, Norway)	The method of correspondence analysis, applications to archaeology	
142	—  —	6	Mr. Jonah Jones (Gregynog)	Talk about his work as a sculptor, writer and film maker	Gregynog Arts Fellow (11th)
143	—  —	7	Prof. John Copas (Birmingham)	Models, data dependence and prediction	
144	—  —	8	Dr. B. Jørgensen (Odense)	Maximum likelihood estimation and large sample inference for generalised linear and non-linear regression models	
145	—  —	9	Prof. P.A.W. Lewis (US Naval Postgraduate School, Monterey)	The use of transformations in simulation output analysis	
146	19th Gregynog (1983)	1	Dr. A.F. Bissell (Independent)	Statistical Packages of Another Kind	
147	—  —	2	Dr. A.V. Tsukanov (Sevastapol IMI, USSR)	Design of Experiments for a Regression Model with Random Effects	
148	—  —	3	Mr. E.J. Godolphin (Royal Holloway)	Likelihood Methods in Time Series Analysis	
149	—  —	4	Prof. D. Holt (Southampton)	Analytic Uses of Survey Data: A Review	

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Talk	Edition	#	Speaker	Talk Title	Notes
150	—  —	5	Mr. P.R. Fisk (Edinburgh)	Controlled Selection	
151	—  —	6	Prof. R.M. Cormack (St Andrews)	Analysis of Log-linear Models for Capture-recapture	
152	—  —	7	Prof. G. Simons (North Carolina)	Sequential Medical Trials	
153	—  —	8	Prof. H.D. Brunk (Oregon State)	Bayes Least Squares Linear (BLSL) Estimation	
154	20th Gregynog (1984)	1	Prof. Philip Dawid (UCL)	The Nature of Probabilistic Theories	
155	—  —	2	Dr. V.T. Farewell (Fred Hutchison Cancer Centre, Seattle)	Some Statistical Methodology for the Analysis of Genetic Data from the HLA System	
156	—  —	3	Prof. Dennis Lindley (Independent)	A Bayesian Lady Tasting Tea	See 'Research notes'
157	—  —	4	Dr. B. Johnston (Manitoba)	The Prediction of Outcome for the Comatose Children: A Consulting Problem	
158	—  —	5	Prof. George Barnard (Independent)	What is Good and What is Bad about the Bayesian Approach to Statistical Inference	See 'Research notes'
159	—  —	6	Mr. John Metcalf (Gregynog)	Composer	Gregynog Arts Fellow (12th)
160	—  —	7	Mr. J.A. Lewis (ICI)	Clinical Trials: Statistical Developments of Practical Benefit to the Pharmaceutical Industry	
161	—  —	8	Mr. D.S. Poskitt (York)	Bayes Identification of Time Series Models	
162	—  —	9	Prof. E.T. Jaynes (Washington)	The Principle of Maximum Entropy for Solving Ill-Posed Problems	
163	21st Gregynog (1985)	1	Dr. Lyn Thomas (Manchester)	Making the Most of Uncertainty - Applications of Markov Decision Processes	
164	—  —	2	Dr. Tom Fearn (Flour Milling and Baking Research Association)	Analysis of Some Growth Data on Rats	
165	—  —	3	Ms. Clare Morgan (Gregynog)	Novelist	Gregynog Arts Fellow (13th)

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Talk	Edition	#	Speaker	Talk Title	Notes
166	—  —	4	Prof. Guy Latouche (Free University of Brussels)	Some Effects of Correlations on the Behaviour of Queues	
167	—  —	5	Mr. Richard Forsyth (IT Consultant)	Inside the Inference Engine - Approximate Reasoning Systems	
168	—  —	6	Dr. Agnes Herzberg (Imperial)	Inter-block and Intra-block Analysis and Nearest Neighbour Balance in the Design of Experiments	
169	—  —	7	Dr. Peter Donnelly (Swansea)	Some Applications of Genealogical Processes in Population Genetics	
170	—  —	8	Mr. John Gower (Rothamsted)	Distance Matrices in Statistics	
171	—  —	9	Prof. Mervyn Stone (UCL)	Coordinate Freedom	
172	22nd Gregynog (1986)	1	Prof. Robert Oliver (Berkeley / Warwick)	A Model to Predict Logistic Growth and Market Saturation	
173	—  —	2	Prof. Tom Louis (Harvard / Amsterdam)	Bootstrapping Empirical Bayes Estimates	
174	—  —	3	Ms. Denise Howel (Leeds)	A Monte Carlo Test for the Random Arrangement of Muscle Fibres	
175	—  —	4	Prof. Howell Tong (Kent)	Thresholds, Stability, Hong Kong	
176	—  —	5	Prof. Peter John (Texas, Austin)	Time Trends and Screening Experiments	
177	—  —	6	Prof. Charles Dunnett (Ontario / Swansea)	Multivariate Student's t: Applications and Tables	
178	—  —	7	Mr. Tim Davis (SP Tyres UK)	Survival and Tyres	
179	—  —	8	Prof. Sid Resnick (Colorado / Sussex)	Records from Improving Populations	
180	23rd Gregynog (1987)	1	Prof. Alan Washburn (US Naval Postgraduate School, Monterey / Edinburgh)	A Dynamic Search Game	
181	—  —	2	Prof. Andrew Harvey (LSE)	Multivariate Time Series and Control Groups: An Application to the UK Seat Belt Law	

