

Historical Gregynog Statistical Conferences

1 Speakers by institution

Talk	Institution	Speaker	Edition	#	Talk Title	Notes
1	Aberdeen	Dr. Paul Garthwaite	27th Gregynog (1991)	7	Analysis of near infra-red reflectance data	
2	Aberystwyth	Dr. Alan Durrant	2nd Gregynog (1966)	3	Analysis of Genetic Variation	See 'Research notes'
3	— —	Prof. Alun Davies	5th Gregynog (1969)	8	The structure and the charter of the University of Wales	
4	— —	Mr. P.W. Jones	8th Gregynog (1972)	7	Sequential estimation in binomial populations	
5	— —	Prof. O.L. Davies	12th Gregynog (1976)	5		
6	— —	Prof. J.M. Dickey	13th Gregynog (1977)	5	Coherent Consensus Precedes Certainty	
7	— —	Prof. John Gough	46th Gregynog (2010)	2	An Introduction to Quantum Probability (Short Course Lecture 1)	Short Course (15th)
8	— —	— —	— —	4	An Introduction to Quantum Probability (Short Course Lecture 2)	Short Course (15th)
9	— —	Dr. Huw Llewellyn	48th Gregynog (2012)	6	Probabilistic reasoning by elimination and its medical applications	
10	— —	Dr. John Lane	50th Gregynog (2014)	2	50 years of the Gregynog Statistical Conference	
11	— —	Dr. Kim Kenobi	51st Gregynog (2015)	7	Characterising difference in root system architecture of low versus high Nitrogen uptake efficiency wheat plants	
12	Alan Turing Institute	Dr. Mark Briers	54th Gregynog (2018)	6	Statistical Challenges in Cyber Security	
13	American	Prof. Nancy Flournoy	36th Gregynog (2000)	3	New Results in Up-and-Down Designs for Quantal Response Functions	

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Talk	Institution	Speaker	Edition	#	Talk Title	Notes
14	Arizona / Cambridge	Prof. M.F. Driscoll	14th Gregynog (1978)	2	A survey of Multiple Linear Regression (A Tourist's Guide to Ordinary and Biased Least-Squares)	
15	Australian National University / Oxford	Dr. D.J. Daley	17th Gregynog (1981)	9		
16	Bangor	Prof. Ian Russell	39th Gregynog (2003)	4	What is Health Technology? What does it have to contribute to the care of back pain?	
17	— —	Prof. Michael Cain	41st Gregynog (2005)	2	Journal Quality and Research Ratings: Maximum Likelihood Estimation based on the results of the 2001 RAE	Jointly with Prof. Stuart McLeay (Bangor)
18	Bath	Dr. Chris Jones	23rd Gregynog (1987)	7	On the Robustness of Shrinkage Prediction in Regression	
19	— —	Dr. Alun Thomas	24th Gregynog (1988)	2	An Algorithm for Drawing Pedigrees	
20	— —	Prof. Chris Jennison	35th Gregynog (1999)	6	Approximate Exact Sampling: Towards the General Application of Propp and Wilson's Algorithm	
21	— —	Dr. Simon Shaw	43rd Gregynog (2007)	4	Theory and Applications of Bayes Linear Kinematics	
22	BBC Wales	Dr. Elir Jones	49th Gregynog (2013)	6	What were you watching last night? How media audiences are estimated	
23	Berkeley	Dr. Peter Bickel	2nd Gregynog (1966)	5	Asymptotic Theory of Bayes Solutions	See 'Research notes'
24	Berkeley / Imperial	Prof. Peter Bickel	11th Gregynog (1975)	4	Using Residuals Robustly	
25	Berkeley / Warwick	Prof. Robert Oliver	22nd Gregynog (1986)	1	A Model to Predict Logistic Growth and Market Saturation	
26	Bioinformatics and Statistics Scotland	Prof. Chris Glaseby	42nd Gregynog (2006)	5	Image restoration, segmentation and warping using generalizations of dynamic programming	
27	Birkbeck / Imperial	Prof. David Cox	2nd Gregynog (1966)	1	Analysis of Qualitative Data	See 'Research notes'
28	Birmingham	Prof. Henry Daniels	1st Gregynog (1965)	3	Stock Market Problem	See 'Research notes'

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Talk	Institution	Speaker	Edition	#	Talk Title	Notes
29	— —	Dr. Frank Downton	— —	4	Order Statistics	See 'Research notes'
30	— —	Prof. S. Vajda	5th Gregynog (1969)	7	Stochastic programming	
31	— —	Dr. V.D. Barnett	6th Gregynog (1970)	7	calibration and Accuracy - a problem in linear structural relationships	
32	— —	Prof. H.A.D. Miles	7th Gregynog (1971)	4	British patrons of the Impressionists	
33	— —	Prof. F. Downton	— —	7	Applications of the Blackwell-Rao theorem	
34	— —	Dr. D. Wishart	8th Gregynog (1972)	6	Stochastic Dynamical Systems	
35	— —	Dr. M. Faddy	9th Gregynog (1973)	1	Diffusion Models and Dam Control Problems	
36	— —	Prof. Henry Daniels	— —	6	Musical Interlude	Musical Interlude (1st)
37	— —	— —	10th Gregynog (1974)	6	Musical Interlude	Musical Interlude (2nd; Jointly with Mr. Alan Girling (Birmingham))
38	— —	— —	14th Gregynog (1978)	4	Saddlepoint and Related Approximations in Statistics	
39	— —	Prof. John Copas	18th Gregynog (1982)	7	Models, data dependence and prediction	
40	— —	— —	26th Gregynog (1990)	5	Regression and sample selectivity	
41	— —	Prof. Frank Critchley	31st Gregynog (1995)	6	A Look at Influence Analysis	
42	— —	Prof. Tony Lawrance	35th Gregynog (1999)	8	Communication, Chaos and Randomness	
43	Bowling Green State / Sheffield	Prof. Eugene Lukacs	10th Gregynog (1974)	5	Stability Theorems	
44	Bristol	Prof. Peter Green	34th Gregynog (1998)	5	Exact sampling from a continuous state space	
45	— —	Dr. Patrick Rubin-Delanchy	54th Gregynog (2018)	7	Mathematical progress on the connection between spectral embedding and network models used by the probability, statistics and machine-learning communities	

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Talk	Institution	Speaker	Edition	#	Talk Title	Notes
46	British Steel Corporation	Mr. A.A. Greenfield	12th Gregynog (1976)	2	Algorithms for Experimental Design	
47	Business Statistics Office, Newport	Mrs. M.F. Haworth	17th Gregynog (1981)	8	Large Scale Business Surveys	
48	California	Prof. David Blackwell	10th Gregynog (1974)	1	Gambling with Variance	
49	California / Bath	Prof. John Rice	24th Gregynog (1988)	5	Stochastic Problems in the Analysis of Tonic Currents across Cell Membranes	
50	California / Cambridge	Prof. M. Rosenblatt	15th Gregynog (1979)	4	Linear processes and bispectra	
51	California Polytechnic State	Prof. Beth Chance	38th Gregynog (2002)	8	Using Simulation Activities of Classroom Based Research in Statistics Education	
52	Cambridge	Dr. John Aitchison	1st Gregynog (1965)	1	Prediction	See 'Research notes'
53	— —	Prof. Peter Whittle	6th Gregynog (1970)	1	A sequential approach to Information and Search theory	
54	— —	Dr. David Banks	23rd Gregynog (1987)	5	Improving the Bayesian Boot-strap	
55	— —	Dr. Chris Palmer	38th Gregynog (2002)	2	Data dependent designs in clinical trials	
56	— —	Dr. Ruth King	— —	3	Model discrimination via trans-dimensional Markov chains	
57	Cambridge (MRC Biostatistics)	Dr. David Spiegelhalter	25th Gregynog (1989)	5	Statistical Aspects of Medical Expert Systems	
58	— —	Dr. Sheila Gore	30th Gregynog (1994)	3	HIV Epidemiology in Scotland	
59	— —	Prof. Simon Thompson	41st Gregynog (2005)	6	Building a model to evaluate the cost-effectiveness of screening for aortic aneurysms	

