



SEVENTY YEARS OF THE R.S.S. IN THE WEST MIDLANDS

compiled by M. Pollock, A.J. Lawrance, D.A.L. Wilson
West Midlands Local Group of the Royal Statistical Society
(formerly known as the Birmingham & District Group)

2016

© 2016 West Midlands Local Group, Royal Statistical Society

FOREWORD

This month we celebrate the seventieth (although strictly speaking the seventy-first) anniversary of the founding of the West Midlands Local Group of the Royal Statistical Society (RSS), being the direct successor of the Birmingham and District Group which formed in 1945. The anniversary is being celebrated by holding a special meeting entitled “RSS Local Groups and Sections: Past, Present, Future” at the University of Warwick on the 26th of October 2016, with plenary talks by Prof. Peter Diggle (Lancaster) and Prof. Sir David Spiegelhalter (Cambridge) (who are the current and incoming Presidents of the RSS respectively). The hopefully excellent talks will be interspersed by a celebratory cake, a wine reception, and a formal dinner with the speakers.

As an additional way to mark this important milestone we have compiled this comprehensive booklet, which details the activities of the Group since its foundation, using attendance registers and exhaustive records handed down from one Group secretary to the next. Most of the booklet is taken up by a list of meetings and an index to speakers who have addressed the Group. In addition we provide a history of the Group, summary statistics for each session, and a list of Chairmen, Honorary Secretaries and committee members over the years.

Particular thanks are owed to David Wilson (Honorary Secretary 1985–87, Chairman 1991–93), from whom the history of the Group is largely taken and adapted. Thanks are also due to Peter Kimani (Honorary Secretary 2010–15), Tony Lawrance (Chair 2005–15), John Rodgers (Chair 1945–47, 1949–50), Frank Sandon and to all former Honorary Secretaries of the Group.

Murray Pollock

University of Warwick & Honorary Secretary, RSS West Midlands Local Group
October 2016

Contents

1	SOME KEY FACTS	5
2	HISTORICAL SKETCH	6
3	SUMMARY STATISTICS	12
4	CHAIRMEN & HONORARY SECRETARIES	14
5	THE COMMITTEE	16
6	ORDINARY MEETINGS	18
7	INDEX OF SPEAKERS	59

1 SOME KEY FACTS

- The first talk was given by B.P. Dudding (General Electric Company) on the 26th of September 1945, where he talked about “Statistics in engineering”.
- In total there have been 529 talks, delivered at 492 meetings, by 443 different speakers.
- Average recorded attendance at talks has been 26.4, ranging from 7 to over 200. In total recorded attendance at talks stands at 13262, but in actuality it is estimated (due to missing records for 1963–66, and a number of other isolated occasions) to be around 14000.
- The speaker who has spoken on most separate occasions is D.R. Cox (six times). This is closely followed by W.A. Bennett, D.J. Desmond (Honorary Secretary 1945–47, Chairman 1948–49) and E.D. van Rest, who have each spoken five times.
- The record for the greatest time elapsed between presentations is 25 years 11 months, and is held by D.J. Spiegelhalter (Dec. 1983 – Nov. 2009).
- The longest serving Chairman is A.J. Lawrance (10 times, 2005–15), and the longest serving Honorary Secretary is P.K. Kimani (6 times, 2010–15).
- The Birmingham and District Group changed its name to the West Midlands Group in its 62nd session (2006–07).

2 HISTORICAL SKETCH

The historical sketch which we provide is largely taken, adapted and updated using copies of [Wilson, 1985], [Lawrance, 2005] and session attendance records held by the Group.

Origins of the Group

In 1933, some twelve years before the first meeting of the Birmingham Group, the RSS had established an Industrial and Agricultural Research Section (IARS). One of the aims of the IARS was to encourage the use of statistical methods in the manufacturing industries, 'but the relative backwardness of the development [of statistics] in these industries compared with the position in agriculture tended to restrain the workers in the former from joining as freely in the activities of the Section as many of those interested in this work had hoped' [Dudding, 1943].

The outbreak of war in 1939 disrupted the original organisation of the IARS, but manufacturing engineers contributing to the war effort became increasingly interested in the statistical methods of quality control, which had already been developed in the United States. In Birmingham, a fairly informal Quality Control Panel, sponsored by the Ministries of Production and Supply, was set up in 1942 to apply these new techniques.

Meanwhile in London, some surviving members of the IARS had formed the Industrial Applications Group (IAG) of the RSS, which was also mainly concerned with quality control. Meetings of the IAG are described by [Dudding, 1943] and in the Annual Reports of the RSS Council for 1942–43, 1943–44 and 1944–45. In the 1944–45 Report, it is mentioned that many of those attending the IAG meetings in London had come from 'distant parts of England'. Whether the writer intended this to include Birmingham we do not know, but the report goes on to record that the IAG was also hoping to organise meetings in 'provincial centres'.

After the end of the war in Europe, the old IARS was revived and split into the Research Section and the Industrial Applications Section (IAS), with local groups of the IAS in London, Birmingham and Sheffield. The Birmingham Group, which met for the first time on the 26th of September 1945, was largely composed of members of the wartime Quality Control Panel and the Group's first attendance record was kept in what had been the quality control notebook of David Desmond, the Group's first secretary. Our first records of the Group are therefore prefaced by derivations of alternative formulae for calculating sample variances, followed by several pages of data and calculations relating to wartime production at Joseph Lucas factories, apparently using the methods laid down by [Dudding and Jennett, 1942].

The first chairman of the Group was J.W. Rodgers, who had worked with W.A. Bennett at the English Needle Co. During the war this company was producing small ordnance compo-

nents which were originally tested 100 per cent by the company and then re-tested 100 per cent by the Inspectorate of Naval Ordnance (INO). By dint of studying BS 600 R and attending the IAG meetings in London, Bennett and Rodgers were able to devise small sample methods which saved a great deal of time and satisfied the INO. They later passed on the lessons they had learnt to other members of the local Quality Control Panel.

Besides Rodgers and Desmond, the original committee of our Group included representatives of Hercules (A.V. Hassle), ICI (W.N. Baker), General Electric Company (E.J.B. Pearson), GKN (H. Standing), Dunlop (V.E. Gough) and the Birmingham Central Technical College (J.A. Bailey).

Records indicate that in May 1946 there were 91 members of the Group, of whom only about 15 appear to have been Fellows of the RSS. A few years later, the proportion of Fellows had risen to about 30 per cent but throughout the early years the bulk of the membership and those attending meetings consisted of people concerned with the practical application of statistics in local industry. Representatives of Dunlop, ICI, Lucas, General Electric Company and Courtaulds played a particularly important part in the organisation of the group at this time.

The first fifteen years (1945–60)

The talks given to our Group in the first session seem to have been on much the same lines as the IAG talks and those that Bennett and Rodgers had been giving to the Quality Control Panel. We can get some idea from the RSS Annual Reports and the Section's own Reports, which were published separately. For reasons readily understood by any Group Secretary, the details from our Group are notably brief, but other local groups often gave fuller accounts of talks similar to those delivered at Birmingham.

Quality control and productivity were the themes that dominated the early years. The work of the Group at this time seems to have been very close in spirit to that of the newly-formed Association of Incorporated Statisticians, in whose journal some of our speakers published papers very similar to those read at our meetings. Typical of these are [Dudding, 1950], [Wharton, 1950], [Hogben, 1951], [Tippett, 1951] and [Desmond, 1953]. Other publications by early speakers include the papers of [Hartley, 1946] and [Lyle, 1948].

During the 1950s, the Annual General Meeting was usually held in April or May and followed by an address from the Chair or a debate. In April 1955, the chairman was B.J.A. Martin and he took as his theme "What an industrial applications group should talk about". This topic had exercised the committee for years, some members arguing that more papers at an elementary and practical level were required, while others felt that the Group should try to keep abreast

of theoretical developments and that “attention must be paid to other applications beside statistical quality control” (Committee Minutes, 28 Nov. 1948). In their Annual Report for 1949, the committee identified their membership as either Inspectorate Staff or Industrial Scientists. It was felt that the two previous sessions had catered more for the Industrial Scientists (who had “wider interests”), so the 1949–50 session was aimed directly at Inspectorate Staff.

Most of the meetings in the first ten years were held at the Birmingham Chamber of Commerce in New Street. In the annual accounts for 1948, we find “Hire of Room £6 13s 0d; Hire of Lantern 10s 0d; Lecturers’ Expenses 10s 0d”. At about the same time, there is some discussion about the generosity of the Secretary in giving 2s 6d as a tip to a waitress who served tea and biscuits. In 1955, the meetings were moved to the Birmingham Exchange (later re-named the Exchange and Engineering Centre) in Stephenson Place. When the Exchange opened a new building in Broad Street, called the Engineering and Building Centre, the Group transferred its meeting there for the 1962–63 session.

Throughout this period there had been protracted discussions between the city authorities and various local trade associations and professional societies (including our Group) about setting up a Technical House in Birmingham. This was to be a permanent base for these bodies, with lecture theatres of various sizes, committee rooms and filing space for their records. When the Central Technical College moved from Suffolk Street to its new site at Gosta Green, it was hoped that the Technical House might be located there. However these hopes were never realised.

In 1948, the Group assisted the Central Technical College in organising a course of lectures on the application of statistical methods. The same year, Thomas Matthew was appointed Lucas Professor in the Principles of Engineering Production at the University of Birmingham. He gave a talk to the Group in January 1949 and D.J. Desmond joined his staff at about this time. Other members of the Department of Engineering Production who contributed to the work of the Group in the 1950s included Cyril Anson and Elsie Knowles. Dr. Anson later moved to GKN and then to the Mathematics Department of the Central Technical College, where he and Dr. Ali Rajput developed regular courses in statistics and operational research for engineering and science students.

The Group organised a one-day conference at the College in 1956. This attracted more than 200 participants. The venture proved to be very successful and was repeated in 1957, 1958 and 1960. Apparently some embarrassment was caused by the profit accruing from sales of copies of papers read at the conferences, since someone pointed out that the RSS was a charity and therefore should not make profits.

Meanwhile in 1958, another important link with the University of Birmingham was formed with the appointment of Prof. H.E. Daniels to our committee. Henry Daniels had been one of the original members of the wartime IAG committee and had now come to the University of Birmingham as the first Professor of Mathematical Statistics in the Department of Pure Mathematics.

The next twenty-five years (1960–85)

In the period 1960–85 a number of other local groups were set up, each of which would send representatives (usually the Chairman and the Secretary) to an annual section meeting in London. By the time an RSS committee reported on re-organisation of the sections in 1959, it had become clear that all the local groups had developed interests outside their parent sections. The new constitution provided for the local groups to report directly to Council through a Local Groups Co-ordinating Committee (LGCC) and to each appoint a representative to liaise with the new IAS. These changes were put into effect for the 1962–63 session, Henry Daniels and David Wishart of the University of Birmingham taking over as Chairman and Secretary respectively from Fred Musk and John Luckman, both of Courtaulds.

For the 1963–64 session, the Group met at the new Chamber of Commerce in Harborne Road but, to reduce overheads, meetings for the next session were held at the University, where an autonomous Department of Mathematical Statistics was established in 1965. By now the Central Technical College had been designated as a College of Advanced Technology (CAT) and was to become the University of Aston in 1966. As the Group's Secretary of 1965–66 was a member of staff at the CAT, some meetings were held there that session. In the period 1960–85 nearly all meetings were held at the University of Birmingham, with occasional forays to the Department of Statistics at Lanchester Polytechnic (now Coventry University) and the Department of Statistics at the University of Warwick.