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Talk	Edition	#	Speaker	Talk Title	Notes
182	—  —	3	Prof. Phil Brown (Liverpool)	Prediction Diagnostics for Calibration	
183	—  —	4	Mr. Ian Evett (Home Office)	Forensic Science and Bayesian Inference	
184	—  —	5	Dr. David Banks (Cambridge)	Improving the Bayesian Boot-strap	
185	—  —	6	Prof. Peter Lewis (US Naval Postgraduate School, Monterey)	A Program for Output Analysis of Multi Factor Simulations	
186	—  —	7	Dr. Chris Jones (Bath)	On the Robustness of Shrinkage Prediction in Regression	
187	—  —	8	Prof. Richard Lockhart (Simon Fraser)	Goodness of Fit, Quadratic Forms and Invariance Principles	
188	24th Gregynog (1988)	1	Dr. Adrienne Kemp (St Andrews)	Rapid Estimation for Discrete Distributions	
189	—  —	2	Dr. Alun Thomas (Bath)	An Algorithm for Drawing Pedigrees	
190	—  —	3	Prof. Warren Esty (Montana / Oxford)	Estimation for the Unindexed Multinomial Distribution	
191	—  —	4	Prof. D. Kemp (St Andrews)	Poisson Generation with Varying Parameters	
192	—  —	5	Prof. John Rice (California / Bath)	Stochastic Problems in the Analysis of Tonic Currents across Cell Membranes	
193	—  —	6	Dr. Nick Logothetis (GEC Research)	Radical Changes that Make Sense: The Need for the "Taguchi-method"	
194	—  —	7	Dr. Allan Seheult (Durham)	Experimental Design in Off-line Quality Control	
195	—  —	8	Prof. Michael Stephens (Simon Fraser / Birkbeck)	Tests of Fit Based on Probability Plots, with some Comparisons	
196	25th Gregynog (1989)	1	Prof. Iain Johnstone (Stanford / Bath)	Speeds of Estimation in Positron Emission Tomography	
197	—  —	2	Dr. Jim Smith (Warwick)	A Bayesian Model for Competitive Bidding for Contracts	
198	—  —	3	Dr. Janice Derr (Penn State / LSE)	Statistical Challenges in Drug Development	

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Talk	Edition	#	Speaker	Talk Title	Notes
199	—  —	4	Dr. Eric Smith (Virginia Polytechnic and State / Kent)	Multispecies Microcosm Experiments: Inference when there are more Variables than Data	
200	—  —	5	Dr. David Spiegelhalter (Cambridge (MRC Biostatistics))	Statistical Aspects of Medical Expert Systems	
201	—  —	6	Mr. Ian Hewitt (Unilever)	Consumer Loyalty	
202	—  —	7	Prof. Luis Pericchi (Simon Bolivar / Nottingham)	Robust Bayesian Credible Intervals and Prior Ignorance	
203	—  —	8	Prof. Keith Ord (Penn State / LSE)	Time Series Models for Multivariate Count Data	
204	26th Gregynog (1990)	1	Prof. Brian Yandell (Wisconsin / Glasgow)	Smoothed counts for biological processes	
205	—  —	2	Dr. Philip Whittall (Unilever)	From Muddle to Model: A transformation	
206	—  —	3	Dr. Eddie Mackenzie (Strathclyde)	Damped trend exponential smoothing	
207	—  —	4	Prof. David Colquhoun (UCL)	Looking at single molecules: ion channel properties as a Markov process	
208	—  —	5	Prof. John Copas (Birmingham)	Regression and sample selectivity	
209	—  —	6	Dr. Martin Jacobsen (Copenhagen / Imperial)	Existence and uniqueness of MLE's in discrete exponential families	
210	—  —	7	Prof. Tom Stroud (Queens University, Ontario / Aberystwyth)	Bayes predictive distributions for proportions with application to sample survey inference	
211	—  —	8	Prof. David Hinkley (Oxford)	Resampling as a practical tool	
212	27th Gregynog (1991)	1	Prof. George Styan (McGill)	Around a formula for the rank of a matrix product, with some statistical applications	
213	—  —	2	Dr. Derek Pike (ICI (Seeds))	The role of the statistician in biotechnological research	
214	—  —	3	Prof. Tony O'Hagan (Nottingham)	Conflicting information	