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Talk	Institution	Speaker	Edition	#	Talk Title	Notes
60	— —	Prof. Vern Farewell	45th Gregynog (2009)	6	From Brownlee to Hill: The development of modern medical statistics in the UK	
61	— —	Dr. Dan Jackson	48th Gregynog (2012)	7	Handling missing data in smoking cessation trials	
62	Cambridge (Statslab)	Prof. David Kendall	3rd Gregynog (1967)	4	Exchangeable Events	
63	— —	Prof. Ingram Olkin	4th Gregynog (1968)	2	Testing and estimation for a Circular Stationary Model	
64	Canterbury, New Zealand	Dr. L.R. Foulds	18th Gregynog (1982)	3	Minimal phylogenetic trees from protein sequence data	
65	Cardiff	Prof. K.W. Kemp	12th Gregynog (1976)	7	Reality and Theory	
66	— —	Dr. Russell Cheng	29th Gregynog (1993)	3	Embedded models in non regular estimation	
67	— —	Prof. Anatoly Zhigljavsky	34th Gregynog (1998)	6	Analysis and forecasting of time series based on their principal component expansions	
68	— —	Dr. Caitlin Buck	36th Gregynog (2000)	5	Modern Statistical Approaches to Archaeological Data Interpretation	
69	— —	Prof. Anatoly Zhigljavsky	39th Gregynog (2003)	6	Approximating the harmonic mean and negative moments of Poisson random variables	
70	— —	Prof. Frank Dunstan	43rd Gregynog (2007)	2	Environmental influences on the seasonality of campylobacter infections	
71	— —	Dr. Daniel Farewell	45th Gregynog (2009)	5	Missing Data and Generalized Estimating Equations	
72	— —	Prof. Paul Harper	46th Gregynog (2010)	6	Would you trust a 'simple doctor'?! Current topics in healthcare modelling	
73	— —	Dr. Andreas Artemiou	52nd Gregynog (2016)	8	Sufficient Dimension Reduction in Regression	
74	— —	Prof. Owen Jones	54th Gregynog (2018)	1	Stochastic Gradient Methods (Short Course Lecture 1)	
75	— —	— —	— —	4	Cross-entropy (Short Course Lecture 2)	

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Talk	Institution	Speaker	Edition	#	Talk Title	Notes
76	— —	— —	— —	8	Simulation Based Estimation (Short Course Lecture 3)	
77	Carlton / Waterloo / Agriculture Canada / Rothamsted	Prof. L.P. Lefkovitch	15th Gregynog (1979)	8	Mathematical Programming and clustering: covering weighted graphs	
78	Chicago	Prof. Paul Meier	3rd Gregynog (1967)	2	Estimation from Incomplete Observations	See 'Research notes'
79	Chicago / Cam- bridge	Prof. Patrick Billingsley	8th Gregynog (1972)	1	Weak convergence of stochastic processes	
80	Chicago / Lancaster	Prof. R.D. Bock	16th Gregynog (1980)	5	Fitting individual human growth curves	
81	City	Prof. Henry Wynn	31st Gregynog (1995)	2	Some Computational Geometry in Statistics	
82	College of Medicine, Wales	Prof. Frank Dunstan	40th Gregynog (2004)	2	The UK Biobank study - some epidemiological and statistical issues	
83	Colorado / Sussex	Prof. Sid Resnick	22nd Gregynog (1986)	8	Records from Improving Populations	
84	Columbia	Prof. Philip Protter	51st Gregynog (2015)	2	Liquidity theory and high frequency trading (Short Course Lecture 1)	Short Course (19th)
85	— —	— —	— —	5	Liquidity theory and high frequency trading (Short Course Lecture 2)	Short Course (19th)
86	— —	— —	— —	10	Liquidity theory and high frequency trading (Short Course Lecture 3)	Short Course (19th)
87	Copenhagen	Dr. H. Brøns	3rd Gregynog (1967)	5	On the Geometry of the Normal Distribution	See 'Research notes'
88	Copenhagen / Impe- rial	Prof. S. Johansen	8th Gregynog (1972)	3	An item analysis model for pairwise comparisons	
89	— —	Dr. Martin Jacobsen	26th Gregynog (1990)	6	Existence and uniqueness of MLE's in discrete exponential families	

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Talk	Institution	Speaker	Edition	#	Talk Title	Notes
90	Cornell	Dr. Larry Brown	1st Gregynog (1965)	2	Admissable Estimators of Location Parameters	See 'Research notes'
91	— —	Prof. Robert Bechhoffer	3rd Gregynog (1967)	7	Procedures for Ranking Normal Means	
92	Credit Suisse First Boston	Dr. Anton Merlushkin	41st Gregynog (2005)	3	Current problems in the modelling of interest rate derivatives	
93	CSIRO Canberra / Imperial	Dr. C.C. Heyde	15th Gregynog (1979)	7	Asymptotic posterior normality for stochastic processes with an application to the assessment of epidemics	
94	Dartmouth / Cam- bridge	Prof. J.L. Snell	17th Gregynog (1981)	1	Random Waks and Electric Networks	
95	Dresden	Dr. Alexander Baranovski	39th Gregynog (2003)	8	Choatic point and impulse processes and their applications	See 'Research notes'
96	Dublin	Dr. W.J. Zimmer	5th Gregynog (1969)	1	Minimax Estimation	
97	Durham	Dr. M. Stone	3rd Gregynog (1967)	6	Probabilities of Large Deviations of the Two-Sample Wilcoxon Statistic	
98	— —	Dr. Allan Seheult	24th Gregynog (1988)	7	Experimental Design in Off-line Quality Control	
99	— —	Dr. Peter Craig	39th Gregynog (2003)	1	Simulator-Assisted Forecasting and Calibration	
100	— —	Dr. Louis Aslett	54th Gregynog (2018)	2	Cryptography and Statistics: a short introduction (Short Course Lecture 1)	
101	— —	— —	— —	3	Cryptography and Statistics: a short introduction (Short Course Lecture 2)	
102	— —	— —	— —	9	Cryptography and Statistics: a short introduction (Short Course Lecture 3)	
103	Edinburgh	Prof. D.J. Finney	7th Gregynog (1971)	5	The Computer and experimental design	
104	— —	Mr. P.R. Fisk	19th Gregynog (1983)	5	Controlled Selection	

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Talk	Institution	Speaker	Edition	#	Talk Title	Notes
105	— —	Dr. Jake Ansell	28th Gregynog (1992)	4	Dependency in reliability	
106	— —	Prof. Mark Steel	36th Gregynog (2000)	8	Bayesian Modelling of Catch in a Northwest Atlantic Fishery	
107	— —	Prof. Ruth King	52nd Gregynog (2016)	9	Incorporating memory into capture-recapture models using a first-order hidden Markov model(!)	
108	— —	Dr. Ioannis Papastathopoulos	53rd Gregynog (2017)	9	Modelling Clusters of Extreme Values	
109	Essex	Prof. George Barnard	4th Gregynog (1968)	6	Statistical Inference in High Energy Physics	
110	— —	Prof. G.C. Tiao	7th Gregynog (1971)	8	Analysis of Seasonal Data	
111	— —	Prof. Denise Lievesley	30th Gregynog (1994)	1	Non-response in survey research	
112	ETH Zurich	Prof. Paul Embrechts	53rd Gregynog (2017)	2	Topics in Quantitative Risk Management (Short Course Lecture 1)	Short Course (22nd)
113	— —	— —	— —	5	— —	— —
114	— —	— —	— —	8	— —	— —
115	Exeter	Mr. John Hinde	33rd Gregynog (1997)	3	Modelling with overdispersion	
116	Florida	Prof. A. Agresti	18th Gregynog (1982)	1	A survey of strategies for modelling cross-classifications having ordinal variables	
117	Florida / Birkbeck	Dr. J.A. Cornell	9th Gregynog (1973)	4	Designs and Models for Mixture Experiments	
118	Florida / Rothamsted	Prof. R.A. Bradley	15th Gregynog (1979)	2	A method of paired comparisons	
119	Florida / Sheffield	Prof. Frederick Leysieffer	10th Gregynog (1974)	8	Infinite Markovian Particle Systems and Applications	