During this period there was an increasing frequency of speakers from other universities, as opposed to industry in earlier years, but the Group continued contact with the Business and Industrial Section of the RSS (successor to the IAS). A number of joint meetings were held jointly with the Midlands Operational Research Society (MORS) and with local branches of the Institute of Mathematics (IoM) and the British Computer Society. The Group also organised a two-day workshop with the Institute of British Geographers in 1982 and, in 1985, the Birmingham Actuarial Society assisted us at a special meeting for sixth-form students and teachers.

The last thirty years (1985–Present)

The past thirty years began with the continuation of the Group being based in Birmingham, and meeting in the Watson Building of the Department of Statistics of the University of Birmingham. However, over the period 1985–2005 meetings increasingly took place at Lanchester Polytechnic (Coventry University) and the University of Warwick (although occasional meetings were also held at Solihull Sixth Form College, the University of Wolverhampton and Wellesbourne Vegetable Research Station). The Birmingham and District Group changed its name to the West Midlands Group in its 62nd session (2006–07), reflecting the change in the primary location of its meetings from Birmingham (and in particular the University of Birmingham), to the University of Warwick. In recent years meetings are now no longer held at Coventry University, but are split between the University of Warwick (roughly two thirds) and the University of Birmingham (albeit now being hosted by the MRC Hub for Trials Methodology at the Institute of Applied Health Research).

Inspecting the meetings over the most recent thirty years one notes that there has been a shift in the focus of meetings away from practical industrial applications, to more academic talks. For a period throughout the '90's and early '00's a welcome break from this was achieved with the Group ending its sessions with an annual end-of-year social evening, with a meal and a speaker giving a talk on a lighter subject matter. Notable talks were given by R. Matthews of the Sunday Telegraph, D. Boyle of the New Economics Foundation, and (of particular note) D.M.G. Wishart of St Andrews University, who delivered a talk and practical session on "Classifying single malt whiskies". Perhaps unsurprisingly this is one session for which the attendance has been mislaid.

In the past few years the Group committee has been making some effort to move away from purely academic talks, to those which will engage more broadly those interested in statistics (and topics for which statistics is useful). Some notable successes in this regard include a meeting on "Imperial logistics by numbers: the case of the Chinese Terracotta Warriors" delivered by Andrew Bevan (Imperial), "Big Data': A panacea or chimera for economic policy" delivered by Paul Robinson (Bank of England) and "Fifty years of election night forecasting for the BBC: The inside story" delivered by Clive Payne (Oxford), all of which attracted a diverse audience of statisticians and other interested parties. Another recent initiative to increase engagement has been to run annual joint sessions with the Young Statisticians Section of the RSS.

The committee still agonises about what kind of talks we should have to interest the members and increase both public use, and engagement with, statistics. We of course welcome suggestions for future talks and focus, and are always in need of volunteers to sit on the committee and help with the organisation. We wish to extend our thanks to both the Department

of Statistics at the University of Warwick and the MRC Hub for Trials Methodology at the University of Birmingham, for their current help in supporting the meetings of the Group. It is hoped that this support, and the goodwill of volunteers to sit on the committee of the Group, will help ensure our further progress towards our eagerly awaited centenary in 2045.

References

- [Desmond, 1953] Desmond, D. (1953). The statistical approach to weights and measures. *The Incorporated Statistician*, 4:138–146.
- [Dudding, 1943] Dudding, B. (1943). The Industrial Applications Group of the Royal Statistical Society: first session, 1941–42. *Journal of the Royal Statistical Society*, 106:64–67.
- [Dudding, 1950] Dudding, B. (1950). Statistical methods as industrial tools: quality control. *The Incorporated Statistician*, 1:5–9.
- [Dudding and Jennett, 1942] Dudding, B. and Jennett, W. (1942). *Quality Control Charts: BS 600R*. British Standards Institution.
- [Hartley, 1946] Hartley, H. (1946). The application of some commercial calculating machines to certain statistical calculations. *Supplement to the Journal of the Royal Statistical Society*, 8:154–183.
- [Hogben, 1951] Hogben, L. (1951). Design of medical documents. *The Incorporated Statistician*, 2:2–14.
- [Lawrance, 2005] Lawrance, A. (2005). Forty plus twenty years of the R.S.S. Birmingham and District Group. *R.S.S. Birmingham and District Group*, pages 1–58.
- [Lyle, 1948] Lyle, P. (1948). Factorial regression analysis. *London: Tate & Lyle*.
- [Tippett, 1951] Tippett, L. (1951). Productivity statistics for management use. *The Incorporated Statistician*, 2:2–9.
- [Wharton, 1950] Wharton, A. (1950). The organisation of a statistical department. *The Incorporated Statistician*, 1:10–16.
- [Wilson, 1985] Wilson, D. (1985). Forty years of the R.S.S. in Birmingham. *R.S.S. Birmingham and District Group*, pages 1–35.

3 SUMMARY STATISTICS

A summary of the meetings organised, and the attendance at, by session, is given below. *NR* denotes that the information was not recorded.

#	Period	Meetings	Speakers	Talks	Avg. Talk Attend.	Min. Talk Attend.	Max. Talk Attend.
1	1945-46	7	8	7	35.8	25	53
2	1946-47	7	7	7	24.8	20	30
3	1947-48	7	7	7	21.6	15	34
4	1948-49	7	7	7	23.9	13	35
5	1949-50	7	7	7	28.9	16	37
6	1950-51	8	8	8	44.6	10	140
7	1951-52	7	7	7	27.6	17	47
8	1952-53	8	8	8	35.1	22	80
9	1953-54	8	11	8	19	14	23
10	1954-55	8	8	8	30.4	16	44
11	1955-56	8	12	11	88.1	15	200
12	1956-57	8	11	11	23.4	17	31
13	1957-58	9	13	12	20.1	14	30
14	1958-59	7	7	7	16.1	13	28
15	1959-60	8	11	11	20.1	13	28
16	1960-61	10	10	10	12.4	8	20
17	1961-62	7	7	7	20.1	8	30
18	1962-63	7	8	7	15	15	15
19	1963-64	7	7	7	<i>NR</i>	<i>NR</i>	<i>NR</i>
20	1964-65	7	9	7	<i>NR</i>	<i>NR</i>	<i>NR</i>
21	1965-66	7	7	7	<i>NR</i>	<i>NR</i>	<i>NR</i>
22	1966-67	7	7	7	31.1	13	70
23	1967-68	7	11	11	25.8	18	48
24	1968-69	7	7	7	34.7	20	62
25	1969-70	7	8	7	41.6	19	59
26	1970-71	8	10	9	28.7	12	50
27	1971-72	7	7	7	31	17	41
28	1972-73	7	7	7	29.3	19	58
29	1973-74	7	7	7	26.4	15	40
30	1974-75	7	7	7	25.4	14	33
31	1975-76	7	7	7	27.4	15	48
32	1976-77	7	7	7	20.5	14	37
33	1977-78	7	7	7	26.9	19	49
34	1978-79	7	8	7	22.7	16	28
35	1979-80	7	7	7	28	14	70

Continued on next page

#	Period	Meetings	Speakers	Talks	Avg. Talk Attend.	Min. Talk Attend.	Max. Talk Attend.
36	1980-81	7	7	7	18.1	13	32
37	1981-82	8	19	17	36.8	9	48
38	1982-83	7	7	7	19	16	23
39	1983-84	6	6	6	23	18	33
40	1984-85	8	11	10	24.3	18	30
41	1985-86	6	7	6	30	14	53
42	1986-87	6	6	6	29.2	20	42
43	1987-88	7	7	7	29.5	17	65
44	1988-89	7	7	7	25	16	37
45	1989-90	7	7	7	21.5	12	35
46	1990-91	7	8	7	21.8	10	35
47	1991-92	7	8	7	14.8	11	22
48	1992-93	7	7	7	19	11	46
49	1993-94	7	7	7	20.5	12	45
50	1994-95	6	6	6	20.5	10	35
51	1995-96	7	10	7	20.3	12	29
52	1996-97	8	8	8	14.3	7	17
53	1997-98	7	7	7	18.8	8	30
54	1998-99	7	7	7	17	10	28
55	1999-00	7	7	7	13.2	8	21
56	2000-01	6	7	7	25.5	11	46
57	2001-02	7	8	7	17.7	11	30
58	2002-03	7	7	7	17.8	10	29
59	2003-04	6	6	6	18.5	9	56
60	2004-05	4	5	4	26.5	10	46
61	2005-06	6	8	7	35.6	17	47
62	2006-07	5	7	5	33.2	29	35
63	2007-08	9	10	9	27.6	18	39
64	2009	7	9	9	44.6	23	140
65	2010	5	7	7	26.9	16	36
66	2011	6	6	6	29.8	26	35
67	2012	5	5	5	30	14	47
68	2013	6	7	7	28.3	15	43
69	2014	6	7	7	25	15	52
70	2015	6	6	6	33.5	14	53
71	2016	4	5	5	(33.7)	(16)	(55)
	Summary	492	556	529	26.4	7	200

4 CHAIRMEN & HONORARY SECRETARIES

Complete list of Chairmen and Honorary Secretaries by session. The number in brackets indicates the final time an individual who served multiple times as Chairman or Honorary Secretary served, along with the total number of sessions for which they served in that capacity.

#	Period	Chairman	Honorary Secretary
1	1945-46	J.W. Rodgers	D.J. Desmond
2	1946-47	J.W. Rodgers	D.J. Desmond
3	1947-48	V.E. Gough	D.J. Desmond (3)
4	1948-49	D.J. Desmond	B.J.A. Martin
5	1949-50	J.W. Rodgers (3)	B.J.A. Martin
6	1950-51	W.A. Bennett	B.J.A. Martin (3)
7	1951-52	D.G. Beech	C.H. Leigh-Dugmore
8	1952-53	M. Milbourn	C.H. Leigh-Dugmore (2)
9	1953-54	C.H. Leigh-Dugmore	K. Mannaberg
10	1954-55	B.J.A. Martin	K. Mannaberg (2)
11	1955-56	B.J.A. Martin	W.N. Jessop
12	1956-57	B.J.A. Martin	W.N. Jessop
13	1957-58	B.J.A. Martin (4)	W.N. Jessop (3)
14	1958-59	C.J. Anson	D. Goldberg
15	1959-60	C.H. Leigh-Dugmore	F.I. Musk
16	1960-61	C.H. Leigh-Dugmore (3)	F.I. Musk (2)
17	1961-62	F.I. Musk	J. Luckman
18	1962-63	H.E. Daniels	D.M.G. Wishart
19	1963-64	H.E. Daniels	D.M.G. Wishart (2)
20	1964-65	H.E. Daniels (3)	A.M.Rajput
21	1965-66	Z.A. Lomnicki	A.M.Rajput (2)
22	1966-67	Z.A. Lomnicki (2)	V.D. Barnett
23	1967-68	S. Vadja	V.D. Barnett (2)
24	1968-69	S. Vadja (2)	R.L. Holder
25	1969-70	P.O. Lewis	R.L. Holder (2)
26	1970-71	P.O. Lewis (2)	B.W. Jenney
27	1971-72	D.M.G. Wishart	B.W. Jenney (2)
28	1972-73	D.M.G. Wishart	R. Binns
29	1973-74	D.M.G. Wishart	R. Binns (2)
30	1974-75	D.M.G. Wishart (4)	M.J. Faddy
31	1975-76	E.J. Whyte	M.J. Faddy (2)
32	1976-77	E.J. Whyte (2)	T. Marshall
33	1977-78	H.F. Downton	T. Marshall (2)
34	1978-79	H.F. Downton (2)	P.V. Bertrand
35	1979-80	D.J. Spurrell	P.V. Bertrand