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Talk	Edition	#	Speaker	Talk Title	Notes
215	—  —	4	Mr. Andy Tremayne (York)	Some problems associated with testing in time series models with unit roots	
216	—  —	5	Prof. Julian Besag (Newcastle)	Monte Carlo sampling in Bayesian statistics	
217	—  —	6	Prof. John Kent (Leeds)	Transmission tomography and the EM algorithm	
218	—  —	7	Dr. Paul Garthwaite (Aberdeen)	Analysis of near infra-red reflectance data	
219	—  —	8	Prof. Byron Morgan (Kent)	Cluster analysis - the ultimate stopping rule	
220	28th Gregynog (1992)	1	Prof. Brian Ripley (Oxford)	Statistical aspects of neural networks	
221	—  —	2	Prof. Roger Mead (Reading )	Experimental design, loss of information and practical design	
222	—  —	3	Dr. Trevor Sweeting (Surrey)	Some applications of parameter based asymptotics	
223	—  —	4	Dr. Jake Ansell (Edinburgh)	Dependency in reliability	
224	—  —	5	Prof. Tore Schweder (Oslo)	Maximum simulated likelihood with applications to whale counting	
225	—  —	6	Dr. David Firth (Southampton)	Bias reduction of maximum likelihood estimates	
226	—  —	7	Mr. Andrew Grieve (ICI (Pharmaceuticals))	Measuring your posterior beliefs that you can count properly	
227	—  —	8	Prof. Peter Lewis (US Naval Postgraduate School, Monterey)	Non-linear Time Series using Multivariate Adaptive Regression Splines (MARS)	
228	29th Gregynog (1993)	1	Dr. Mike Kenward (Reading / Rothamsted)	Informative dropout in longitudinal data analysis	
229	—  —	2	Prof. David Hand (Open)	Discriminant Analysis (Short Course Lecture 1)	Short Course (1st)
230	—  —	3	Dr. Russell Cheng (Cardiff)	Embedded models in non regular estimation	
231	—  —	4	Prof. David Hand (Open)	Discriminant Analysis (Short Course Lecture 2)	Short Course (1st)
232	—  —	5	Dr. Simon Day (Lilly Research Centre Ltd.)	What is wrong with statistics	

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Talk	Edition	#	Speaker	Talk Title	Notes
233	—  —	6	Dr. Jonathan Tawn (Lancaster)	Areal rainfall extremes	
234	—  —	7	Dr. Rodney Wolff (Glasgow)	Parametric meets non-parametric: density estimation and chaos	
235	—  —	8	Prof. David Hand (Open)	Discriminant Analysis (Short Course Lecture 3)	Short Course (1st)
236	30th Gregynog (1994)	1	Prof. Denise Lievesley (Essex)	Non-response in survey research	
237	—  —	2	Dr. Martin Crowder (Surrey)	Repeated Measures (Short Course Lecture 1)	Short Course (2nd)
238	—  —	3	Dr. Sheila Gore (Cambridge (MRC Biostatistics))	HIV Epidemiology in Scotland	
239	—  —	4	Dr. Martin Crowder (Surrey)	Repeated Measures (Short Course Lecture 2)	Short Course (2nd)
240	—  —	5	Dr. Jack Kleijnen (Tilburg)	Sensitivity Analysis and Optimization of Simulation Experiments	
241	—  —	6	Prof. Dennis Lindley (Independent / Minehead)	The Pivotal Argument	
242	—  —	7	Mr. Martin Gibson (Jaguar Cars)	Does Industry need SPC?	
243	—  —	8	Dr. Martin Crowder (Surrey)	Repeated Measures (Short Course Lecture 3)	Short Course (2nd)
244	31st Gregynog (1995)	1	Prof. Paul Newbold (Nottingham)	Unit Autoregressive Roots and Structural Breaks (Short Course Lecture 1)	Short Course (3rd)
245	—  —	2	Prof. Henry Wynn (City)	Some Computational Geometry in Statistics	
246	—  —	3	Dr. Peter Ceuppens (Toxicol Ltd.)	Statistical Modelling in Pharmaceutical Data	
247	—  —	4	Prof. Paul Newbold (Nottingham)	Unit Autoregressive Roots and Structural Breaks (Short Course Lecture 2)	Short Course (3rd)
248	—  —	5	Prof. Barry Quinn (Goldsmiths)	Statistical Problems in the Analysis of Underwater Sound	
249	—  —	6	Prof. Frank Critchley (Birmingham)	A Look at Influence Analysis	
250	—  —	7	Prof. Richard Lockhart (Simon Fraser / Oxford)	Goodness of Fit and the Box-Cox Transformation	