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Talk	Institution	Speaker	Edition	#	Talk Title	Notes
120	Flour Milling and Baking Research Association	Dr. Tom Fearn	21st Gregynog (1985)	2	Analysis of Some Growth Data on Rats	
121	Fred Hutchison Cancer Centre, Seattle	Dr. V.T. Farewell	20th Gregynog (1984)	2	Some Statistical Methodology for the Analysis of Genetic Data from the HLA System	
122	Free University of Brussels	Prof. Guy Latouche	21st Gregynog (1985)	4	Some Effects of Correlations on the Behaviour of Queues	
123	GEC Research	Dr. Nick Logothetis	24th Gregynog (1988)	6	Radical Changes that Make Sense: The Need for the "Taguchi-method"	
124	Glasgow	Prof. S.D. Silvey	5th Gregynog (1969)	3	An analysis of multicollinearity	
125	— —	Dr. Rodney Wolff	29th Gregynog (1993)	7	Parametric meets non-parametric: density estimation and chaos	
126	— —	Prof. Ian Ford	32nd Gregynog (1996)	6	Experiences from the West of Scotland Coronary Prevention Study	
127	— —	Prof. Ilya Molchanov	35th Gregynog (1999)	3	How to Average a Cat and a Dog?	
128	— —	Prof. Adrian Bowman	36th Gregynog (2000)	1	Smoothing Techniques for Data Analysis: The Basics (Short Course Lecture 1)	Short Course (8th)
129	— —	— —	— —	4	Smoothing Techniques for Data Analysis: Issues of inference (Short Course Lecture 2)	Short Course (8th)
130	— —	— —	— —	7	Smoothing Techniques for Data Analysis: Some harder problems (Short Course Lecture 3)	Short Course (8th)
131	— —	Prof. Marian Scott	48th Gregynog (2012)	4	The role of Statistics in environmental science, through to policy, regulation and management	

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Talk	Institution	Speaker	Edition	#	Talk Title	Notes
132	Glaxo / Wellcome	Dr. Max Porter	32nd Gregynog (1996)	3	The cost of variability	
133	Goldsmiths	Prof. Barry Quinn	31st Gregynog (1995)	5	Statistical Problems in the Analysis of Underwater Sound	
134	Gothenburg	Prof. P. Jagers	11th Gregynog (1975)	8	Branching Models for Cell Proliferation	
135	Gregynog	The Warden	4th Gregynog (1968)	8	18th Century Son et Lumiere	Gregynog Warden
136	— —	Mr. B.S. Johnson	6th Gregynog (1970)	8	Novels and Films	Gregynog Arts Fellow (1st)
137	— —	Dr. Osian Ellis	8th Gregynog (1972)	4		Gregynog Arts Fellow (2nd)
138	— —	Mr. K.M. Griffiths	9th Gregynog (1973)	2	Film-making	Gregynog Arts Fellow (3rd)
139	— —	Mr. Tony Harrison	10th Gregynog (1974)	3	Poet, discussing own work	Gregynog Arts Fellow (4th)
140	— —	Mr. Emyr Humphreys	11th Gregynog (1975)	3	The Storyteller and the Mass Media	Gregynog Arts Fellow (5th)
141	— —	Mr. Jack Crabtree	12th Gregynog (1976)	3	Making a Pictorial Record of the changing face of the Coalfields	Gregynog Arts Fellow (6th)
142	— —	Mr. Barrie Cook	14th Gregynog (1978)	3	The Nature of Creativity	Gregynog Arts Fellow (7th)
143	— —	Mr. Graham Whettam	15th Gregynog (1979)	5	Talk about his work, including a performance by Geraldine Allen (clarinet) and the composer	Gregynog Arts Fellow (8th)
144	— —	Mr. P. Reddick	16th Gregynog (1980)	3	An eye opener - an audio-visual presentation of slides and music using two projectors	Gregynog Arts Fellow (9th)
145	— —	Mr. Ian Grainger	17th Gregynog (1981)	3	Talk about his painting and printmaking	Gregynog Arts Fellow (10th)
146	— —	Mr. Jonah Jones	18th Gregynog (1982)	6	Talk about his work as a sculptor, writer and film maker	Gregynog Arts Fellow (11th)
147	— —	Mr. John Metcalf	20th Gregynog (1984)	6	Composer	Gregynog Arts Fellow (12th)
148	— —	Ms. Clare Morgan	21st Gregynog (1985)	3	Novelist	Gregynog Arts Fellow (13th)
149	— —	Mrs. Mary Oldham	52nd Gregynog (2016)	3	The Gregynog library and printing press	Gregynog
150	Harvard / Amsterdam	Prof. Tom Louis	22nd Gregynog (1986)	2	Bootstrapping Empirical Bayes Estimates	

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Talk	Institution	Speaker	Edition	#	Talk Title	Notes
151	Harvard / Cambridge	Prof. J.E. Cohen	11th Gregynog (1975)	6	Ergodic Theorems of Demography	
152	Hebrew	Prof. Gad Nathan	34th Gregynog (1998)	8	Multilevel modelling for longitudinal analysis of complex survey data	
153	Home Office	Mr. Ian Evett	23rd Gregynog (1987)	4	Forensic Science and Bayesian Inference	
154	Hoskyne Corporate Studies Ltd.	Mr. A. Muir	7th Gregynog (1971)	6	Science and the business of management	
155	Hungarian Academy of Sciences	Dr. D. Szasz	12th Gregynog (1976)	6	Renewal Theory and Multicomponent Reliability Systems	
156	Ibaraki / Imperial	Prof. M. Mori	15th Gregynog (1979)	3	Two formulae for M/G/c	
157	ICI	Mr. Jeff Harrison	2nd Gregynog (1966)	6	Short-Term Sales Forecasting	See 'Research notes'
158	— —	Mr. J.A. Lewis	20th Gregynog (1984)	7	Clinical Trials: Statistical Developments of Practical Benefit to the Pharmaceutical Industry	
159	ICI (Dyestuffs)	Mr. J.D. Chamberlain	7th Gregynog (1971)	3	The control of visible speck in nylon polymer	
160	ICI (Management)	Dr. Robin Davies	6th Gregynog (1970)	6	The use of conditional entropy measures for analysing structure-activity relationships in biological data	
161	ICI (Mond)	Dr. A. Baines	5th Gregynog (1969)	4	Some statistical technique problems of industrial statisticians	
162	— —	Dr. G. Paddle	6th Gregynog (1970)	4	The cash value of experimental design	
163	ICI (Pharmaceuticals)	Mr. Andrew Grieve	28th Gregynog (1992)	7	Measuring your posterior beliefs that you can count properly	
164	ICI (Seeds)	Dr. Derek Pike	27th Gregynog (1991)	2	The role of the statistician in biotechnological research	
165	Illinois / Imperial	Prof. R.A. Wijsman	16th Gregynog (1980)	4	Sequential confidence sets	