Continued on next page

#	Period	Chairman	Honorary Secretary
36	1980-81	D.J. Spurrell (2)	A.M. Neville
37	1981-82	G.H. Freeman	A.M. Neville
38	1982-83	G.H. Freeman	A.M. Neville (3)
39	1983-84	G.H. Freeman (3)	P.V. Bertrand (3) and L. Bromwich
40	1984-85	J.B. Copas	D.A.L. Wilson
41	1985-86	J.B. Copas (2)	D.A.L. Wilson
42	1986-87	G.R. Braithwaite	D.A.L. Wilson (3)
43	1987-88	G.R. Braithwaite	A.J. Mabbett
44	1988-89	G.R. Braithwaite (3)	A.J. Mabbett
45	1989-90	P.V. Bertrand	C.F. Boyle
46	1990-91	P.V. Bertrand (2)	C.F. Boyle
47	1991-92	D.A.L. Wilson	A.J. Mabbett
48	1992-93	D.A.L. Wilson (2)	A.J. Mabbett (4)
49	1993-94	A.M. Neville	D.F. Goda
50	1994-95	A.M. Neville (2)	D.F. Goda
51	1995-96	T. Marshall	D.F. Goda
52	1996-97	T. Marshall	J. Reeves
53	1997-98	C.F. Boyle	J. Reeves
54	1998-99	C.F. Boyle (2)	D.F. Goda
55	1999-00	D.F. Goda	C.F. Boyle (3)
56	2000-01	D.F. Goda (2)	J. Wilkin
57	2001-02	J. Reeves	J. Wilkin (2)
58	2002-03	J. Reeves (2)	J. Hilliam
59	2003-04	J. Wilkin	J. Reeves (3)
60	2004-05	T. Marshall (3)	D.F. Goda (5)
61	2005-06	A.J. Lawrance	H. Turner
62	2006-07	A.J. Lawrance	H. Turner
63	2007-08	A.J. Lawrance	H. Turner
64	2009	A.J. Lawrance	H. Turner (4)
65	2010	A.J. Lawrance	P.K. Kimani
66	2011	A.J. Lawrance	P.K. Kimani
67	2012	A.J. Lawrance	P.K. Kimani
68	2013	A.J. Lawrance	P.K. Kimani
69	2014	A.J. Lawrance	P.K. Kimani
70	2015	A.J. Lawrance (10)	P.K. Kimani (6)
71	2016	H. Mashhoudy	M. Pollock

5 THE COMMITTEE

Complete alphabetical listing of committee members, showing the year at the start of the session of their first committee service:

- **c** denotes those who have served as Chairman.
- **s** denotes those who have served as Honorary Secretary.

Year		Committee Member	Year		Committee Member
1955	c	C.J. Anson	1949		P.B.R. Gibson
1945		J.A. Bailey	1947		J.A. Gilchrist
1945		W.N. Baker	2006		M. Gilchrist
1964	s	V.D. Barnett	1999	cs	D.F. Goda
2013		M. Barons	1958		L.S. Goddard
2013		G. Battisti	1957	s	D. Goldberg
1948	c	D.G. Beech	1945	c	V.E. Gough
1946	c	W.A. Bennett	1951		A.D. Grace
1957		F. Benson	1959		J. Gregory
1977	s	P.V. Bertrand	1973		P.J. Harrison
1971	s	R. Binns	1945		A.V. Hassell
1999	cs	C. Boyle	2005		E. Heron
1980		G.R. Braithwaite	2014		K. Hey
1947		D.H. Bramley	2000	s	R. Hillam
1982	s	L. Bromwich	1995		K. Hobbs
1980		A.D. Brown	1967	s	R.L. Holder
1964		A.T. Clementson	1957		V.J. Howell
1981	c	J.B. Copas	1969	s	B.W. Jenney
1948		J.R. Cotterill	1953		M.E. Jessop
2011		G. Czanner	1954	s	W.N. Jessop
1958	c	H.E. Daniels	2011		C.P. Jewell
1967		D.A. Darlington	1966		A.M. Johnson
2013		T. Davis	1958		W.W. Jones
2007		J. Deeks	1969		W.F. Kibble
1945	cs	D.J. Desmond	2010	s	P.K. Kimani
1968	c	H.F. Downton	1950		E.A.G. Knowles
1975	s	M.J. Faddy	1988	c	A.J. Lawrance
2003		A. Fielding	1950	cs	C.H. Leigh-Dugmore
1953		D.H. Foxall	1968	c	P.O. Lewis
1979	c	G.H. Freeman	1959	c	Z.A. Lomnicki
1955		R.S. Gander	1945		P.P. Love
1994		D. Gascoigne	1966		S.M. Loxston
1994		M. Gibson	1961	s	J. Luckman

Continued on next page

Year		Committee Member	Year		Committee Member
1984	s	A.J. Mabbett	1951		A.A. Skinner
1952	s	K. Mannaberg	1984		J.Q. Smith
2002		J. Marsh	2006		K. Smith
1975	s	T. Marshall	1974	c	D.J. Spurrell
1947	cs	B.J.A. Martin	1945		H. Standing
2009	c	H. Mashhoudy	2003		M. Steel
1946		D.S. McNaughton	2005	s	H. Turner
1945	c	M. Milbourn	1965	c	S. Vajda
1962		A.J. Miller	1977		B.T. Vaughan
2007		S. Mukherjee	1949		G.P. Wade
1951		J. Murdoch	1947		C. Wainwright
1951	cs	F.I. Musk	1959		G.T. Watson
1980	s	A.M. Nevill	1984		A.P. White
1988		C. Nixon	1960	c	E.J. Whyte
1963		G.M. Overton	1999	cs	J. Wilkin
2011		M. Papathomas	1983	s	D.A.L. Wilson
1978		D.J. Payne	1961	cs	D.M.G. Wishart
1955	s	M.G. Peakman	1970		J.T. Wood
1978		F.T. Pearce	1964		N. Wookey
1945		E.J.B. Pearson	1948		T.A. Yap
2014	s	M. Pollock	1972		K.A. Yeomans
1960		P.E. Pritchard	1958		S.K. Zaremba
1961	s	A.M. Rajput	2009		D. Zhou
1971		S. Ratcliffe			
1962		D.R. Read			
2015		N. Reeve			
1999	cs	J. Reeves			
1945	c	J.W. Rodgers			
2010		J.K. Rogers			
1955		F. Sandon			
1947		A.E. Shaw			
1952		M.A. Simmons			
2015		A. Sitch			

6 ORDINARY MEETINGS

Temporally ordered list of the Ordinary Meetings of the Group. *NR* denotes that no record was taken of the attendance of a meeting. Wherever possible the venues of the meetings have been recorded, although this has not been possible to assure with complete accuracy. Italicised venues accompanied with a question mark indicate that the venue listed is the most likely as suggested by our records.

#	Session	Date (Attendees)	Speaker	Talk Title	Notes
1	1st (1945-46)	26th Sept. 1945 (<i>NR</i>)	B.P. Dudding (General Electric Company)	Statistics in engineering	Held at (<i>Birmingham Chamber of Commerce, New Street, Birmingham (?)</i>).
2	— —	31st Oct. 1945 (53)	A.H.R. Grimsey (Military College of Science)	A new Dodge method of sampling	— —
3	— —	28th Nov. 1945 (39)	D. Newman (National Physical Laboratory)	Sampling	— —
4	— —	30th Jan. 1946 (34)	E.D. van Rest (National Physical Laboratory)	Statistics in the war effort	— —
5	— —	27th Feb. 1946 (35)	W.A. Bennett (English Needle Company)	Impressions of statistics in America	— —
	— —	— —	M. Milbourn (ICI)	— —	— —
6	— —	27th Mar. 1946 (25)	D.J. Desmond (Joseph Lucas Ltd.)	From quality control to analysis of variance	— —
7	— —	24th Apr. 1946 (29)	W.A. Bennett (English Needle Company)	Quality control economics	— —
8	2nd (1946-47)	18th Sept. 1946 (<i>NR</i>)	W.A. Bennett (English Needle Company)	A review of some quality control methods in the USA	— —
9	— —	23rd Oct. 1946 (30)	A.S. Wharton (Philips Lamps Ltd.)	Market research	— —
10	— —	20th Nov. 1946 (22)	M. Milbourn (ICI)	Industrial statistics in America and its development in Britain	— —
11	— —	15th Jan. 1947 (21)	V.E. Gough (Dunlop Rubber Company)	Statistical definitions and their consequences	— —

Continued on next page

#	Session	Date (Attendance)	Speaker	Talk Title	Notes
12	— —	19th Feb. 1947 (20)	B.J.A. Martin (Dunlop Rubber Company)	Regression and correlation	— —
13	— —	19th Mar. 1947 (30)	H.O. Hartley (University College London)	Aspects of statistical computing	— —
14	— —	16th Apr. 1947 (26)	W.J. Jennett (General Electric Company)	Standardisation	— —
15	3rd (1947-48)	1st Oct. 1947 (17)	F.A. Friday	Economics statistics	— —
16	— —	5th Nov. 1947 (15)	L.T. Wilkins (Social Survey)	Methods of forecasting and preventing accidents	— —
17	— —	4th Dec. 1947 (21)	E.T. Norris	Guarantees of performance	— —
18	— —	4th Feb. 1948 (34)	K.A. Brownlee	The design of experiments with special reference to the chemical industry	— —
19	— —	3rd Mar. 1948 (18)	A.E. Shaw (English Needle Company)	A statistical case book	— —
20	— —	7th Apr. 1948 (25)	D.G. Beech (Ceramic Research Association)	Statistics applied to pottery problems	— —
21	— —	5th May 1948 (21)	E.D. van Rest (National Physical Laboratory)	Probability and its use to the experimenter	— —
22	4th (1948-49)	24th Sept. 1948 (15)	D.J. Desmond (Joseph Lucas Ltd.)	The accuracy of automatic lathes	— —
23	— —	29th Oct. 1948 (22)	C. Wainwright (Bakelite Ltd.)	Statistical principles in quality specifications for plastics	— —
24	— —	26th Nov. 1948 (13)	P. Lyle (Tate and Lyle Ltd.)	Factorial regression designs	— —
25	— —	28th Jan. 1949 (35)	T.U. Matthew (University of Birmingham)	What the engineer requires of statistics	— —
26	— —	25th Feb. 1949 (30)	A.W. Swan (United Steel, Sheffield)	Operational research	— —
27	— —	25th Mar. 1949 (28)	O.L. Davies (ICI Dyestuffs Division)	Application of the planned experiment	— —
28	— —	29th Apr. 1949 (24)	E.D. van Rest (National Physical Laboratory)	Sequential sampling	— —
29	5th (1949-50)	30th Sept. 1949 (25)	J.W. Rodgers (ICI)	Statistics as an aid to productivity	— —

Continued on next page

#	Session	Date (Attendance)	Speaker	Talk Title	Notes
30	— —	26th Oct. 1949 (31)	A.S. Wharton (Philips Lamps Ltd.)	The setting up of a statistical department	— —
31	— —	23rd Nov. 1949 (37)	T.U. Matthew (University of Birmingham)	The extension of statistical methods in production engineering	— —
32	— —	25th Jan. 1950 (35)	W.A. Bennett (Needle Industries Ltd.)	Statistical quality control applications	— —
33	— —	22nd Feb. 1950 (36)	D.J. Desmond (University of Birmingham)	Specifications and tolerances	— —
34	— —	22nd Mar. 1950 (22)	D.G. Beech (Ceramic Research Association)	Graphs and correlations	— —
35	— —	3rd May 1950 (16)	[Debate]	An industrial statistics section is best located in a research department	Debate. Held at (<i>Birmingham Chamber of Commerce, New Street, Birmingham (?)</i>).
36	6th (1950-51)	27th Sept. 1950 (10)	W.A. Bennett (Needle Industries Ltd.)	Statistical indices	Held at (<i>Birmingham Chamber of Commerce, New Street, Birmingham (?)</i>).
37	— —	25th Oct. 1950 (27)	J.E. Keen (General Electric Company)	Statistics and the craftsman	— —
38	— —	22nd Nov. 1950 (28)	L. Hogben (University of Birmingham)	Codification of hospital records	— —
39	— —	13th Dec. 1950 (140)	L.H.C. Tippett	Statistics and production engineering	Joint meeting with the Institute of Production Engineers, chaired by Prof. Matthew. Held at Grand Hotel, Birmingham.
40	— —	28th Feb. 1951 (21)	V.E. Gough (Dunlop Rubber Company)	The interpretation of inter-process variability for basically different products	Held at (<i>Birmingham Chamber of Commerce, New Street, Birmingham (?)</i>).
41	— —	21st Mar. 1951 (15)	S. Brand	The use of punched card equipment for statistical analysis	— —
42	— —	10th Apr. 1951 (100)	P. Lyle (Tate and Lyle Ltd.)	The value of statistical methods of control	Joint meeting with the Institution of Water Managers, chaired by Mr. Baxter (IWM). Held at Grand Hotel, Birmingham.