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Talk	Edition	#	Speaker	Talk Title	Notes
251	—  —	8	Prof. Paul Newbold (Nottingham)	Unit Autoregressive Roots and Structural Breaks (Short Course Lecture 3)	Short Course (3rd)
252	32nd Gregynog (1996)	1	Dr. Anthony Davison (Oxford)	Bootstrap methods and their applications (Short Course Lecture 1)	Short Course (4th)
253	—  —	2	Prof. Valerie Isham (UCL)	Stochastic epidemic models: transmission of infection and development of disease	
254	—  —	3	Dr. Max Porter (Glaxo / Wellcome)	The cost of variability	
255	—  —	4	Dr. Anthony Davison (Oxford)	Bootstrap methods and their applications (Short Course Lecture 2)	Short Course (4th)
256	—  —	5	Dr. Peter Urbach (LSE)	How statistics can be bad for your health	
257	—  —	6	Prof. Ian Ford (Glasgow)	Experiences from the West of Scotland Coronary Prevention Study	
258	—  —	7	Prof. Bob Loynes (Sheffield)	Testing for normality and for change of regime in time series and regression	
259	—  —	8	Dr. Anthony Davison (Oxford)	Bootstrap methods and their applications (Short Course Lecture 3)	Short Course (4th)
260	33rd Gregynog (1997)	1	Prof. Murray Aitkin (Newcastle)	Random effect extensions of generalized linear models (Short Course Lecture 1)	Short Course (5th)
261	—  —	2	Prof. Steve Buckland (St Andrews)	Wildlife population assessment: some research issues	
262	—  —	3	Mr. John Hinde (Exeter)	Modelling with overdispersion	
263	—  —	4	Prof. Murray Aitkin (Newcastle)	Random effect extensions of generalized linear models (Short Course Lecture 2)	Short Course (5th)

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Talk	Edition	#	Speaker	Talk Title	Notes
264	—  —	5	Dr. Neil Shephard (Oxford)	Some developments in the analysis of non-Gaussian time series using MCMC methods	
265	—  —	6	Dr. Michael Cain (Salford)	Property valuation under asymmetric loss	
266	—  —	7	Prof. Angela Dean (Ohio)	Factorial cross-over designs involving few subjects	
267	—  —	8	Prof. Murray Aitkin (Newcastle)	Random effect extensions of generalized linear models (Short Course Lecture 3)	Short Course (5th)
268	34th Gregynog (1998)	1	Prof. Ray Chambers (Southampton)	Likelihood-based inference for complex survey data (Short Course Lecture 1)	Short Course (6th)
269	—  —	2	Dr. Frank Duckworth (Royal Statistical Society)	One-day cricket: a mathematical solution to a mathematical problem	
270	—  —	3	Dr. Malcolm Faddy (Queensland)	Extended Poisson process of modelling and analysis of count data	
271	—  —	4	Prof. Ray Chambers (Southampton)	Likelihood-based inference for complex survey data (Short Course Lecture 2)	Short Course (6th)
272	—  —	5	Prof. Peter Green (Bristol)	Exact sampling from a continuous state space	
273	—  —	6	Prof. Anatoly Zhigljavsky (Cardiff)	Analysis and forecasting of time series based on their principal component expansions	
274	—  —	7	Prof. Ray Chambers (Southampton)	Likelihood-based inference for complex survey data (Short Course Lecture 3)	Short Course (6th)
275	—  —	8	Prof. Gad Nathan (Hebrew)	Multilevel modelling for longitudinal analysis of complex survey data	
276	35th Gregynog (1999)	1	Prof. Gareth Roberts (Lancaster)	Introduction to MCMC (Short Course Lecture 1)	Short Course (7th)

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Talk	Edition	#	Speaker	Talk Title	Notes
277	—  —	2	Prof. Mike Campbell (Sheffield)	Methods of analysis clustered randomised controlled trials	
278	—  —	3	Prof. Ilya Molchanov (Glasgow)	How to Average a Cat and a Dog?	
279	—  —	4	Prof. Gareth Roberts (Lancaster)	Convergence Properties of the Gibbs Sampler (Short Course Lecture 2)	Short Course (7th)
280	—  —	5	Prof. David Siegmund (Stanford)	Genetic Linkage Analysis as a Change-point Problem	
281	—  —	6	Prof. Chris Jennison (Bath)	Approximate Exact Sampling: Towards the General Application of Propp and Wilson's Algorithm	
282	—  —	7	Prof. Gareth Roberts (Lancaster)	Langevin Algorithms and Reversible Jump (Short Course Lecture 3)	Short Course (7th)
283	—  —	8	Prof. Tony Lawrance (Birmingham)	Communication, Chaos and Randomness	
284	36th Gregynog (2000)	1	Prof. Adrian Bowman (Glasgow)	Smoothing Techniques for Data Analysis: The Basics (Short Course Lecture 1)	Short Course (8th)
285	—  —	2	Dr. Alan Kimber (Surrey)	Random effects modelling in survival analysis	
286	—  —	3	Prof. Nancy Flournoy (American)	New Results in Up-and-Down Designs for Quantal Response Functions	
287	—  —	4	Prof. Adrian Bowman (Glasgow)	Smoothing Techniques for Data Analysis: Issues of inference (Short Course Lecture 2)	Short Course (8th)
288	—  —	5	Dr. Caitlin Buck (Cardiff)	Modern Statistical Approaches to Archaeological Data Interpretation	
289	—  —	6	Prof. Mel Hinich (Texas)	Forecasting the Dynamics of a Linear system	
290	—  —	7	Prof. Adrian Bowman (Glasgow)	Smoothing Techniques for Data Analysis: Some harder problems (Short Course Lecture 3)	Short Course (8th)