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Talk	Institution	Speaker	Edition	#	Talk Title	Notes
166	Imperial	Dr. Milton Sobel	4th Gregynog (1968)	5	Fixed Subset-Size vs. Random Subset-Size Procedures in Selection Problems	
167	— —	Dr. Peter Lewis	6th Gregynog (1970)	2	Analysis of cyclic time-trends in series of events	
168	— —	Prof. R. Pyke	7th Gregynog (1971)	1	Empirical processes - a survey	
169	— —	Dr. Agnes Herzberg	21st Gregynog (1985)	6	Inter-block and Intra-block Analysis and Nearest Neighbour Balance in the Design of Experiments	
170	— —	Dr. Martin Crowder	37th Gregynog (2001)	1	Competing Risk (Short Course Lecture 1)	Short Course (9th)
171	— —	— —	— —	4	Competing Risk (Short Course Lecture 2)	Short Course (9th)
172	— —	— —	— —	7	Competing Risk (Short Course Lecture 3)	Short Course (9th)
173	Imperial / UBC	Dr. Nancy Reid	16th Gregynog (1980)	8	Robust estimation for censored data	
174	Independent	Dr. A.F. Bissell	11th Gregynog (1975)	5	The Jackknife: A Practical Appraisal Using Data from Two Industrial Experiments	
175	— —	— —	19th Gregynog (1983)	1	Statistical Packages of Another Kind	
176	— —	Prof. Dennis Lindley	20th Gregynog (1984)	3	A Bayesian Lady Tasting Tea	See 'Research notes'
177	— —	Prof. George Barnard	— —	5	What is Good and What is Bad about the Bayesian Approach to Statistical Inference	See 'Research notes'
178	Independent / Minehead	Prof. Dennis Lindley	30th Gregynog (1994)	6	The Pivotal Argument	
179	Institute of Education	Prof. Harvey Goldstein	38th Gregynog (2002)	1	Multilevel modelling: an introduction, applications and extensions to more complex data structures (Short Course Lecture 1)	Short Course (10th)
180	— —	— —	— —	4	Multilevel modelling (Short Course Lecture 2)	Short Course (10th)
181	— —	— —	— —	5	Multilevel modelling (Short Course Lecture 3)	Short Course (10th)

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Talk	Institution	Speaker	Edition	#	Talk Title	Notes
182	Institute of Hydrology, Wallingford	Mr. Max Beran	13th Gregynog (1977)	1	Some Statistical Applications in Hydrology	
183	IT Consultant	Mr. Richard Forsyth	21st Gregynog (1985)	5	Inside the Inference Engine - Approximate Reasoning Systems	
184	Jaguar Cars	Mr. Martin Gibson	30th Gregynog (1994)	7	Does Industry need SPC?	
185	John Hopkins	Prof. James Coleman	3rd Gregynog (1967)	1	Two Alternative Methods for Attitude Change	See 'Research notes'
186	Kent	Prof. D.J. Bartholomew	5th Gregynog (1969)	2	Stochastic models for manpower systems	
187	— —	Prof. Howell Tong	22nd Gregynog (1986)	4	Thresholds, Stability, Hong Kong	
188	— —	Prof. Byron Morgan	27th Gregynog (1991)	8	Cluster analysis - the ultimate stopping rule	
189	— —	Mr. Martin Ridout	39th Gregynog (2003)	2	Models for yeast prions	
190	Lancaster	Prof. M. Aitkin	14th Gregynog (1978)	5	The Fitting of Exponential and Weibull Models to Complex Survival Data with Covariates and Censoring using GLIM	
191	— —	Dr. Jonathan Tawn	29th Gregynog (1993)	6	Areal rainfall extremes	
192	— —	Prof. Gareth Roberts	35th Gregynog (1999)	1	Introduction to MCMC (Short Course Lecture 1)	Short Course (7th)
193	— —	— —	— —	4	Convergence Properties of the Gibbs Sampler (Short Course Lecture 2)	Short Course (7th)
194	— —	— —	— —	7	Langevin Algorithms and Reversible Jump (Short Course Lecture 3)	Short Course (7th)
195	— —	Dr. Granville Tunnicliffe-Wilson	39th Gregynog (2003)	9	Supercharged autoregressions	
196	— —	Dr. Rebecca Killick	50th Gregynog (2014)	7	Locally stationary models meet forecasting	

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Talk	Institution	Speaker	Edition	#	Talk Title	Notes
197	— —	Prof. Idris Eckley	51st Gregynog (2015)	1	Locally stationary time series methods: making sense of sensor data (Short Course Lecture 1)	Short Course (18th)
198	— —	— —	— —	6	Locally stationary time series methods: making sense of sensor data (Workshop)	Jointly with Dr. Tim Park (Lancaster / Shell UK); Short Course (18th) Workshop
199	— —	— —	— —	11	Locally stationary time series methods: making sense of sensor data (Short Course Lecture 3)	Short Course (18th)
200	— —	Dr. Chris Jewell	52nd Gregynog (2016)	10	Forecasting for outbreaks of vector-borne diseases: a data assimilation approach	
201	— —	Prof. Jonathan Tawn	53rd Gregynog (2017)	1	Extreme Value Methods and their Applications	Short Course (21st)
202	— —	— —	— —	4	— —	— —
203	— —	Dr. Jenny Wadsworth	— —	6	Non-limiting spatial extremes	
204	— —	Prof. Jonathan Tawn	— —	7	Extreme Value Methods and their Applications	Short Course (21st)
205	Lancaster / Michigan	Prof. Bruce Hill	5th Gregynog (1969)	6	Bayes theorem for sampling from a population	
206	Lancaster / Shell UK	Dr. Tim Park	51st Gregynog (2015)	4	Locally stationary time series methods: making sense of sensor data (Short Course Lecture 2)	Jointly with Prof. Idris Eckley (Lancaster); Short Course (18th)
207	Leeds	Prof. B.L. Welch	2nd Gregynog (1966)	4	Comparisons between Confidence Point Procedures	See 'Research notes'
208	— —	Ms. Denise Howel	22nd Gregynog (1986)	3	A Monte Carlo Test for the Random Arrangement of Muscle Fibres	
209	— —	Prof. John Kent	27th Gregynog (1991)	6	Transmission tomography and the EM algorithm	
210	— —	Prof. Wally Gilks	42nd Gregynog (2006)	1	Introduction to Bioinformatics (Short Course Lecture 1)	Short Course (11th)
211	— —	— —	— —	3	Fusing microarray data (Short Course Lecture 2)	Short Course (11th)

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Talk	Institution	Speaker	Edition	#	Talk Title	Notes
212	— —	Prof. Charles Taylor	— —	6	Kernel methods in statistical learning	
213	— —	Prof. Wally Gilks	— —	7	A statistical approach to distance-matrix phylogenetics (Short Course Lecture 3)	Short Course (11th)
214	— —	Dr. Peter Thwaites	48th Gregynog (2012)	1	Graphical representation of asymmetric problems (Lecture)	
215	— —	— —	— —	2	Graphical representation of asymmetric problems (Workshop)	
216	Leicester	Prof. P.R. Freeman	15th Gregynog (1979)	6	A review of the secretary problem	
217	Leuven / Statslab, Cambridge	Prof. J.L. Teugals	13th Gregynog (1977)	7	A Survey of Regular Variation in Probability Theory	
218	Lilly Research Centre Ltd.	Dr. Simon Day	29th Gregynog (1993)	5	What is wrong with statistics	
219	Liverpool	Prof. M.R. Sampford	6th Gregynog (1970)	5	Inferences about finite populations from unequal probability samples	
220	— —	Prof. Phil Brown	23rd Gregynog (1987)	3	Prediction Diagnostics for Calibration	
221	— —	Dr. Kerry Dwan	47th Gregynog (2011)	2	Assessing the risk of outcome reporting bias in systematic reviews (Short Course Lecture 1)	Jointly with Dr. Jamie Kirkham (Liverpool); Short Course (16th)
222	— —	— —	— —	4	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	Institution	Speaker	Edition	#	Talk Title	Notes
223	— —	Dr. Jamie Kirkham	— —	7	Multivariate meta-analysis as a solution for outcome reporting bias (Short Course Lecture Lecture 3)	Jointly with Dr. Kerry Dwan (Liverpool); Short Course (16th)
224	Lloyds Banking Group	Dr. Joe Hill	50th Gregynog (2014)	5	Dealing with missing outcomes when building credit risk scorecards	
225	LSE	Prof. J. Durbin	5th Gregynog (1969)	5	Uses of Kolmogorov-Smirnov Statistics	
226	— —	Prof. Andrew Harvey	23rd Gregynog (1987)	2	Multivariate Time Series and Control Groups: An Application to the UK Seat Belt Law	
227	— —	Dr. Peter Urbach	32nd Gregynog (1996)	5	How statistics can be bad for your health	
228	LSHTM	Prof. H.O. Lancaster	6th Gregynog (1970)	3	Interactions of higher orders in statistical distributions	
229	— —	Prof. Qiwei Yao	41st Gregynog (2005)	4	Statistical Analysis of Canadian Mink-Muskrat Data	
230	— —	Prof. Mike Kenward	42nd Gregynog (2006)	4	Some practical applications, and issues, with multiple imputation	
231	— —	Dr. Jennifer Rogers	50th Gregynog (2014)	1	An exploration of composite endpoint and recurrent event analyses and new directions	
232	Manchester	Dr. John Bather	2nd Gregynog (1966)	8	Continuous Control of a Simple Inventory on Dam	
233	— —	Dr. Lyn Thomas	21st Gregynog (1985)	1	Making the Most of Uncertainty - Applications of Markov Decision Processes	
234	— —	Prof. Jianxin Pan	46th Gregynog (2010)	5	Joint Modelling of Mean and Covariance Structures for Longitudinal Data	
235	Manitoba	Dr. B. Johnston	20th Gregynog (1984)	4	The Prediction of Outcome for the Comatose Children: A Consulting Problem	