Continued on next page

#	Session	Date (Attendance)	Speaker	Talk Title	Notes
43	— —	2nd May 1951 (16)	[Open Discussion]	The rejection of abnormal experimental results	Open Discussion. Held at (<i>Birmingham Chamber of Commerce, New Street, Birmingham (?)</i>).
44	7th (1951-52)	26th Sept. 1951 (24)	D.G. Beech (Ceramic Research Association)	The precision of statistical tests	Held at (<i>Birmingham Chamber of Commerce, New Street, Birmingham (?)</i>).
45	— —	24th Oct. 1951 (22)	E.A.G. Knowles (University of Birmingham)	Statistics in trouble shooting	— —
46	— —	28th Nov. 1951 (17)	S.N. Collings (National Coal Board)	A comparison of different methods of inspection	— —
47	— —	2nd Jan. 1952 (23)	D.J. Desmond (University of Birmingham)	The statistical approach to time study	— —
48	— —	30th Jan. 1952 (47)	M.G. Peakman (Dunlop Rubber Company)	Problems of quality control in a rubber factory	— —
49	— —	27th Feb. 1952 (31)	H.O. Hartley (University College London)	Short-cut analysis of variance based on range	— —
50	— —	26th Mar. 1952 (29)	J. Murdoch (English Electric Company)	Congestion problems in industry	— —
51	8th (1952-53)	24th Sept. 1952 (24)	M. Milbourn (ICI Metals Division)	Designed experiments and their relationship with statistical quality control	— —
52	— —	29th Oct. 1952 (26)	B.J.A. Martin (Dunlop Rubber Company)	Statistical quality control in a laboratory	— —
53	— —	26th Nov. 1952 (27)	J. Murdoch (English Electric Company)	Analysis and cost of labour turnover	— —
54	— —	7th Jan. 1953 (80)	M.J. Moroney (Leicester College of Technology and Commerce)	Everyday uses of probability	— —
55	— —	28th Jan. 1953 (22)	A.D. Grace (GKN)	Sources of variation in a transformer sheet mill	— —
56	— —	25th Feb. 1953 (35)	O.L. Davies (ICI)	Elimination of trends	— —
57	— —	25th Mar. 1953 (43)	M.G. Kendall (London School of Economics)	Ranking methods	— —

Continued on next page

#	Session	Date (Attendance)	Speaker	Talk Title	Notes
58	— —	29th Apr. 1953 (24)	V.E. Gough (Dunlop Rubber Company)	Statistical quality control and the analysis of variance	— —
59	9th (1953-54)	7th Oct. 1953 (23)	C.H. Leigh-Dugmore (Dunlop Rubber Company)	Shorter methods of analysis	— —
60	— —	4th Nov. 1953 (20)	S.W. Nixon (Productivity Council report on the USA)	Inspection in industry	— —
	— —	— —	E.D. van Rest (Productivity Council report on the USA)	— —	— —
	— —	— —	A. Hewards (Productivity Council report on the USA)	— —	— —
61	— —	26th Nov. 1953 (NR)	B.P. Dudding	Training the statistician for the needs of the industry	— —
	— —	— —	M.J. Moroney	— —	— —
62	— —	9th Dec. 1953 (17)	F. Sandon (Education Department, Birmingham)	A regression control chart in personnel selection	— —
63	— —	6th Jan. 1954 (18)	D.H.S. Rees (Rothamsted Experimental Station)	Amount of experimentation	— —
64	— —	3rd Feb. 1954 (14)	L.T. Wilkins (Home Office)	Constructing criminological prediction tables	— —
65	— —	3rd Mar. 1954 (18)	G.H. Jowett (University of Sheffield)	New light on the analysis of industrial time series	— —
66	— —	7th Mar. 1954 (23)	D.J. Desmond (Industrial Engineering Consultant)	Weights and measures	— —

Continued on next page

#	Session	Date (Attendance)	Speaker	Talk Title	Notes
67	10th (1954-55)	6th Oct. 1954 (41)	L.H.C. Tippett (British Cotton Industry Research Association)	Studies of productivity in the cotton industry	— —
68	— —	20th Oct. 1954 (29)	T. Emmerson (GKN)	Operational research methods at GKN	Joint meeting with Industrial Application Section. Held at (<i>Birmingham Chamber of Commerce, New Street, Birmingham (?)</i>).
69	— —	3rd Nov. 1954 (44)	P.M.S. Blackett (Imperial College, London)	Operational research during the war	Held at (<i>Birmingham Chamber of Commerce, New Street, Birmingham (?)</i>).
70	— —	1st Dec. 1954 (26)	R.C. Curnow (Courtaulds Ltd.)	Simpler design of experiment	— —
71	— —	5th Jan. 1955 (20)	A.S. Beer (Samuel Fox and Company Ltd.)	Plant loading and utilisation in job production	— —
72	— —	2nd Feb. 1955 (44)	M.J. Moroney (Unilever)	Easy profitable applications of statistics in industry	— —
73	— —	2nd Mar. 1955 (23)	R. Padley (Chief Statistics Officer, Birmingham)	Some local statistics	— —
74	— —	6th Apr. 1955 (16)	B.J.A. Martin (Dunlop Rubber Company)	What an industrial applications group should talk about	— —
75	11th (1955-56)	5th Oct. 1955 (25)	G.W. Scott Blair	The use of factor analysis in industrial physics	Held at (<i>Birmingham Exchange, Stephenson Place, Birmingham (?)</i>).
76	— —	26th Oct. 1955 (15)	J.E. Andrew	A method of labour turnover analysis	— —
	— —	— —	K.F. Lane	— —	— —
77	— —	30th Nov. 1955 (42)	K.D. Tocher	The role of computers in statistics	— —
78	— —	4th Jan. 1956 (18)	J.R.N. Stone (University of Cambridge)	Seasonal variation in time series	— —
79	— —	1st Feb. 1956 (24)	T.E. Easterfield	Problems of optimal production run	— —
80	— —	7th Mar. 1956 (26)	G.E.P. Box (ICI Dyestuffs Division)	Statistical tests: do the assumptions matter?	— —

Continued on next page

#	Session	Date (Attendance)	Speaker	Talk Title	Notes
81	— —	4th Apr. 1956 (19)	C.H. Leigh-Dugmore (Dunlop Rubber Company)	A short review of some new techniques	— —
82	— —	9th May 1956 (200)	H.C. Hamaker (Philips, Eindhoven)	Experimental design in action	One day conference: Statistical Methods and Industrial Experiments. Held at Birmingham College of Technology.
83	— —	— —	W.D. Ewan (British Nylon Spinners)	Experiments in the nylon stocking industry	— —
84	— —	— —	G.E.P. Box (ICI Dyestuffs Division)	Statistical methods as an aid to technical developments	— —
85	— —	— —	N.L. Franklin (UK Atomic Energy Authority)	Optimum conditions in a chemical synthesis	— —
86	12th (1956-57)	3rd Oct. 1956 (31)	D.G. Kendall (University of Oxford)	The theory of dams	Held at (<i>Birmingham Exchange, Stephenson Place, Birmingham (?)</i>).
87	— —	7th Nov. 1956 (23)	E.A.G. Knowles (Ferodo Ltd.)	Difficulties occurring in the interpretation of the analysis of variance	— —
88	— —	5th Dec. 1956 (26)	F. Benson (University of Birmingham)	Some practical examples of linear programming	— —
89	— —	11th Jan. 1957 (22)	G.A. Barnard (Imperial College, London)	A flexible system of sampling inspection	— —
90	— —	6th Feb. 1957 (25)	W.A. Belson (BBC)	Statistical aspects of an investigation of the effects of television	— —
91	— —	6th Mar. 1957 (17)	S.V. Cunliffe (Arthur Guinness, Son and Company)	Statistics in brewing	— —
92	— —	3rd Apr. 1957 (20)	F.I. Musk (Courtaulds Ltd.)	Systems of stock control	— —

Continued on next page

#	Session	Date (Attendance)	Speaker	Talk Title	Notes
93	— —	15th May 1957 (NR)	J. Harling (Orbit Ltd.)	An introduction to stock control problems	One day conference: Statistics and Stock Control. Held at Birmingham College of Technology.
94	— —	— —	A.M. Lee (British European Airways)	Statistical models of stock control systems	— —
95	— —	— —	R.R.P. Jackson (ICI Central Work Study Department)	Probability and stock control	— —
96	— —	— —	A.F. Schaafsma (Philips, Eindhoven)	Stocks of semi-finished goods	— —
97	13th (1957-58)	2nd Oct. 1957 (17)	R.H.S. Lesser (Philips Electrical Industries)	A sampling inspection scheme and its consequences	Held at (<i>Birmingham Exchange, Stephenson Place, Birmingham (?)</i>).
98	— —	30th Oct. 1957 (27)	J. Harling (Orbit Ltd.)	Simulation methods	— —
99	— —	4th Dec. 1957 (18)	S.K. Zaremba (Boulton Paul Aircraft Ltd.)	Estimation problems in stochastic processes	Replacing Mr. D.V. Lindley. Held at (<i>Birmingham Exchange, Stephenson Place, Birmingham (?)</i>).
100	— —	8th Jan. 1958 (19)	G.A. Coutie (ICI Dyestuffs Division)	Non-linear estimation	Held at (<i>Birmingham Exchange, Stephenson Place, Birmingham (?)</i>).
101	— —	5th Feb. 1958 (30)	M.G. Kendall (London School of Economics)	Ranks and variate values	— —
102	— —	5th Mar. 1958 (16)	L.S. Goddard (London Transport)	Random walk problems	— —
103	— —	19th Mar. 1958 (NR)	L.H.C. Tippett	Comparison of industrial efficiency	— —
	— —	— —	J.C. Pritchard	— —	— —
104	— —	2nd Apr. 1958 (14)	D.R. Cox (Birkbeck College, London)	The planning of experiments	— —