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Talk	Edition	#	Speaker	Talk Title	Notes
291	—  —	8	Prof. Mark Steel (Edinburgh)	Bayesian Modelling of Catch in a Northwest Atlantic Fishery	
292	37th Gregynog (2001)	1	Dr. Martin Crowder (Imperial)	Competing Risk (Short Course Lecture 1)	Short Course (9th)
293	—  —	2	Prof. Neville Davies (Nottingham Trent)	Starter: The Learning and Teaching Support Network (LTSN). Main Course: How LTSN can help Statistics Learning and Teaching	
294	—  —	3	Dr. Hilde Wilkinson-Herbots (UCL)	Probability in Genetics	
295	—  —	4	Dr. Martin Crowder (Imperial)	Competing Risk (Short Course Lecture 2)	Short Course (9th)
296	—  —	5	Dr. Jane Hutton (Warwick)	Models for survival data: choice between accelerated life and proportional hazard models	
297	—  —	6	Dr. Alan Welsh (Southampton)	Examining distance sampling	
298	—  —	7	Dr. Martin Crowder (Imperial)	Competing Risk (Short Course Lecture 3)	Short Course (9th)
299	—  —	8	Prof. Stephen Senn (UCL)	Two cheers for P-values	
300	38th Gregynog (2002)	1	Prof. Harvey Goldstein (Institute of Education)	Multilevel modelling: an introduction, applications and extensions to more complex data structures (Short Course Lecture 1)	Short Course (10th)
301	—  —	2	Dr. Chris Palmer (Cambridge)	Data dependent designs in clinical trials	
302	—  —	3	Dr. Ruth King (Cambridge)	Model discrimination via trans-dimensional Markov chains	
303	—  —	4	Prof. Harvey Goldstein (Institute of Education)	Multilevel modelling (Short Course Lecture 2)	Short Course (10th)
304	—  —	5	—  —	Multilevel modelling (Short Course Lecture 3)	Short Course (10th)
305	—  —	6	Prof. Chris Jones (Open)	The skew t and other families of order statistic distributions	

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Talk	Edition	#	Speaker	Talk Title	Notes
306	—  —	7	Mr. Robert Matthews (The Sunday Telegraph (Science Correspondent))	Amazing - but is it true? Bayesian methods for assessing the credibility of new research findings	
307	—  —	8	Prof. Beth Chance (California Polytechnic State)	Using Simulation Activities of Classroom Based Research in Statistics Education	
308	39th Gregynog (2003)	1	Dr. Peter Craig (Durham)	Simulator-Assisted Forecasting and Calibration	
309	—  —	2	Mr. Martin Ridout (Kent)	Models for yeast prions	
310	—  —	3	Prof. Andy Wood (Nottingham)	Saddlepoint approximations with applications	
311	—  —	4	Prof. Ian Russell (Bangor)	What is Health Technology? What does it have to contribute to the care of back pain?	
312	—  —	5	Prof. Rodney Wolff (Queensland)	Harry Potter and the Quest for Non-linearity	
313	—  —	6	Prof. Anatoly Zhigljavsky (Cardiff)	Approximating the harmonic mean and negative moments of Poisson random variables	
314	—  —	7	Dr. John Marriott (Nottingham Trent)	Investigating trends in economic time series: a Bayesian graphical approach	
315	—  —	8	Dr. Alexander Baranovski (Dresden)	Choatic point and impulse processes and their applications	
316	—  —	9	Dr. Granville Tunnicliffe-Wilson (Lancaster)	Supercharged autoregressions	
317	40th Gregynog (2004)	1	Prof. Mark Steel (Warwick)	Non-Gaussian Bayesian Geostatistical Modelling	
318	—  —	2	Prof. Frank Dunstan (College of Medicine, Wales)	The UK Biobank study - some epidemiological and statistical issues	
319	—  —	3	Dr. Richard Boys (Newcastle)	A Bayesian approach to DNA sequence segmentation using hidden Markov models	
320	—  —	4	Mr. John Fenlon (Warwick / HRI Wellesbourne)	Topics in quantal assay	