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Talk	Institution	Speaker	Edition	#	Talk Title	Notes
236	Manitoba / UCL	Dr. B. Johnston	13th Gregynog (1977)	3	A Consulting Problem Involving Partitions of Latin Squares	
237	McGill	Prof. George Styan	27th Gregynog (1991)	1	Around a formula for the rank of a matrix product, with some statistical applications	
238	McMaster	Prof. M. Gent	9th Gregynog (1973)	3	Controlled Clinical Trials in Theory and Practice	
239	Melbourne / Manchester	Mr. Ken Sharpe	13th Gregynog (1977)	6	Some Aspects of a Model for Wind Loading on Structures	
240	Michigan	Prof. B.M. Hill	12th Gregynog (1976)	4	Robust Inference for Extreme Data	
241	Michigan / Southampton	Prof. R.W. Andrews	17th Gregynog (1981)	6	Statistical Sampling as a Last Resort: An Auditing Application	
242	Missouri / Imperial	Prof. W.A. Thompson	11th Gregynog (1975)	1	Aging and Multiple Risk Systems	
243	Montana / Oxford	Prof. Warren Esty	24th Gregynog (1988)	3	Estimation for the Unindexed Multinomial Distribution	
244	Moscow / Imperial	Prof. V.V. Federov	10th Gregynog (1974)	7	Numerical Methods of Constructing Optimal Regression Designs	
245	National Cancer Institute, Bethesda, MD	Dr. Marvin Zelen	2nd Gregynog (1966)	2	Operational Methods in the Design of Experiments	See 'Research notes'
246	National Centre of Systems Reliability, Culcheth	Mr. A.J. Bourne	13th Gregynog (1977)	2	Reliability Assessment of Technological Systems	
247	National Vegetable Research Station, Wellesbourne	Dr. G.H. Freeman	18th Gregynog (1982)	2	Variations on a Latin theme	
248	NATS	Dr. Jacky Civil	48th Gregynog (2012)	5	Modelling the risk of oceanic aircraft collisions	

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Talk	Institution	Speaker	Edition	#	Talk Title	Notes
249	New York / UCL	Prof. J.A. Dickey	9th Gregynog (1973)	7	Bayesian Hypothesis Testing	
250	— —	Prof. Samprit Chatterjee	10th Gregynog (1974)	9	Allocation Problems in Multivariate Surveys	
251	Newcastle	Prof. Julian Besag	27th Gregynog (1991)	5	Monte Carlo sampling in Bayesian statistics	
252	— —	Prof. Murray Aitkin	33rd Gregynog (1997)	1	Random effect extensions of generalized linear models (Short Course Lecture 1)	Short Course (5th)
253	— —	— —	— —	4	Random effect extensions of generalized linear models (Short Course Lecture 2)	Short Course (5th)
254	— —	— —	— —	8	Random effect extensions of generalized linear models (Short Course Lecture 3)	Short Course (5th)
255	— —	Dr. Richard Boys	40th Gregynog (2004)	3	A Bayesian approach to DNA sequence segmentation using hidden Markov models	
256	— —	Prof. Robin Henderson	47th Gregynog (2011)	1	Prediction and explained variation in survival and event history analysis	
257	— —	Dr. Andrew Golightly	52nd Gregynog (2016)	6	Building bridges: Improved bridge constructs for stochastic differential equations	
258	North Carolina	Prof. G. Simons	19th Gregynog (1983)	7	Sequential Medical Trials	
259	North Carolina / Manchester	Prof. E.J. Wegman	13th Gregynog (1977)	8	How to give orders: Statistical Inference Under Order Restrictions	
260	Northwestern	Prof. Bruce Ankenman	41st Gregynog (2005)	5	Controlled Screening for Simulation Experiments	
261	Nottingham	Prof. Adrian Smith	16th Gregynog (1980)	1	Bayes tests and imaginary observations	
262	— —	Prof. Tony O'Hagan	27th Gregynog (1991)	3	Conflicting information	
263	— —	Prof. Paul Newbold	31st Gregynog (1995)	1	Unit Autoregressive Roots and Structural Breaks (Short Course Lecture 1)	Short Course (3rd)

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Talk	Institution	Speaker	Edition	#	Talk Title	Notes
264	— —	— —	— —	4	Unit Autoregressive Roots and Structural Breaks (Short Course Lecture 2)	Short Course (3rd)
265	— —	— —	— —	8	Unit Autoregressive Roots and Structural Breaks (Short Course Lecture 3)	Short Course (3rd)
266	— —	Prof. Andy Wood	39th Gregynog (2003)	3	Saddlepoint approximations with applications	
267	— —	Dr. Madalin Guta	46th Gregynog (2010)	7	An Introduction to Quantum Statistics	
268	— —	Dr. Theo Kypriaos	52nd Gregynog (2016)	1	Recent Developments in Bayesian Non-Parametric Inference for Epidemic Models	
269	Nottingham Trent	Prof. Neville Davies	37th Gregynog (2001)	2	Starter: The Learning and Teaching Support Network (LTSN). Main Course: How LTSN can help Statistics Learning and Teaching	
270	— —	Dr. John Marriott	39th Gregynog (2003)	7	Investigating trends in economic time series: a Bayesian graphical approach	
271	Odense	Dr. B. Jørgensen	18th Gregynog (1982)	8	Maximum likelihood estimation and large sample inference for generalised linear and non-linear regression models	
272	Ohio	Prof. Angela Dean	33rd Gregynog (1997)	7	Factorial cross-over designs involving few subjects	
273	Oklahoma / UCL	Prof. J. Leroy Folks	14th Gregynog (1978)	1	Significance Testing vs. Decision Making	
274	Ontario / Swansea	Prof. Charles Dunnett	22nd Gregynog (1986)	6	Multivariate Student's t: Applications and Tables	
275	Open	Prof. David Hand	29th Gregynog (1993)	2	Discriminant Analysis (Short Course Lecture 1)	Short Course (1st)
276	— —	— —	— —	4	Discriminant Analysis (Short Course Lecture 2)	Short Course (1st)
277	— —	— —	— —	8	Discriminant Analysis (Short Course Lecture 3)	Short Course (1st)