Continued on next page

#	Session	Date (Attendance)	Speaker	Talk Title	Notes
105	— —	7th May 1958 (NR)	E.D. van Rest (Ministry of Supply)	A survey of sampling for management	One day conference: Statistical Sampling in Industry. Held at Birmingham College of Technology.
106	— —	— —	R.H.S. Lesser (Philips Electrical Industries)	Statistical sampling in the control of quality	— —
107	— —	— —	F.S. Campbell (ICI Metals Division)	Work sampling	— —
108	— —	— —	H.C. MacKenzie (University of Bristol)	Statistical sampling in accountancy	— —
109	14th (1958-59)	1st Oct. 1958 (15)	E.S. Page (Durham University)	Pseudo-random elements for computers	Held at (<i>Birmingham Exchange, Stephenson Place, Birmingham (?)</i>).
110	— —	5th Nov. 1958 (14)	A.H. Land (London School of Economics)	New developments in linear programming	— —
111	— —	3rd Dec. 1958 (13)	D.V. Lindley (University of Cambridge)	Statistical inference	— —
112	— —	7th Jan. 1959 (28)	M.J. Moroney (Unilever)	Statistical quodlibet	— —
113	— —	4th Feb. 1959 (17)	H.E. Daniels (University of Birmingham)	How long will a whale keep?	— —
114	— —	4th Mar. 1959 (13)	P.J. Stanley (Sundridge Park Management Centre)	Management's search for the next improvement	— —
115	— —	1st Apr. 1959 (13)	C.J. Anson (Birmingham College of Technology)	A catechism for quality control	— —
116	15th (1959-60)	7th Oct. 1959 (27)	R.F. Newby (Road Research Laboratory)	Accidents and road layout	— —
117	— —	4th Nov. 1959 (19)	D.M.G. Wishart (University of Birmingham)	Augmentation techniques in the theory of queues	— —
118	— —	2nd Dec. 1959 (13)	P.N. Wallis (P.N. Wallis and Company)	Statistical methods in auditing	— —
119	— —	6th Jan. 1960 (19)	H.C. Hamaker (Philips Eindhoven)	Selling statistics to industry	— —
120	— —	3rd Feb. 1960 (22)	K.W. Kemp (British Nylon Spinners)	Sequential inspection	— —
121	— —	2nd Mar. 1960 (28)	K.D. Tocher (United Steel, Sheffield)	Operational research in industry	— —

Continued on next page

#	Session	Date (Attendance)	Speaker	Talk Title	Notes
122	— —	6th Apr. 1960 (13)	D.H.S. Rees (Rothamsted Experimental Station)	Routine analysis of data on a computer	— —
123	— —	18th May 1960 (NR)	M.G. Simpson (Touche, Ross, Bailey and Stuart)	An introduction to dynamic programming	One day conference: Dynamic Programming. Held at Birmingham College of Technology.
124	— —	— —	S. Vajda (Admiralty Research Laboratory)	Some applications of dynamic programming I	— —
125	— —	— —	G. Morton (London School of Economics)	Some applications of dynamic programming	— —
126	— —	— —	D.V. Lindley (University of Cambridge)	Dynamic programming and decision theory	One day conference: Replacement of Capital and Component Items. Held at Birmingham College of Technology.
127	16th (1960-61)	4th Oct. 1960 (11)	E.H. Lloyd (Imperial College, London)	Estimation of extremes	Held at (<i>Birmingham Exchange, Stephenson Place, Birmingham (?)</i>).
128	— —	20th Oct. 1960 (17)	D.M. Lee (London Institute of Education)	Some aspects of educational statistics	— —
129	— —	9th Nov. 1960 (NR)	P. Fiskin (ICI Metals Division)	Statistics and work measurement	— —
130	— —	21st Nov. 1960 (14)	C.A. Moser (London School of Economics)	Public opinion polls	— —
131	— —	6th Dec. 1960 (11)	J. Taylor (Unilever)	The analysis of censored data	— —
132	— —	3rd Jan. 1961 (13)	A.M. Lee (British European Airways)	Statistical problems in organising a direct selling service, or how to misapply queuing theory	— —
133	— —	6th Feb. 1961 (20)	J.C. Tanner (Road Research Laboratory)	Some problems in road accident research	— —
134	— —	23rd Feb. 1961 (8)	W.A. Belson (London School of Economics)	Research methods in the social sciences	— —
135	— —	23rd Mar. 1961 (16)	M.S. Bartlett (Manchester University)	Time series and prediction	— —
136	— —	25th Apr. 1961 (14)	F. Benson (University of Birmingham)	Closed queues	— —
137	17th (1961-62)	12th Oct. 1961 (23)	C. Cherry (Imperial College, London)	Information theory	— —

Continued on next page

#	Session	Date (Attendance)	Speaker	Talk Title	Notes
138	— —	9th Nov. 1961 (28)	D.R. Cox (Birkbeck College, London)	Prediction	— —
139	— —	14th Dec. 1961 (17)	G.M. Jenkins (Imperial College, London)	Evolutionary operation	— —
140	— —	11th Jan. 1962 (23)	P. Armitage (MRC Statistical Research Unit)	Statistical experimentation in clinical medicine	— —
141	— —	8th Feb. 1962 (12)	L.T. Wilkins (Home Office)	A science of management?	— —
142	— —	8th Mar. 1962 (30)	R.L. Ackoff (University of Birmingham)	Quality control of policy	— —
143	— —	12th Apr. 1962 (8)	J.A. Nelder (National Vegetable Research Station)	An analysis of plant growth	— —
144	18th (1962-63)	4th Oct. 1962 (15)	D.R. Read (Cadbury Brothers Ltd.)	Acceptance sampling plans for continuous production	Held at (<i>Engineering and Building Centre, Broad Street, Birmingham (?)</i>).
	— —	— —	D.W. Beattie (Cadbury Brothers Ltd.)	— —	— —
145	— —	1st Nov. 1962 (NR)	R.C. Tomlinson (National Coal Board)	A case study in the stock control of engineering spares	— —
146	— —	6th Dec. 1962 (NR)	C.A.B. Smith (University College London)	Human genetics	— —
147	— —	3rd Jan. 1963 (NR)	A. Young (University of Liverpool)	Recruitment and promotion in expanding organisations	— —
148	— —	7th Feb. 1963 (NR)	S.K. Zaremba (University College, Swansea)	Monte Carlo methods and random numbers	— —
149	— —	7th Mar. 1963 (NR)	Z.A. Lomnicki (Boulton Paul Aircraft Ltd.)	Reliability and life testing	— —
150	— —	4th Apr. 1963 (NR)	B.H.P. Rivett (Arthur Andersen and Company)	Patterns for success and failure in operational research	— —
151	19th (1963-64)	3rd Oct. 1963 (NR)	A.J. Miller (University of Birmingham)	Fixed cycle traffic lights	Held at (<i>Chamber of Commerce, Harborne Road, Birmingham (?)</i>).

Continued on next page

#	Session	Date (Attendance)	Speaker	Talk Title	Notes
152	— —	7th Nov. 1963 (NR)	G.A. Barnard (Imperial College, London)	Statistical theory and international peace	— —
153	— —	5th Dec. 1963 (NR)	M.C. Pike (MRC Statistical Research Unit)	Waiting in out-patient departments	— —
154	— —	9th Jan. 1964 (NR)	D.R. Read (Cadbury Brothers Ltd.)	Comparative assessment of taste quality in the confectionary industry	— —
155	— —	6th Feb. 1964 (NR)	A.A. Walters (University of Birmingham)	The demand for money in the United Kingdom from 1870-1962	— —
156	— —	5th Mar. 1964 (NR)	S. Vajda (Admiralty Research Laboratory)	The theory of graphs and its applications	— —
157	— —	2nd Apr. 1964 (NR)	P.A Daisley (Metal Box Company Ltd.)	The teaching of statistics in industry	— —
158	20th (1964-65)	1st Oct. 1964 (NR)	J.A.H. Waterhouse (University of Birmingham)	Recording and analysis of medical data by punch card and computer	Held at (<i>Primarily University of Birmingham / Aston University / occasionally Coventry Polytechnic / University of Warwick</i>).
159	— —	5th Nov. 1964 (NR)	H.E. Daniels (University of Birmingham)	The teaching of statistics outside industry	— —
	— —	— —	A.M. Rajput (Birmingham College of Advanced Technology)	— —	— —
	— —	— —	N.A. Rahman (University of Leicester)	— —	— —
160	— —	3rd Dec. 1964 (NR)	D.M. Ellis (British Nylon Spinners)	Cumulative sum charts	— —
161	— —	7th Jan. 1965 (NR)	D.H. Ward (Unilever)	Sales forecasting: are we too sophisticated?	— —
162	— —	4th Feb. 1965 (NR)	J. Aitchison (University of Liverpool)	Statistical problems in hospital engineering	— —
163	— —	10th Mar. 1965 (NR)	F.I. Musk (Courtaulds Ltd.)	Generalised computer techniques for operational research	— —
164	— —	1st Apr. 1965 (NR)	D.R. Read (Cadbury Brothers Ltd.)	Statistical sampling for weights and measures procedures	— —
165	21st (1965-66)	7th Oct. 1965 (NR)	V. Jackson (University of Birmingham)	An exercise in data processing	— —

Continued on next page

#	Session	Date (Attendance)	Speaker	Talk Title	Notes
166	— —	4th Nov. 1965 (NR)	A. Baines (ICI)	The influence of electronic computing on the design and analysis of experiments	— —
167	— —	2nd Dec. 1965 (NR)	T. Lewis (University College London)	Statistical aspects of university selection	— —
168	— —	6th Jan. 1966 (NR)	N.L. Webb (Attwood Statistics Ltd.)	Television audience research	— —
169	— —	3rd Feb. 1966 (NR)	R.N. Curnow (University of Reading)	The theory of group screening methods	— —
170	— —	3rd Mar. 1966 (NR)	V.R. Cane (University of Cambridge)	The psychology of vision	— —
171	— —	7th Apr. 1966 (NR)	H.F. Downton (University of Leicester)	Some statistical aspects of reliability	— —
172	22nd (1966-67)	6th Oct. 1966 (15)	J. Hajnal (London School of Economics)	Probability, statistics and demography	— —
173	— —	11th Nov. 1966 (70)	A. Muir (Business Operations Research Ltd.)	Buying: a bastion for empiricism?	— —
174	— —	1st Dec. 1966 (18)	R. Woodman (University of Birmingham)	Replacement theory for planned maintenance	— —
175	— —	5th Jan. 1967 (67)	E.S. Pearson (University College London)	Some comments on the development of ideas in the history of statistics	— —
176	— —	2nd Feb. 1967 (18)	J. Gani (University of Sheffield)	Stochastic models in virology	— —
177	— —	2nd Mar. 1967 (13)	D.J. Newell (Newcastle University)	Pain in the neck	— —
178	— —	6th Apr. 1967 (17)	H.F. Ross (University of Birmingham)	Noise in the nervous system	— —
179	23rd (1967-68)	5th Oct. 1967 (18)	P. Levy (University of Birmingham)	Psychological uses of mathematical space	— —
180	— —	2nd Nov. 1967 (27)	C.W.J. Granger (University of Nottingham)	Analysis of stock market price series	— —
181	— —	7th Dec. 1967 (48)	P. Whittle (University of Cambridge)	Some problems in mathematical programming	— —
182	— —	11th Jan. 1968 (NR)	D.R. Cox (Imperial College, London)	The theory of replacement	One day conference: Replacement of Capital and Component Items. Held at University of Birmingham.