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Talk	Edition	#	Speaker	Talk Title	Notes
321	—  —	5	Dr. Nick Fieller (Sheffield)	Using NMR images as the primary outcome measure in clinical trials	
322	—  —	6	Prof. John Gittins (Oxford)	Stochastic Models for the Planning of Pharmaceutical Research	
323	41st Gregynog (2005)	1	Prof. Russell Cheng (Southampton)	Analysis of Distributions in Simulation Factorial Experiments	
324	—  —	2	Prof. Michael Cain (Bangor)	Journal Quality and Research Ratings: Maximum Likelihood Estimation based on the results of the 2001 RAE	Jointly with Prof. Stuart McLeay (Bangor)
325	—  —	3	Dr. Anton Merlushkin (Credit Suisse First Boston)	Current problems in the modelling of interest rate derivatives	
326	—  —	4	Prof. Qiwei Yao (LSHTM)	Statistical Analysis of Canadian Mink-Muskrat Data	
327	—  —	5	Prof. Bruce Ankenman (Northwestern)	Controlled Screening for Simulation Experiments	
328	—  —	6	Prof. Simon Thompson (Cambridge (MRC Biostatistics))	Building a model to evaluate the cost-effectiveness of screening for aortic aneurysms	
329	—  —	7	Prof. David Firth (Warwick)	Working with over-parameterized models	
330	42nd Gregynog (2006)	1	Prof. Wally Gilks (Leeds)	Introduction to Bioinformatics (Short Course Lecture 1)	Short Course (11th)
331	—  —	2	Dr. Christine Currie (Southampton)	Balancing bias and variance in the optimisation of simulation models	
332	—  —	3	Prof. Wally Gilks (Leeds)	Fusing microarray data (Short Course Lecture 2)	Short Course (11th)
333	—  —	4	Prof. Mike Kenward (LSHTM)	Some practical applications, and issues, with multiple imputation	
334	—  —	5	Prof. Chris Glaseby (Bioinformatics and Statistics Scotland)	Image restoration, segmentation and warping using generalizations of dynamic programming	

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Talk	Edition	#	Speaker	Talk Title	Notes
335	—  —	6	Prof. Charles Taylor (Leeds)	Kernel methods in statistical learning	
336	—  —	7	Prof. Wally Gilks (Leeds)	A statistical approach to distance-matrix phylogenetics (Short Course Lecture 3)	Short Course (11th)
337	43rd Gregynog (2007)	1	Prof. David Hobson (Warwick)	Skorokhod embeddings with applications to finance. 1. Skorokhod embeddings: a beginners guide (Short Course Lecture 1)	Short Course (12th)
338	—  —	2	Prof. Frank Dunstan (Cardiff)	Enviromental influences on the seasonality of campylobacter infections	
339	—  —	3	Prof. David Hobson (Warwick)	Skorokhod embeddings with applications to finance. 2. Optimal Skorokhod embeddings (Short Course Lecture 2)	Short Course (12th)
340	—  —	4	Dr. Simon Shaw (Bath)	Theory and Applications of Bayes Linear Kinematics	
341	—  —	5	Dr. Vassili Kolkoltsov (Warwick)	Fractionally stable distributions, as limits for continuous time random walks, and statistical estimation of their parameters	
342	—  —	6	Prof. David Hobson (Warwick)	Skorokhod embeddings with applications to finance. 3. Skorokhod embeddings and applications to finance (Short Course Lecture 3)	Short Course (12th)
343	44th Gregynog (2008)	1	Prof. Don Fraser (Toronto)	Bayes vs. frequentist, posterior vs confidence (Short Course Lecture 1)	Short Course (13th)
344	—  —	2	—  —	Bayes vs. frequentist, posterior vs confidence (Short Course Workshop)	Short Course (13th)
345	—  —	3	Dr. Anastasia Papavasiliou (Warwick)	Parameter Estimation for Rough Differential Equations	
346	—  —	4	Dr. Peter Challenor (Southampton)	The statistics of rapid climate changes	

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Talk	Edition	#	Speaker	Talk Title	Notes
347	—  —	5	Prof. Don Fraser (Toronto)	Bayes vs. frequentist, posterior vs confidence (Short Course Lecture 2)	Short Course (13th)
348	—  —	6	Prof. Thomas Richardson (Seattle)	Modelau deuol ar gyfer annibyniaeth ymylol (Binary models for marginal independence)	
349	—  —	7	Dr. Ben Diaz (Unilever)	Unilever's Research on Recommender Systems: Leveraging Supermarket Shopping Data	
350	—  —	8	Prof. Nancy Ried (Toronto)	Asymptotics and Applications	
351	45th Gregynog (2009)	1	Dr. John Aston (Warwick)	An Introduction to Statistical Neuroimaging: Space (Short Course Lecture 1)	Short Course (14th)
352	—  —	2	—  —	An Introduction to Statistical Neuroimaging: Space (Short Course Lecture Workshop)	Short Course (14th)
353	—  —	3	Prof. Sofia Olhede (UCL)	Multiscale Inference	
354	—  —	4	Dr. John Aston (Warwick)	An Introduction to Statistical Neuroimaging: Space (Short Course Lecture 2)	Short Course (14th)
355	—  —	5	Dr. Daniel Farewell (Cardiff)	Missing Data and Generalized Estimating Equations	
356	—  —	6	Prof. Vern Farewell (Cambridge (MRC Biostatistics))	From Brownlee to Hill: The development of modern medical statistics in the UK	
357	—  —	7	Dr. Trevor Cox (Unilever)	What does the consumer thing? Some multivariate analysis techniques to find out	
358	—  —	8	Dr. John Aston (Warwick)	An Introduction to Statistical Neuroimaging: Space (Short Course Lecture 3)	Short Course (14th)
359	46th Gregynog (2010)	1	Dr. Adam Johansen (Warwick)	Sequential Monte Carlo: What, How and Some Reasons Why	