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Talk	Institution	Speaker	Edition	#	Talk Title	Notes
278	— —	Prof. Chris Jones	38th Gregynog (2002)	6	The skew t and other families of order statistic distributions	
279	— —	Prof. Paul Garthwaite	47th Gregynog (2011)	8	Methods of analysing single-case studies	
280	Oregon State	Prof. H.D. Brunk	3rd Gregynog (1967)	3	Certain Generalized Means and Associated Families of Distributions	
281	— —	— —	12th Gregynog (1976)	1	Univariate Density Estimation by Orthogonal Series	
282	— —	— —	19th Gregynog (1983)	8	Bayes Least Squares Linear (BLSL) Estimation	
283	Oslo	Prof. Tore Schweder	28th Gregynog (1992)	5	Maximum simulated likelihood with applications to whale counting	
284	Oxford	Prof. David Hinkley	26th Gregynog (1990)	8	Resampling as a practical tool	
285	— —	Prof. Brian Ripley	28th Gregynog (1992)	1	Statistical aspects of neural networks	
286	— —	Dr. Anthony Davison	32nd Gregynog (1996)	1	Bootstrap methods and their applications (Short Course Lecture 1)	Short Course (4th)
287	— —	— —	— —	4	Bootstrap methods and their applications (Short Course Lecture 2)	Short Course (4th)
288	— —	— —	— —	8	Bootstrap methods and their applications (Short Course Lecture 3)	Short Course (4th)
289	— —	Dr. Neil Shephard	33rd Gregynog (1997)	5	Some developments in the analysis of non-Gaussian time series using MCMC methods	
290	— —	Prof. John Gittins	40th Gregynog (2004)	6	Stochastic Models for the Planning of Pharmaceutical Research	
291	— —	Dr. Sofia Massa	49th Gregynog (2013)	5	Graphical models: an overview and some interesting applications	

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Talk	Institution	Speaker	Edition	#	Talk Title	Notes
292	— —	Mr. Andi Wang	55th Gregynog (2019)	10	Continuous time Monte Carlo: the Restore sampler	
293	Oxford Institute of Economics and Statistics	Dr. J.M. Hammersley	7th Gregynog (1971)	2	Self avoiding walks	
294	Penn State / LSE	Dr. Janice Derr	25th Gregynog (1989)	3	Statistical Challenges in Drug Development	
295	— —	Prof. Keith Ord	— —	8	Time Series Models for Multivariate Count Data	
296	Pilkington Bros.	Mr. P. Van Dijk	16th Gregynog (1980)	2	Breaking strength of glass fibres	
297	Plymouth	Dr. Yuzhi Cai	47th Gregynog (2011)	5	A primer on Bayesian quantile function modelling	
298	Queens University, Ontario	Prof. L. Broekhoven	15th Gregynog (1979)	1	A statistical package for the analysis of categorical data (LOGREG)	
299	Queens University, Ontario / Aberyst- wyth	Prof. Tom Stroud	26th Gregynog (1990)	7	Bayes predictive distributions for proportions with appli- cation to sample survey inference	
300	Queensland	Dr. Malcolm Faddy	34th Gregynog (1998)	3	Extended Poisson process of modelling and analysis of count data	
301	— —	Prof. Rodney Wolff	39th Gregynog (2003)	5	Harry Potter and the Quest for Non-linearity	
302	Rand / UCL	Prof. John Rolph	10th Gregynog (1974)	4	Empirical Bayes Methods Applied to a Spatial Analysis Problem	
303	Reading	Prof. R.N. Curnow	4th Gregynog (1968)	7	An approximate method of studying certain random walks arising in Genetics	
304	Reading	Prof. Roger Mead	28th Gregynog (1992)	2	Experimental design, loss of information and practical de- sign	

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Talk	Institution	Speaker	Edition	#	Talk Title	Notes
305	Reading / Rothamsted	Dr. Mike Kenward	29th Gregynog (1993)	1	Informative dropout in longitudinal data analysis	
306	Rothamsted	Dr. John Nelder	8th Gregynog (1972)	2	The Computer and Statistical Analysis	
307	— —	Mr. John Gower	21st Gregynog (1985)	8	Distance Matrices in Statistics	
308	Royal Holloway	Mr. E.J. Godolphin	19th Gregynog (1983)	3	Likelihood Methods in Time Series Analysis	
309	Royal Statistical Society	Dr. Frank Duckworth	34th Gregynog (1998)	2	One-day cricket: a mathematical solution to a mathematical problem	
310	Salford	Prof. John Copas	14th Gregynog (1978)	8	Density Estimation and Suicide Risk	
311	— —	Dr. Michael Cain	33rd Gregynog (1997)	6	Property valuation under asymmetric loss	
312	San Diego	Dr. Murray Rosenblatt	2nd Gregynog (1966)	7	Spectra and their Estimates	See 'Research notes'
313	SCICON	Mr. E.M.L. Beale	8th Gregynog (1972)	8	Selecting subsets in regression and depot location	
314	Seattle	Prof. Thomas Richardson	44th Gregynog (2008)	6	Modelau deuol ar gyfer annibyniaeth ymylol (Binary models for marginal independence)	
315	Sevastapol USSR	IMI, Dr. A.V. Tsukanov	19th Gregynog (1983)	2	Design of Experiments for a Regression Model with Random Effects	
316	Sheffield	Prof. Joe Gani	4th Gregynog (1968)	3	Recent work in storage theory	
317	— —	Prof. Bob Loynes	32nd Gregynog (1996)	7	Testing for normality and for change of regime in time series and regression	
318	— —	Prof. Mike Campbell	35th Gregynog (1999)	2	Methods of analysis clustered randomised controlled trials	
319	— —	Dr. Nick Fieller	40th Gregynog (2004)	5	Using NMR images as the primary outcome measure in clinical trials	

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Talk	Institution	Speaker	Edition	#	Talk Title	Notes
320	— —	Prof. Tony O'Hagan	49th Gregynog (2013)	7	Prior distributions and posterior inference when the model is wrong	
321	Shell (Thornton)	Dr. Alcywn Jones	10th Gregynog (1974)	2	Singular Value Decomposition and its Application	
322	— —	Dr. P.T. Davies	18th Gregynog (1982)	4	Coal/oil flow ratios: an example of statistical analysis of correlated observations	
323	Simon Bolivar / Nottingham	Prof. Luis Pericchi	25th Gregynog (1989)	7	Robust Bayesian Credible Intervals and Prior Ignorance	
324	Simon Fraser	Prof. Richard Lockhart	23rd Gregynog (1987)	8	Goodness of Fit, Quadratic Forms and Invariance Principles	
325	Simon Fraser / Birkbeck	Prof. M. Stephens	17th Gregynog (1981)	7	Goodness of fit tests based on the Empirical Distribution Function or on Graph Plotting Methods	
326	— —	Prof. Michael Stephens	24th Gregynog (1988)	8	Tests of Fit Based on Probability Plots, with some Comparisons	
327	Simon Fraser / Oxford	Prof. Richard Lockhart	31st Gregynog (1995)	7	Goodness of Fit and the Box-Cox Transformation	
328	Southampton	Prof. D. Holt	19th Gregynog (1983)	4	Analytic Uses of Survey Data: A Review	
329	— —	Dr. David Firth	28th Gregynog (1992)	6	Bias reduction of maximum likelihood estimates	
330	— —	Prof. Ray Chambers	34th Gregynog (1998)	1	Likelihood-based inference for complex survey data (Short Course Lecture 1)	Short Course (6th)
331	— —	— —	— —	4	Likelihood-based inference for complex survey data (Short Course Lecture 2)	Short Course (6th)
332	— —	— —	— —	7	Likelihood-based inference for complex survey data (Short Course Lecture 3)	Short Course (6th)