Continued on next page

#	Session	Date (Attendance)	Speaker	Talk Title	Notes
183	— —	— —	R. Woodman (British Shoe Corporation)	Replacement rules for single- and multiple-component equipment	— —
184	— —	— —	S. Eilon (Imperial College, London)	A study in equipment replacement	— —
185	— —	— —	M. Hall (London School of Economics)	The replacement of manpower	— —
186	— —	— —	N.A.J. Hastings (Royal Military College of Science)	The control limit method for repair / replacement decisions	Two day workshop: Spatial Analysis of Census Data. Held at University of Birmingham.
187	— —	1st Feb. 1968 (21)	H.E. Daniels (University of Birmingham)	The accelerating ultra-centrifuge	Jointly with the IMA. Held at (<i>Primarily University of Birmingham / Aston University / occasionally Coventry Polytechnic / University of Warwick</i>).
188	— —	7th Mar. 1968 (19)	A.H. Gould (Ministry of Defence)	Fat thickness: an anthropological measure	Held at (<i>Primarily University of Birmingham / Aston University / occasionally Coventry Polytechnic / University of Warwick</i>).
189	— —	4th Apr. 1968 (22)	K.D. Tocher (United Steel, Sheffield and Lancaster University)	The use of experimental design in simulation	— —
190	24th (1968-69)	3rd Oct. 1968 (20)	W.Z. Billewicz (Newcastle University)	An index for clinical diagnosis of hypothyroidism	— —
191	— —	7th Nov. 1968 (62)	C.A.B. Smith (University College London)	Games and conflicts	— —
192	— —	5th Dec. 1968 (43)	L.H.C. Tippett	A survey of quality control	— —
193	— —	2nd Jan. 1969 (29)	J.A. Nelder (Rothamsted Experimental Station)	Structure descriptions for statistical data	— —
194	— —	6th Feb. 1969 (31)	G. Weiss (Imperial College, London)	On deterministic and stochastic models for chemical reactions	— —

Continued on next page

#	Session	Date (Attendance)	Speaker	Talk Title	Notes
195	— —	6th Mar. 1969 (33)	M.B. Priestley (UMIST)	Parameter-adaptive stochastic control systems	— —
196	— —	3rd Apr. 1969 (25)	O.L. Davies (University College, Aberystwyth)	The scheduling of pharmaceutical products	— —
197	25th (1969-70)	2nd Oct. 1969 (47)	D.J. Spurrell (GKN)	Using multiple regression in industrial problems	— —
	— —	— —	R.G. Newton (British Glass Research Association)	— —	— —
198	— —	6th Nov. 1969 (48)	J.M. Craddock (Meteorological Office)	Some meteorological applications of principal component analysis	— —
199	— —	4th Dec. 1969 (34)	R.J. Smeed (University College London)	Road accident statistics	— —
200	— —	8th Jan. 1970 (42)	D.J. Bartholomew (Kent University)	Statistical techniques of manpower planning	— —
201	— —	5th Feb. 1970 (59)	E. Jowett (British Steel Corporation)	Simulating a steel plant	Jointly with MORS. Held at (<i>Primarily University of Birmingham / Aston University / occasionally Coventry Polytechnic / University of Warwick</i>).
202	— —	5th Mar. 1970 (19)	J.F.C. Kingman (University of Oxford)	Inequalities in applied probability	Jointly with the IMA. Held at (<i>Primarily University of Birmingham / Aston University / occasionally Coventry Polytechnic / University of Warwick</i>).
203	— —	2nd Apr. 1970 (42)	D.R. Cox (Imperial College, London)	The analysis of binary data	Held at (<i>Primarily University of Birmingham / Aston University / occasionally Coventry Polytechnic / University of Warwick</i>).

Continued on next page

#	Session	Date (Attendance)	Speaker	Talk Title	Notes
204	26th (1970-71)	1st Oct. 1970 (37)	T.W. Johnston (Rolls-Royce)	The statistical analysis of failures in mechanical components	— —
	— —	— —	R. Thompson (Rolls-Royce)	— —	— —
205	— —	12th Nov. 1970 (25)	G.H. Freeman (National Vegetable Research Station)	Some problems of wild life in East Africa	— —
206	— —	3rd Dec. 1970 (50)	G.A. Barnard (Essex University)	Mathematics and our social problems	Jointly with the IMA. Held at (<i>Primarily University of Birmingham / Aston University / occasionally Coventry Polytechnic / University of Warwick</i>).
207	— —	7th Jan. 1971 (34)	J.R. Ashford (Exeter University)	Smoking and health: some further evidence	Held at (<i>Primarily University of Birmingham / Aston University / occasionally Coventry Polytechnic / University of Warwick</i>).
208	— —	4th Feb. 1971 (45)	C.A. Moser (Central Statistical Office)	Some new developments and problems in government statistics	— —
209	— —	4th Mar. 1971 (26)	E.F. Mellen (Plessey Company Ltd.)	A review of the use of statistics and operational research in the gas industry	— —
210	— —	1st Apr. 1971 (17)	T.O.M. Kronsjö (University of Birmingham)	Conflicts, co-operation, computers	— —
211	— —	6th May 1971 (12)	P.O. Lewis (WMGB)	The level of reserve plant to cover random failure	— —
212	— —	— —	B.W. Jenney (University of Birmingham)	Economic sampling plans	— —
213	27th (1971-72)	7th Oct. 1971 (37)	B.E. Cooper (ICL-Dataskil Ltd.)	The use of the computer in statistics	— —
214	— —	4th Nov. 1971 (32)	K.B. Haley (University of Birmingham)	Solving problems without data	— —

Continued on next page

#	Session	Date (Attendance)	Speaker	Talk Title	Notes
215	— —	2nd Dec. 1971 (38)	V.D. Barnett (Newcastle University)	Life testing: a simple Bayesian approach	— —
216	— —	6th Jan. 1972 (41)	J.N.R. Jeffers (The Nature Conservatory)	The use of mathematical models in ecology	— —
217	— —	3rd Feb. 1972 (26)	A.D.J. Flowerdew (London School of Economics)	The siting of the third London airport	— —
218	— —	2nd Mar. 1972 (26)	M.C. Pike (University of Oxford)	Epidemics of cancer? Studies in acute leukaemia and Burkitt's lymphoma	— —
219	— —	13th Apr. 1972 (17)	M.C. Fessey (Business Statistics Office)	Census of production 1970: the post-census survey, a new experiment	— —
220	28th (1972-73)	5th Oct. 1972 (20)	D.E. Lloyd (Royal Aircraft Establishment)	Aircraft collision risks and separation standards	— —
221	— —	2nd Nov. 1972 (30)	P. Armitage (London School of Hygiene and Tropical Medicine)	Cross-over designs in clinical trials	— —
222	— —	7th Dec. 1972 (27)	G.N. Wilkinson (Rothamsted Experimental Station)	Recursive analysis of variance and its implementation in GENSTAT	— —
223	— —	4th Jan. 1973 (58)	D.V. Lindley (University College London)	Counter examples in statistics	— —
224	— —	1st Feb. 1973 (21)	J.B. Ramsey (University of Birmingham)	Non-linear estimation and specification error problems: some asymptotic results	— —
225	— —	1st Mar. 1973 (19)	E.G. Knox (University of Birmingham)	The use of simulation procedures in medical policy problems	— —
226	— —	5th Apr. 1973 (30)	P.J. Harrison (University of Warwick)	Models: understanding, forecasting and influencing	— —
227	29th (1973-74)	4th Oct. 1973 (20)	K.D. Tocher (British Steel Corporation)	Economic models and their impact on computer languages	— —

Continued on next page

#	Session	Date (Attendance)	Speaker	Talk Title	Notes
228	— —	1st Nov. 1973 (37)	P.W. Sand (Consumers Association)	Statistical aspects of comparative testing	— —
229	— —	6th Dec. 1973 (40)	A.W.F. Edwards (University of Cambridge)	Inference	— —
230	— —	7th Jan. 1974 (15)	F.G. Pyatt (University of Warwick)	Development planning	— —
231	— —	7th Mar. 1974 (34)	J. Durbin (London School of Economics)	Tests of model specification	— —
232	— —	4th Apr. 1974 (21)	M. Hills (British Museum (Natural History))	Biometrics in the British Museum	— —
233	— —	9th May 1974 (18)	S. Vajda (University of Sussex)	The self-contained building society	— —
234	30th (1974-75)	3rd Oct. 1974 (33)	R.L. Plackett (Newcastle University)	The teaching of statistics in universities	— —
235	— —	7th Nov. 1974 (14)	I. Sutherland (MRC Statistical Research and Services Unit)	The epidemiology of tuberculosis	— —
236	— —	5th Dec. 1974 (25)	P.G. Hill (Ministry of Defence)	Defence and the economy	Jointly with the IMA. Held at (<i>Primarily University of Birmingham / Aston University / occasionally Coventry Polytechnic / University of Warwick</i>).
237	— —	9th Jan. 1975 (29)	W.T. Truscott (Associated Engineering Group)	Statistical applications in industry	Held at (<i>Primarily University of Birmingham / Aston University / occasionally Coventry Polytechnic / University of Warwick</i>).
238	— —	6th Feb. 1975 (25)	H.W. Symons (Birds Eye Foods Ltd.)	Food legislation and statistics: strange bedfellows?	— —
239	— —	6th Mar. 1975 (32)	J.E. Keen (Formerly G.E.C. Hirst Research Laboratories)	The teaching of statistics in schools and technical colleges	— —
240	— —	3rd Apr. 1975 (20)	T.B. Tate (Production and Financial Systems)	Sales forecasting: adaptive filtering and some systems problems	— —

Continued on next page

#	Session	Date (Attendance)	Speaker	Talk Title	Notes
241	31st (1975-76)	2nd Oct. 1975 (27)	R.A. Newland (Electoral Reform Society)	Electoral methods: the effectiveness of choice	— —
242	— —	6th Nov. 1975 (48)	P. Shephard (Smith, Keen and Barnett Stock Brokers)	Stock market analysis	Jointly with the IMA. Held at (<i>Primarily University of Birmingham / Aston University / occasionally Coventry Polytechnic / University of Warwick</i>).
243	— —	4th Dec. 1975 (33)	D.G.W. Brown (Allied Breweries Ltd.)	Statistical problems in the brewing industry	Held at (<i>Primarily University of Birmingham / Aston University / occasionally Coventry Polytechnic / University of Warwick</i>).
244	— —	8th Jan. 1976 (22)	J.R. Sexton (Severn-Trent Water Authority)	Statistics and water resources	— —
245	— —	5th Feb. 1976 (24)	A.T. Clementson (University of Birmingham)	Simulation the easy way	— —
246	— —	4th Mar. 1976 (23)	I.M. Puzey (Ford Motor Company)	Applied statistics in the motor industry	— —
247	— —	1st Apr. 1976 (15)	P.V. Bertrand (University of Birmingham)	Statistical problems associated with the treatment of anovulation with gonadotropins	— —
248	32nd (1976-77)	14th Oct. 1976 (22)	A.S.C. Ehrenberg (London Business School)	A stochastic model of choice	— —
249	— —	4th Nov. 1976 (37)	P.R.J. Burch (University of Leeds)	Smoking and cancer	Jointly with the IMA. Held at (<i>Primarily University of Birmingham / Aston University / occasionally Coventry Polytechnic / University of Warwick</i>).
250	— —	2nd Dec. 1976 (18)	W.G. Gilchrist (Sheffield Polytechnic)	Statistics revisited	Held at (<i>Primarily University of Birmingham / Aston University / occasionally Coventry Polytechnic / University of Warwick</i>).