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Talk	Edition	#	Speaker	Talk Title	Notes
360	—  —	2	Prof. John Gough (Aberystwyth)	An Introduction to Quantum Probability (Short Course Lecture 1)	Short Course (15th)
361	—  —	3	Prof. John Copas (Warwick)		Substitute for Marian Scott (Glasgow)
362	—  —	4	Prof. John Gough (Aberystwyth)	An Introduction to Quantum Probability (Short Course Lecture 2)	Short Course (15th)
363	—  —	5	Prof. Jianxin Pan (Manchester)	Joint Modelling of Mean and Covariance Structures for Longitudinal Data	
364	—  —	6	Prof. Paul Harper (Cardiff)	Would you trust a 'simple doctor'?! Current topics in healthcare modelling	
365	—  —	7	Dr. Madalin Guta (Nottingham)	An Introduction to Quantum Statistics	
366	—  —	8	Prof. Jane Hutton (Warwick)		Substitute for Marian Scott (Glasgow)
367	47th Gregynog (2011)	1	Prof. Robin Henderson (Newcastle)	Prediction and explained variation in survival and event history analysis	
368	—  —	2	Dr. Kerry Dwan (Liverpool)	Assessing the risk of outcome reporting bias in systematic reviews (Short Course Lecture 1)	Jointly with Dr. Jamie Kirkham (Liverpool); Short Course (16th)
369	—  —	3	Dr. David Croydon (Warwick)	Mixing time convergence for sequences of random walks on random graphs	
370	—  —	4	Dr. Kerry Dwan (Liverpool)	Outcome reporting bias in trials (ORBIT) study (Short Course Lecture Lecture 2)	Jointly with Dr. Jamie Kirkham (Liverpool); Short Course (16th)

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Talk	Edition	#	Speaker	Talk Title	Notes
371	—  —	5	Dr. Yuzhi Cai (Plymouth)	A primer on Bayesian quantile function modelling	
372	—  —	6	Dr. Tim Davis (Warwick)	Statistical Engineering	
373	—  —	7	Dr. Jamie Kirkham (Liverpool)	Multivariate meta-analysis as a solution for outcome reporting bias (Short Course Lecture Lecture 3)	Jointly with Dr. Kerry Dwan (Liverpool); Short Course (16th)
374	—  —	8	Prof. Paul Garthwaite (Open)	Methods of analysing single-case studies	
375	48th Gregynog (2012)	1	Dr. Peter Thwaites (Leeds)	Graphical representation of asymmetric problems (Lecture)	
376	—  —	2	—  —	Graphical representation of asymmetric problems (Workshop)	
377	—  —	3	Prof. Russell Cheng (Southampton)	Optimization by Random Search: Statistical Aspects	
378	—  —	4	Prof. Marian Scott (Glasgow)	The role of Statistics in environmental science, through to policy, regulation and management	
379	—  —	5	Dr. Jacky Civil (NATS)	Modelling the risk of oceanic aircraft collisions	
380	—  —	6	Dr. Huw Llewellyn (Aberystwyth)	Probabilistic reasoning by elimination and its medical applications	
381	—  —	7	Dr. Dan Jackson (Cambridge (MRC Biostatistics))	Handling missing data in smoking cessation trials	
382	—  —	8	Dr. Martin Kolb (Warwick)	Quasi-stationary distributions for diffusion processes	
383	49th Gregynog (2013)	1	Prof. Simon French (Warwick)	Cynefin, Modelling and Statistics: The Context of Statistical Inference (Short Course Lecture 1)	Short Course (17th)
384	—  —	2	—  —	Cynefin, Modelling and Statistics: Workshop	
385	—  —	3	—  —	Cynefin, Modelling and Statistics: Exploratory Data Analysis and Problem Formulation (Short Course Lecture 2)	Short Course (17th)