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Talk	Institution	Speaker	Edition	#	Talk Title	Notes
333	— —	Dr. Alan Welsh	37th Gregynog (2001)	6	Examining distance sampling	
334	— —	Prof. Russell Cheng	41st Gregynog (2005)	1	Analysis of Distributions in Simulation Factorial Experiments	
335	— —	Dr. Christine Currie	42nd Gregynog (2006)	2	Balancing bias and variance in the optimisation of simulation models	
336	— —	Dr. Peter Challenor	44th Gregynog (2008)	4	The statistics of rapid climate changes	
337	— —	Prof. Russell Cheng	48th Gregynog (2012)	3	Optimization by Random Search: Statistical Aspects	
338	— —	— —	50th Gregynog (2014)	6	The Use of Massively Parallel Processors in Simulation and Statistical Analysis	
339	Southern Denmark	Prof. Bent Jorgensen	— —	3	The Power Laws of Taylor and Fairfield Smith	
340	SP Tyres UK	Mr. Tim Davis	22nd Gregynog (1986)	7	Survival and Tyres	
341	SRC Rutherford Computer Laboratory	Mr. J.E. Hailstone	14th Gregynog (1978)	6	The SRC Interactive Computing Facility and the need to provide for Statistical work	
342	St Andrews	Mr. David Wishart	1st Gregynog (1965)	6	Bacterial Colonies: Stochastic Models	See 'Research notes'
343	— —	Prof. R.M. Cormack	19th Gregynog (1983)	6	Analysis of Log-linear Models for Capture-recapture	
344	— —	Dr. Adrienne Kemp	24th Gregynog (1988)	1	Rapid Estimation for Discrete Distributions	
345	— —	Prof. D. Kemp	— —	4	Poisson Generation with Varying Parameters	
346	— —	Prof. Steve Buckland	33rd Gregynog (1997)	2	Wildlife population assessment: some research issues	
347	Stanford	Prof. D.L. Iglehart	12th Gregynog (1976)	8	Statistical Analysis of the Output of Computer Simulations	
348	— —	Prof. David Siegmund	35th Gregynog (1999)	5	Genetic Linkage Analysis as a Change-point Problem	
349	Stanford / Bath	Prof. Iain Johnstone	25th Gregynog (1989)	1	Speeds of Estimation in Positron Emission Tomography	

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350	Stanford / Imperial	Prof. Brad Efron	9th Gregynog (1973)	8	Stein's Rule and Empirical Bayes Estimation	
351	— —	Prof. Ingram Olkin	13th Gregynog (1977)	4	A New Class of Multivariate Tests via the Union-Intersection Principle	
352	Stanford / LSE	Prof. T.W. Anderson	11th Gregynog (1975)	2	Estimation in Autoregressive Moving Average Processes	
353	Stirling	Prof. F. Bradbury	16th Gregynog (1980)	6	Interdisciplinary research	
354	Strathclyde	Dr. Eddie Mackenzie	26th Gregynog (1990)	3	Damped trend exponential smoothing	
355	Surrey	Prof. P.M. Robinson	17th Gregynog (1981)	2	Nonparametric Analysis of Time Series	
356	— —	Dr. Trevor Sweeting	28th Gregynog (1992)	3	Some applications of parameter based asymptotics	
357	— —	Dr. Martin Crowder	30th Gregynog (1994)	2	Repeated Measures (Short Course Lecture 1)	Short Course (2nd)
358	— —	— —	— —	4	Repeated Measures (Short Course Lecture 2)	Short Course (2nd)
359	— —	— —	— —	8	Repeated Measures (Short Course Lecture 3)	Short Course (2nd)
360	— —	Dr. Alan Kimber	36th Gregynog (2000)	2	Random effects modelling in survival analysis	
361	Swansea	Prof. Alan Hawkes	11th Gregynog (1975)	7	Some Simple Stochastic Models for the Transmission of Nerve Impulses Across Muscle Membranes	
362	— —	Dr. Peter Donnelly	21st Gregynog (1985)	7	Some Applications of Genealogical Processes in Population Genetics	
363	— —	Prof. Alan Hawkes	49th Gregynog (2013)	4	Hawkes Processes, Finance and Crime	
364	— —	Dr. Maggie Chen	51st Gregynog (2015)	8	Flash Crashes, Jumps and Running Jumps: A New Method of Jump Detection	
365	Texas	Prof. Mel Hinich	36th Gregynog (2000)	6	Forecasting the Dynamics of a Linear system	
366	Texas, Austin	Prof. Peter John	22nd Gregynog (1986)	5	Time Trends and Screening Experiments	

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367	The Sunday Telegraph (Science Correspondent)	Mr. Robert Matthews	38th Gregynog (2002)	7	Amazing - but is it true? Bayesian methods for assessing the credibility of new research findings	
368	Tilburg	Dr. Jack Kleijnen	30th Gregynog (1994)	5	Sensitivity Analysis and Optimization of Simulation Experiments	
369	Tohoku / Imperial	Prof. Y. Hosoya	17th Gregynog (1981)	5	Conditionality and Maximum Likelihood Estimation	
370	Toronto	Prof. Don Fraser	44th Gregynog (2008)	1	Bayes vs. frequentist, posterior vs confidence (Short Course Lecture 1)	Short Course (13th)
371	— —	— —	— —	2	Bayes vs. frequentist, posterior vs confidence (Short Course Workshop)	Short Course (13th)
372	— —	— —	— —	5	Bayes vs. frequentist, posterior vs confidence (Short Course Lecture 2)	Short Course (13th)
373	— —	Prof. Nancy Ried	— —	8	Asymptotics and Applications	
374	Toronto / Sheffield	Prof. W.A. O'N Waugh	8th Gregynog (1972)	5	Taboo extinction and asymptotic growth of birth and death processes	
375	Toxicol Ltd.	Dr. Peter Ceuppens	31st Gregynog (1995)	3	Statistical Modelling in Pharmaceutical Data	
376	Tromsø, Norway	Prof. Tore Schweder	18th Gregynog (1982)	5	The method of correspondence analysis, applications to archaeology	
377	UCL	Dr. Toby Lewis	1st Gregynog (1965)	5	Factorisation of Characteristic Function	
378	— —	Prof. Dennis Lindley	4th Gregynog (1968)	1	Information, weighing of evidence, degree of corroboration and explanatory power	
379	— —	— —	9th Gregynog (1973)	9	Predictive Distributions	
380	— —	Prof. Philip Dawid	20th Gregynog (1984)	1	The Nature of Probabilistic Theories	

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381	— —	Prof. Mervyn Stone	21st Gregynog (1985)	9	Coordinate Freedom	
382	— —	Prof. David Colquhoun	26th Gregynog (1990)	4	Looking at single molecules: ion channel properties as a Markov process	
383	— —	Prof. Valerie Isham	32nd Gregynog (1996)	2	Stochastic epidemic models: transmission of infection and development of disease	
384	— —	Dr. Hilde Wilkinson-Herbots	37th Gregynog (2001)	3	Probability in Genetics	
385	— —	Prof. Stephen Senn	— —	8	Two cheers for P-values	
386	— —	Prof. Sofia Olhede	45th Gregynog (2009)	3	Multiscale Inference	
387	— —	Dr. Ioannis Kosmidis	51st Gregynog (2015)	3	Bias in parametric estimation: reduction and useful side-effects	
388	— —	Dr. Gareth Peters	— —	9	Asymptotic Approximations and Monte Carlo Approximations for Risk and Insurance	
389	— —	Prof. David Colquhoun	52nd Gregynog (2016)	4	The misinterpretation of p values and the reproducibility of science: why haven't statisticians told us?	
390	UCL (Galton Lab)	Prof. B.G. Greenberg	4th Gregynog (1968)	4	Randomised Response Models in Interviewing - the Unrelated Question Technique	
391	Unilever	Mr. Ian Hewitt	25th Gregynog (1989)	6	Consumer Loyalty	
392	— —	Dr. Philip Whittall	26th Gregynog (1990)	2	From Muddle to Model: A transformation	
393	— —	Dr. Ben Diaz	44th Gregynog (2008)	7	Unilever's Research on Recommender Systems: Leveraging Supermarket Shopping Data	
394	— —	Dr. Trevor Cox	45th Gregynog (2009)	7	What does the consumer thing? Some multivariate analysis techniques to find out	