Continued on next page

#	Session	Date (Attendance)	Speaker	Talk Title	Notes
251	— —	6th Jan. 1977 (14)	D. Hewitt (Department of Industry)	Statistics of the motor vehicle industry	— —
252	— —	3rd Feb. 1977 (17)	K.B. Haley (University of Birmingham)	Recording and analysis in general practice	— —
253	— —	3rd Mar. 1977 (15)	R.W.S. Pryke (University of Liverpool)	The efficiency of nationalised industries	— —
254	— —	6th Apr. 1977 (NR)	L.J. Eaves (University of Birmingham)	Ordinary meeting of the RSS: Problems in making inferences about the causes of human variation	Ordinary meeting of the RSS. Held at (<i>Primarily University of Birmingham / Aston University / occasionally Coventry Polytechnic / University of Warwick</i>).
255	33rd (1977-78)	6th Oct. 1977 (21)	P. Holmes (University of Sheffield)	Statistics before O-level: what, why and how?	Held at (<i>Primarily University of Birmingham / Aston University / occasionally Coventry Polytechnic / University of Warwick</i>).
256	— —	3rd Nov. 1977 (21)	D.J. Payne (West Midlands County Council)	Statistics for planning in the new local government authorities	— —
257	— —	1st Dec. 1977 (23)	G.H. Freeman (National Vegetable Research Station)	Analysis of variance - or data analysis?	— —
258	— —	5th Jan. 1978 (20)	R.W. Pipe (Cadbury Schweppes)	Implications of the EEC average weight regulations for manufacturers	— —
259	— —	2nd Feb. 1978 (35)	J. Tyler (University of Birmingham)	Passanger traffic forecasting for British Rail	— —
260	— —	2nd Mar. 1978 (49)	E.C. Zeeman (University of Warwick)	Catastrophe theory, decision making and evolution	Jointly with the IMA. Held at (<i>Primarily University of Birmingham / Aston University / occasionally Coventry Polytechnic / University of Warwick</i>).

Continued on next page

#	Session	Date (Attendance)	Speaker	Talk Title	Notes
261	— —	6th Apr. 1978 (19)	C.D. Lewis (Aston University)	Monitoring: the identification of change	Jointly with the IoS. Held at (<i>Primarily University of Birmingham / Aston University / occasionally Coventry Polytechnic / University of Warwick</i>).
262	34th (1978-79)	5th Oct. 1978 (23)	G. Watts (Arthur Guinness, Son and Company)	The statistician as manager	Held at (<i>Primarily University of Birmingham / Aston University / occasionally Coventry Polytechnic / University of Warwick</i>).
263	— —	2nd Nov. 1978 (23)	E.M. Goodwin (City of London Polytechnic)	Ship domains	— —
264	— —	7th Dec. 1978 (22)	A. Glass (University of Birmingham)	Mathematics and the brain	— —
265	— —	11th Jan. 1979 (26)	D. Butler (University of Oxford)	Swing	— —
266	— —	1st Feb. 1979 (21)	M. Greig (Durham University)	Operational research and the police	— —
267	— —	1st Mar. 1979 (28)	T. Gambling (University of Birmingham)	Statistical sampling in auditing	— —
	— —	— —	J. Gilbert (University of Birmingham)	— —	— —
268	— —	5th Apr. 1979 (16)	P.J. Haywood (West Midlands Passenger Transport Executive)	Longbridge to Four Oaks railway development	— —
269	35th (1979-80)	4th Oct. 1979 (70)	K. Mather (University of Birmingham)	The life of R.A. Fisher	Jointly with the IoS. Held at (<i>Primarily University of Birmingham / Aston University / occasionally Coventry Polytechnic / University of Warwick</i>).
270	— —	1st Nov. 1979 (25)	R.E. Bee (Carlett Park College of Technology)	A statistical approach to literary and linguistic analysis	Held at (<i>Primarily University of Birmingham / Aston University / occasionally Coventry Polytechnic / University of Warwick</i>).

Continued on next page

#	Session	Date (Attendance)	Speaker	Talk Title	Notes
271	— —	6th Dec. 1979 (28)	P.W. Burton (Institute of Geological Sciences)	Seismology and statistical earthquake prediction	— —
272	— —	10th Jan. 1980 (19)	A. Baines (ICI Mond Division)	Statistical programs and the practice of statistics	— —
273	— —	7th Feb. 1980 (17)	P. Brooker (Civil Aviation Authority)	Probability and aircraft safety	— —
274	— —	6th Mar. 1980 (23)	I.T. Russell (Newcastle University)	The location of out-patient clinics	— —
275	— —	17th Apr. 1980 (14)	T. Gladman (British Steel Corporation)	Statistics in metallurgy	— —
276	36th (1980-81)	2nd Oct. 1980 (13)	I.D. Hill (MRC Clinical Research Centre)	How to vote for one candidate from many choices	— —
277	— —	6th Nov. 1980 (32)	J.S. Flemming (University of Oxford)	What is inflation?	— —
278	— —	4th Dec. 1980 (13)	J. Coombs (Tate and Lyle Ltd.)	Economics of energy from the biomass	— —
279	— —	8th Jan. 1981 (15)	A.F. Bissell (Consultant Statistician)	A British standard for cusums	— —
280	— —	5th Feb. 1981 (18)	E.D.R. Shearman (University of Birmingham)	Statistical problems in remote sensing and radio propagation	— —
281	— —	5th Mar. 1981 (21)	M.K. Palmer (Holt Radium Institute Manchester)	How successful is treatment for cancer?	— —
282	— —	2nd Apr. 1981 (15)	R.J. Bennett (University of Cambridge)	Geographical analysis of the rate support grant	— —
283	37th (1981-82)	1st Oct. 1981 (43)	J.A. Nelder (Rothamsted Experimental Station)	Statistical computing: progress and prospects	— —
284	— —	12th Nov. 1981 (20)	J.D. Avery (Manchester Polytechnic)	Problems and experience with degree classification	— —
	— —	— —	Barmin	— —	— —
285	— —	3rd Dec. 1981 (22)	J.B. Ward (Unilever)	Artificial intelligence and statistics	— —

Continued on next page

#	Session	Date (Attendance)	Speaker	Talk Title	Notes
286	— —	14th Jan. 1982 (9)	T. Fearn (Flour Milling and Baking Research Association)	Calibration problems in rapid flour testing	— —
287	— —	4th Feb. 1982 (16)	J.B. Copas (University of Birmingham)	Regression and new data	— —
288	— —	4th Mar. 1982 (21)	B.S. Everitt (Institute of Psychiatry)	Modelling binary data	— —
289	— —	1st Apr. 1982 (15)	A. Fielding (University of Birmingham)	Scoring ordered classifications	— —
290	— —	15th Apr. 1982 (48)	C. Denham (OPCS)	An introduction to the 1981 census: problems and opportunities in spatial analysis	Two day workshop: Spatial Analysis of Census Data. Held at University of Birmingham.
291	— —	— —	H. Mounsey (University of Edinburgh)	A new set of population data for Britain, 1901-79	— —
292	— —	— —	P. Norris (Durham University)	Comparability of census areas through time	— —
293	— —	— —	K. Jones (Portsmouth Polytechnic)	The ecological fallacy: a review and alternative interpretation	— —
294	— —	— —	S. Openshaw (Newcastle University)	Ecological fallacies and the interpretation of aggregate census data	— —
295	— —	— —	R. Mead (University of Reading)	The detection and description of spatial patterns by contiguous quadrat data	— —
296	— —	— —	G. Thomson (University of Bath)	Contouring methods for the presentation of spatial data	— —
297	— —	— —	D. Thind (Birkbeck College, London)	Assessing the small area statistics data	— —
298	— —	— —	M. Coombes (Newcastle University)	Analysing the 1981 population census by functional region	— —

Continued on next page

#	Session	Date (Attendance)	Speaker	Talk Title	Notes
299	— —	— —	P. Rees (University of Leeds)	Data bases and accounting frameworks for IIASA's comparative migration and settlement study	— —
	— —	— —	F. Willekens (Netherlands Inter-university Demographic Institute)	— —	Special meeting for sixth-form students and teachers: The world of statistics. Held at University of Birmingham.
300	38th (1982-83)	7th Oct. 1982 (20)	R. Crawley (Manpower Services Commission)	Cluster analysis of repertory grid data for use in systems design	Held at (<i>Primarily University of Birmingham / Aston University / occasionally Coventry Polytechnic / University of Warwick</i>).
301	— —	4th Nov. 1982 (17)	P. Wadhams (Scott Polar Research Institute)	Statistical properties of Arctic Sea ice thickness	— —
302	— —	2nd Dec. 1982 (16)	A. Chesher (University of Birmingham)	Probability models for unemployment and employment experience	— —
303	— —	13th Jan. 1983 (17)	G.M. MacKay (University of Birmingham)	Certain numerical aspects of traffic accidents	— —
304	— —	3rd Feb. 1983 (19)	H.P. Wynn (Imperial College, London)	Why statistics should not be professionalised	— —
305	— —	3rd Mar. 1983 (21)	M.G. Pearson (Navigation systems consultant)	The application of filtering techniques to navigational information	— —
306	— —	7th Apr. 1983 (23)	F.N. David (UCLA)	The change in statistical thinking from 1933 to 1938	— —
307	39th (1983-84)	6th Oct. 1983 (23)	C.M. Haslegrave (Motor Industry Research Association)	Anthropometric statistics and vehicle design	— —
308	— —	3rd Nov. 1983 (25)	J.C. Gower (Rothamsted Experimental Station)	The early days of statistical computing in Britain	— —

Continued on next page

#	Session	Date (Attendance)	Speaker	Talk Title	Notes
309	— —	1st Dec. 1983 (18)	D.J. Spiegelhalter (MRC Biostatistics Unit)	Design and evaluation of clinical decision technology	— —
310	— —	12th Jan. 1984 (18)	D. Rutter (Wesleyan and General Assurance Society)	The analysis of the mortality of diabetics	— —
311	— —	2nd Feb. 1984 (21)	J.A.H. Waterhouse (University of Birmingham)	Epidemiological methods applied to cancer	— —
312	— —	1st Mar. 1984 (33)	P.J. Harrison (University of Warwick)	Some recent developments in practical forecasting	Jointly with the IMA. Held at Coventry Polytechnic.
313	40th (1984-85)	4th Oct. 1984 (25)	B.L. Button (Trent Polytechnic)	Ways of improving engineering experiments and predictions	Held at Lanchester Polytechnic.
	— —	— —	C.C. Wright (Coventry Polytechnic)	— —	— —
314	— —	15th Nov. 1984 (18)	H. Goldstein (London Institute of Education)	The multi-level linear model and its role in educational research	Held at (<i>Primarily University of Birmingham / Aston University / occasionally Coventry Polytechnic / University of Warwick</i>).
315	— —	5th Dec. 1984 (22)	D.F. Hendry (University of Oxford)	Evaluating linear macroeconomic systems	— —
316	— —	17th Jan. 1985 (30)	D.J. Newell (Newcastle University)	Statistics, law and fluoridation	— —
317	— —	7th Feb. 1985 (29)	J. Urquhart (Newcastle University)	Windscale / Sellafield leukaemia's: the search for significance	— —
318	— —	7th Mar. 1985 (18)	M. Aitkin (Lancaster University)	Canonical likelihoods	— —
319	— —	18th Apr. 1985 (28)	A.P. White (University of Birmingham)	Inference deficiencies in rule-based expert systems	— —