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Talk	Edition	#	Speaker	Talk Title	Notes
386	—  —	4	Prof. Alan Hawkes (Swansea)	Hawkes Processes, Finance and Crime	
387	—  —	5	Dr. Sofia Massa (Oxford)	Graphical models: an overview and some interesting applications	
388	—  —	6	Dr. Elir Jones (BBC Wales)	What were you watching last night? How media audiences are estimated	
389	—  —	7	Prof. Tony O'Hagan (Sheffield)	Prior distributions and posterior inference when the model is wrong	
390	—  —	8	Prof. Simon French (Warwick)	Cynefin, Modelling and Statistics: Small worlds, States of nature and Scenarios (Short Course Lecture 3)	Short Course (17th)
391	50th Gregynog (2014)	1	Dr. Jennifer Rogers (LSHTM)	An exploration of composite endpoint and recurrent event analyses and new directions	
392	—  —	2	Dr. John Lane (Aberystwyth)	50 years of the Gregynog Statistical Conference	
393	—  —	3	Prof. Bent Jorgensen (Southern Denmark)	The Power Laws of Taylor and Fairfield Smith	
394	—  —	4	Prof. Chenlei Leng (Warwick)	Modelling Covariances for Longitudinal Data	
395	—  —	5	Dr. Joe Hill (Lloyds Banking Group)	Dealing with missing outcomes when building credit risk scorecards	
396	—  —	6	Prof. Russell Cheng (Southampton)	The Use of Massively Parallel Processors in Simulation and Statistical Analysis	
397	—  —	7	Dr. Rebecca Killick (Lancaster)	Locally stationary models meet forecasting	
398	—  —	8	Prof. John Copas (Warwick)	Correcting for outcome reporting bias in meta-analysis	
399	51st Gregynog (2015)	1	Prof. Idris Eckley (Lancaster)	Locally stationary time series methods: making sense of sensor data (Short Course Lecture 1)	Short Course (18th)

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Talk	Edition	#	Speaker	Talk Title	Notes
400	—  —	2	Prof. Philip Protter (Columbia)	Liquidity theory and high frequency trading (Short Course Lecture 1)	Short Course (19th)
401	—  —	3	Dr. Ioannis Kosmidis (UCL)	Bias in parametric estimation: reduction and useful side-effects	
402	—  —	4	Dr. Tim Park (Lancaster / Shell UK)	Locally stationary time series methods: making sense of sensor data (Short Course Lecture 2)	Jointly with Prof. Idris Eckley (Lancaster); Short Course (18th)
403	—  —	5	Prof. Philip Protter (Columbia)	Liquidity theory and high frequency trading (Short Course Lecture 2)	Short Course (19th)
404	—  —	6	Prof. Idris Eckley (Lancaster)	Locally stationary time series methods: making sense of sensor data (Workshop)	Jointly with Dr. Tim Park (Lancaster / Shell UK); Short Course (18th) Workshop
405	—  —	7	Dr. Kim Kenobi (Aberystwyth)	Characterising difference in root system architecture of low versus high Nitrogen uptake efficiency wheat plants	
406	—  —	8	Dr. Maggie Chen (Swansea)	Flash Crashes, Jumps and Running Jumps: A New Method of Jump Detection	
407	—  —	9	Dr. Gareth Peters (UCL)	Asymptotic Approximations and Monte Carlo Approximations for Risk and Insurance	
408	—  —	10	Prof. Philip Protter (Columbia)	Liquidity theory and high frequency trading (Short Course Lecture 3)	Short Course (19th)
409	—  —	11	Prof. Idris Eckley (Lancaster)	Locally stationary time series methods: making sense of sensor data (Short Course Lecture 3)	Short Course (18th)

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Talk	Edition	#	Speaker	Talk Title	Notes
410	—  —	12	Dr. Paul Jenkins (Warwick)	Statistical and computational challenges from genomic data	
411	52nd Gregynog (2016)	1	Dr. Theo Kypriaos (Nottingham)	Recent Developments in Bayesian Non-Parametric Inference for Epidemic Models	
412	—  —	2	Dr. Deidre Hollingsworth (Warwick)	Providing useful insights when working on a neglected tropical disease	
413	—  —	3	Mrs. Mary Oldham (Gregynog)	The Gregynog library and printing press	Gregynog
414	—  —	4	Prof. David Colquhoun (UCL)	The misinterpretation of p values and the reproducibility of science: why havent statisticians told us?	
415	—  —	5	Dr. Simon Spencer (Warwick)	Bayesian inference and model selection for stochastic epidemics (with special attention to Escherichia coli O157:H7 in cattle)	
416	—  —	6	Dr. Andrew Golightly (Newcastle)	Building bridges: Improved bridge constructs for stochastic differential equations	
417	—  —	7	Prof. Tom Nichols (Warwick)	Meta-Analysis: Review and new developments in neuroimaging	Short Course (20th)
418	—  —	8	Dr. Andreas Artemiou (Cardiff)	Sufficient Dimension Reduction in Regression	
419	—  —	9	Prof. Ruth King (Edinburgh)	Incorporating memory into capture-recapture models using a first-order hidden Markov model(!)	
420	—  —	10	Dr. Chris Jewell (Lancaster)	Forecasting for outbreaks of vector-borne diseases: a data assimilation approach	
421	—  —	11	Prof. Tom Nichols (Warwick)	High- and low-tech solutions for multiple testing in large scale inference	Short Course (20th)