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Talk	Institution	Speaker	Edition	#	Talk Title	Notes
395	University of Wales, Institute of Science and Technology	Dr. Russell Cheng	14th Gregynog (1978)	7	Maximum Product-Of-Spacings Estimation with an Application to the Lognormal Distribution	
396	US Naval Postgraduate School / Free University of Brussels	Prof. D.P. Gaver	17th Gregynog (1981)	4	New Random Variables from Old by “Distributional Sculpturing”	
397	US Naval Postgraduate School, Monterey	Prof. P.A.W. Lewis	18th Gregynog (1982)	9	The use of transformations in simulation output analysis	
398	— —	Prof. Peter Lewis	23rd Gregynog (1987)	6	A Program for Output Analysis of Multi Factor Simulations	
399	— —	— —	28th Gregynog (1992)	8	Non-linear Time Series using Multivariate Adaptive Regression Splines (MARS)	
400	US Naval Postgraduate School, Monterey / Edinburgh	Prof. Alan Washburn	23rd Gregynog (1987)	1	A Dynamic Search Game	
401	Virginia Polytechnic and State / Kent	Dr. Eric Smith	25th Gregynog (1989)	4	Multispecies Microcosm Experiments: Inference when there are more Variables than Data	
402	Warwick	Dr. Jim Smith	— —	2	A Bayesian Model for Competitive Bidding for Contracts	
403	— —	Dr. Jane Hutton	37th Gregynog (2001)	5	Models for survival data: choice between accelerated life and proportional hazard models	
404	— —	Prof. Mark Steel	40th Gregynog (2004)	1	Non-Gaussian Bayesian Geostatistical Modelling	
405	— —	Prof. David Firth	41st Gregynog (2005)	7	Working with over-parameterized models	

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Talk	Institution	Speaker	Edition	#	Talk Title	Notes
406	— —	Prof. David Hobson	43rd Gregynog (2007)	1	Skorokhod embeddings with applications to finance. 1. Skorokhod embeddings: a beginners guide (Short Course Lecture 1)	Short Course (12th)
407	— —	— —	— —	3	Skorokhod embeddings with applications to finance. 2. Optimal Skorokhod embeddings (Short Course Lecture 2)	Short Course (12th)
408	— —	Dr. Vassili Kolkoltsov	— —	5	Fractionally stable distributions, as limits for continuous time random walks, and statistical estimation of their parameters	
409	— —	Prof. David Hobson	— —	6	Skorokhod embeddings with applications to finance. 3. Skorokhod embeddings and applications to finance (Short Course Lecture 3)	Short Course (12th)
410	— —	Dr. Anastasia Papavasiliou	44th Gregynog (2008)	3	Parameter Estimation for Rough Differential Equations	
411	— —	Dr. John Aston	45th Gregynog (2009)	1	An Introduction to Statistical Neuroimaging: Space (Short Course Lecture 1)	Short Course (14th)
412	— —	— —	— —	2	An Introduction to Statistical Neuroimaging: Space (Short Course Lecture Workshop)	Short Course (14th)
413	— —	— —	— —	4	An Introduction to Statistical Neuroimaging: Space (Short Course Lecture 2)	Short Course (14th)
414	— —	— —	— —	8	An Introduction to Statistical Neuroimaging: Space (Short Course Lecture 3)	Short Course (14th)
415	— —	Dr. Adam Johansen	46th Gregynog (2010)	1	Sequential Monte Carlo: What, How and Some Reasons Why	

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Talk	Institution	Speaker	Edition	#	Talk Title	Notes
416	— —	Prof. John Copas	— —	3		Substitute for Marian Scott (Glasgow)
417	— —	Prof. Jane Hutton	— —	8		Substitute for Marian Scott (Glasgow)
418	— —	Dr. David Croydon	47th Gregynog (2011)	3	Mixing time convergence for sequences of random walks on random graphs	
419	— —	Dr. Tim Davis	— —	6	Statistical Engineering	
420	— —	Dr. Martin Kolb	48th Gregynog (2012)	8	Quasi-stationary distributions for diffusion processes	
421	— —	Prof. Simon French	49th Gregynog (2013)	1	Cynefin, Modelling and Statistics: The Context of Statistical Inference (Short Course Lecture 1)	Short Course (17th)
422	— —	— —	— —	2	Cynefin, Modelling and Statistics: Workshop	
423	— —	— —	— —	3	Cynefin, Modelling and Statistics: Exploratory Data Analysis and Problem Formulation (Short Course Lecture 2)	Short Course (17th)
424	— —	— —	— —	8	Cynefin, Modelling and Statistics: Small worlds, States of nature and Scenarios (Short Course Lecture 3)	Short Course (17th)
425	— —	Prof. Chenlei Leng	50th Gregynog (2014)	4	Modelling Covariances for Longitudinal Data	
426	— —	Prof. John Copas	— —	8	Correcting for outcome reporting bias in meta-analysis	
427	— —	Dr. Paul Jenkins	51st Gregynog (2015)	12	Statistical and computational challenges from genomic data	
428	— —	Dr. Deidre Hollingsworth	52nd Gregynog (2016)	2	Providing useful insights when working on a neglected tropical disease	

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Talk	Institution	Speaker	Edition	#	Talk Title	Notes
429	— —	Dr. Simon Spencer	— —	5	Bayesian inference and model selection for stochastic epidemics (with special attention to Escherichia coli O157:H7 in cattle)	
430	— —	Prof. Tom Nichols	— —	7	Meta-Analysis: Review and new developments in neuroimaging	Short Course (20th)
431	— —	— —	— —	11	High- and low-tech solutions for multiple testing in large scale inference	Short Course (20th)
432	— —	Dr. Vicky Henderson	53rd Gregynog (2017)	10	Prospect Theory in a Dynamic Context	
433	— —	Dr. Sara Wade	54th Gregynog (2018)	10	Pseudo-marginal Bayesian inference for supervised Gaussian process latent variable models	
434	— —	Prof. Jane Hutton	55th Gregynog (2019)	1	Intergenerational fairness: Statistical analysis, assumptions and actuarial models	
435	— —	Dr. Murray Pollock	— —	2	Gregynog & Confusion	
436	— —	Dr. Martine Barons	— —	3	Structured Expert Judgement to estimate the probability of a major power system unreliability event	
437	— —	Mr. Jack Jewson	— —	4	Generalized Variational Inference	
438	— —	Mr. Sherman Ip	— —	5	Detection of Voids in Additive Manufacturing Using X-rays in Projection Space	
439	— —	Mr. Giulio Morina	— —	6	From the Bernoulli Factory to a Dice Enterprise via Perfect Sampling of Markov Chains	
440	— —	Dr. Sigurd Assing	— —	7	Some ideas motivated by “An approximation scheme for Quasi-stationary distributions of killed diffusions”	
441	— —	Dr. Anastasia Papavasiliou	— —	8	Statistics through rough paths	

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Talk	Institution	Speaker	Edition	#	Talk Title	Notes
442	— —	Mr. David Selby	— —	9	Ecological Regression, Rankings and the REF	
443	— —	Dr. Jeremie Houssineau	— —	11	Bayesian inference with outer probability measures	
444	— —	Dr. Jon Warren	— —	12	Much ado about random matrices	
445	Warwick / Dauphine	Prof. Christian Robert	— —	5	ABC convergence and misspecification	
446	Warwick / HRI Wellesbourne	Mr. John Fenlon	40th Gregynog (2004)	4	Topics in quantal assay	
447	Washington	Prof. E.T. Jaynes	20th Gregynog (1984)	9	The Principle of Maximum Entropy for Solving Ill-Posed Problems	
448	Waterloo / Cambridge	Prof. J.G. Kalbfleisch	16th Gregynog (1980)	7	Some examples of the analysis of categorical data	
449	Western Australia / Birkbeck	Dr. N.A. Goodchild	9th Gregynog (1973)	5	An approach to the Analysis of Repeated Experiments	
450	Wisconsin / Glasgow	Prof. Brian Yandell	26th Gregynog (1990)	1	Smoothed counts for biological processes	
451	York	Mr. D.S. Poskitt	20th Gregynog (1984)	8	Bayes Identification of Time Series Models	
452	— —	Mr. Andy Tremayne	27th Gregynog (1991)	4	Some problems associated with testing in time series models with unit roots	
453	— —	Prof. Alexander McNeil	53rd Gregynog (2017)	3	More Powerful Backtests for Market Risk Models Using Realized p-Values	