Continued on next page

#	Session	Date (Attendance)	Speaker	Talk Title	Notes
320	— —	15th May 1985 (NR)	J.B. Copas (University of Birmingham)	Statistics and mathematics: right-angled triangles and medical statistics	Special meeting for sixth-form students and teachers: The world of statistics. Held at University of Birmingham.
321	— —	— —	A.D. Brown (Lucas Research Centre)	Statistics and industry: shedding light on headlamps	— —
322	— —	— —	A.J. Lawrance (University of Birmingham)	Statistics and computers: the way ahead	Held at University of Birmingham.
323	41st (1985-86)	7th Nov. 1985 (26)	D.A. Budgett	Personal experience of SAS as a statistical tool	Held at (<i>Primarily University of Birmingham / Aston University / occasionally Coventry Polytechnic / University of Warwick</i>).
324	— —	10th Dec. 1985 (14)	R.A. Newland	Some problems of allocation and choice	— —
325	— —	9th Jan. 1986 (19)	A. O'Hagan	Practical Bayesian inference from an intractable multivariate posterior distribution	Held at University of Warwick.
326	— —	6th Feb. 1986 (23)	G.R.P. Blackledge	Can clinicians and statisticians work together in clinical research?	
327	— —	6th Mar. 1986 (45)	P. Davies	The application of statistical process control in the motor industry	
328	— —	— —	M. Brand	— —	
	— —	2nd May 1986 (53)	D.R. Cox	Statistics in OR: current developments	Joint meeting with MORS. Held at Coventry Polytechnic.
329	42nd (1986-87)	2nd Oct. 1986 (25)	R. Tarling	Statistical applications in criminology	
330	— —	6th Nov. 1986 (20)	C. Aitken	Attempting to measure the value of evidence	
331	— —	4th Dec. 1986 (42)	E.G. Knox	The epidemiology of AIDS	

Continued on next page

#	Session	Date (Attendance)	Speaker	Talk Title	Notes
332	— —	5th Feb. 1987 (32)	S. Haberman	The mortality of impaired lives: methodology and results	Joint meeting with Birmingham Actuarial Society.
333	— —	5th Mar. 1987 (35)	P.J. Brown	Electoral prediction and polling	Joint meeting with MORS. Held at Coventry Polytechnic.
334	— —	7th May 1987 (21)	P.J. McCarthy	Function iteration, magic numbers and the 20th Century 'exponential' function	Jointly with the IMA.
335	43rd (1987-88)	8th Oct. 1987 (22)	C. Nixon	Teaching A-level statistics	Joint meeting with MORS. Members evening. Held at Coventry Polytechnic.
336	— —	12th Nov. 1987 (28)	L. Worrall (Teacher)	Information system development and the management of urban change	
337	— —	10th Dec. 1987 (NR)	N. Alvery	Testing of branded consumer goods	
338	— —	14th Jan. 1988 (23)	R. Mead	The design of non-orthogonal experiments	
339	— —	4th Feb. 1988 (17)	G. Maycock	The use of generalized linear models in accident analysis	
340	— —	16th Mar. 1988 (65)	[RSS Discussion Meeting]	RSS Discussion Meeting	
341	— —	5th May 1988 (22)	M.A. Porter	The role of the statistician in industry	
342	44th (1988-89)	6th Oct. 1988 (23)	R.L. Smith	How long is the Olympic marathon?	Members evening.
343	— —	10th Nov. 1988 (35)	D.J. Hand	Knowledge enhanced systems for statistics	
344	— —	8th Dec. 1988 (17)	P. Worthington	What do actuaries do with their statistics?	
345	— —	12th Jan. 1989 (16)	A. Bone	Collection of dietary data in selected population groups	
346	— —	9th Feb. 1989 (22)	F. Critchley	Influence in multivariate analysis	
347	— —	9th Mar. 1989 (37)	A. Seheult	Experimental design in off-line quality control	
348	— —	4th May 1989 (NR)	C. Sharp	Sport and statistics	

Continued on next page

#	Session	Date (Attendance)	Speaker	Talk Title	Notes
349	45th (1989-90)	5th Oct. 1989 (17)	S.M. Gore (MRC Biostatistics Unit)	Renal transplantation: sense and sensitization	
350	— —	16th Nov. 1989 (30)	R.N. Curnow (University of Reading)	Assessment of DNA fingerprinting evidence	
351	— —	7th Dec. 1989 (12)	J. Whitley	Comparing economic forecasting methods	
352	— —	11th Jan. 1990 (16)	H. Goldstein (Institute of Education)	Multi-level modelling applied to school performance	
353	— —	8th Feb. 1990 (19)	D. Grove (Independent Consultant)	Deming!	
354	— —	8th Mar. 1990 (35)	B. Moss (RM Consultants Ltd.)	Reliability data collection and its quality control	
355	— —	10th May 1990 (NR)	J. Hibbert	Truth, statistics and value for money	
356	46th (1990-91)	11th Oct. 1990 (35)	R. Pinchuk	Developments in decomposing security returns and implications for modern portfolio management	
357	— —	8th Nov. 1990 (16)	J. Wilson	Stereology	
358	— —	6th Dec. 1990 (17)	J. Nellis (Cranfield School of Management)	Modelling of house prices	
359	— —	10th Jan. 1991 (32)	S.C. Darby (ICRF, Oxford)	Cancer near nuclear installations	
360	— —	7th Mar. 1991 (21)	M. Rayson	The Allied Dunbar fitness survey	
	— —	— —	C. Cooke	— —	
361	— —	9th May 1991 (NR)	H. Neave	W. Edwards Deming - American statistician and Japanese secret	
362	— —	23rd May 1991 (10)	M. Anwar	The ethic question in the census (1991): history and use	
363	47th (1991-92)	10th Oct. 1991 (21)	N.R.J. Fieller	Archaeostatistics: old statistics in ancient contexts	

Continued on next page

#	Session	Date (Attendance)	Speaker	Talk Title	Notes
364	— —	13th Nov. 1991 (12)	S. Buckland (SASS Aberdeen)	Determining whale abundance	
365	— —	5th Dec. 1991 (11)	P.V. Bertrand (University of Birmingham)	Reliability from distributions	
366	— —	16th Jan. 1992 (22)	G.H. Freeman (University of Warwick)	Statistics in the water industry	
367	— —	13th Feb. 1992 (12)	J.D. Right (Consultant in Public Health)	Surveying the drug scene	
	— —	— —	L. Pearl (Wolverhampton Polytechnic)	— —	
368	— —	19th Mar. 1992 (11)	J.A. Lewis (University of Kent)	Experience of meta-analysis in the pharmaceutical industry	
369	— —	14th May 1992 (NR)	P. Holmes	Statistics in the national curriculum	
370	48th (1992-93)	22nd Oct. 1992 (15)	D.A. Lievsley (ESRC Data Archive)	Data archives: a resource for researchers	
371	— —	12th Nov. 1992 (13)	A. Kirkham (Department of the Environment)	House condition surveys 1993	
372	— —	28th Jan. 1993 (46)	H. James (University of Portsmouth)	The principles and applications of neural networks	Joint meeting with the ORS.
373	— —	18th Feb. 1993 (11)	R. Poultney (Rothamsted)	Biometrics in overseas development	
374	— —	25th Mar. 1993 (12)	G.M. Clarke (University of Kent)	After the merger	
375	— —	29th Apr. 1993 (17)	T.P. Davis (Ford Motor Company)	Teaching statistics to engineers	
376	— —	20th May 1993 (NR)	J. Hibbs (University of Central England)	Transport planning: art or science?	Held at Members Evening.
377	49th (1993-94)	14th Oct. 1993 (20)	D.G. Altman (Imperial Cancer Research Fund)	Statistical refereeing for medical journals	Held at University of Birmingham.
378	— —	11th Nov. 1993 (15)	M.R. Kattan (University of Newcastle)	Quality problems in ship production	— —
379	— —	13th Jan. 1994 (45)	J.B. Copas (University of Warwick)	Statistics, parole and the Criminal Justice Act	Held at Coventry University.
380	— —	3rd Feb. 1994 (12)	M.G. Gibson (Jaguar Cars)	What does an industrial statistician do?	Held at University of Birmingham.
381	— —	17th Mar. 1994 (13)	T. Sharot (Survey Research Singapore)	Issues in panel research	— —

Continued on next page

#	Session	Date (Attendance)	Speaker	Talk Title	Notes
382	— —	14th Apr. 1994 (18)	N. Davies (Nottingham Trent University)	Statistical applications to cryptology	Held at Coventry University.
383	— —	12th May 1994 (NR)	A.A. Greenfield (Little Hucklow)	Courting chance?	Held at University of Birmingham / Social Evening.
384	50th (1994-95)	6th Oct. 1994 (24)	D. Wright (Plymouth University)	Statistical methods for Down's syndrome screening	Held at Coventry University.
385	— —	3rd Nov. 1994 (25)	I. McCallum (London Research Centre)	Responding to new resources for educational research	— —
386	— —	1st Dec. 1994 (13)	J. Nicholl (University of Sheffield)	Is exercise good for you?	Held at University of Birmingham.
387	— —	12th Jan. 1995 (16)	J. Thirlwell (The Consumers' Association)	The need for precision in the presentation of statistical data	— —
388	— —	2nd Feb. 1995 (35)	A. Harvey (London School of Economics)	Multivariate time series modelling	Held at Coventry University.
389	— —	9th Mar. 1995 (10)	E. Ferri (City University)	Partnership and parenthood at 33: early findings from the fifth sweep of the National Child Development Study	Held at University of Birmingham.
390	51st (1995-96)	12th Oct. 1995 (29)	F. Critchley (University of Birmingham)	Influence analysis	— —
391	— —	9th Nov. 1995 (23)	P. Trower (University of Newcastle)	Getting value-added right	— —
392	— —	7th Dec. 1995 (16)	N. Dollimore (Liverpool School of Tropical Medicine)	Working as a medical statistician in Ghana: overcoming statistical and epidemiological challenges	— —
393	— —	11th Jan. 1996 (23)	M. Stook (FEFC)	Setting up data collection and analysis systems for the further education sector	Held at Coventry University.
	— —	— —	P. Ashton (FEFC)	— —	— —
	— —	— —	C. Kempner (FEFC)	— —	— —

Continued on next page

#	Session	Date (Attendance)	Speaker	Talk Title	Notes
394	— — — —	— — 8th Feb. 1996 (19)	C. Stronach (FEFC) P. Woodward (Lucas Diesel Systems)	— — Some methods used in industry to analyse and predict warranty claims	— — — —
395	— —	18th Apr. 1996 (12)	A.J. Scallan (Manchester Metropolitan University)	Mixture models and survival data	
396	— —	23rd May 1996 (NR)	R. Matthews (The Sunday Telegraph)	Randomness: the magician of the sciences	
397	52nd (1996-97)	10th Oct. 1996 (12)	R. Gadsden (Sheffield Hallam University)	Case load weightings in magistrates courts	Held at University of Birmingham.
398	— —	7th Nov. 1996 (17)	H. Wynn (University of Warwick)	Confounding in complex experiments using computer algebra	Held at Coventry University.
399	— —	5th Dec. 1996 (17)	S. Senn (University College London)	Cross-over trials: how to adjust for carry-over and why we shouldn't	Held at University of Birmingham.
400	— —	16th Jan. 1997 (17)	C.A.N. Morris (University of Warwick)	Putting statistics to work in business	Held at Coventry University.
401	— —	6th Feb. 1997 (13)	J. Andrews (University of Loughborough)	Advances in fault free analysis for reliability assessment	Held at University of Birmingham.
402	— —	6th Mar. 1997 (7)	A. Metcalfe (Newcastle University)	Application of multi-site time series models	— —
403	— —	24th Apr. 1997 (17)	A. Graham (Open University)	Exploiting the graphics calculator within the Open University entry course, 'Open Mathematics'	Held at Coventry University.
404	— —	15th May 1997 (NR)	C. Boyle (University of Central England)	Lotteries in history	Held at University of Birmingham.
405	53rd (1997-98)	9th Oct. 1997 (16)	T. Marshall (University of Birmingham)	Railway accidents in Great Britain 1954-95	— —
406	— —	6th Nov. 1997 (12)	A. Nevill (Liverpool John Moores University)	Adjusting (scaling) health related fitness variables for differences in body size	— —
407	— —	4th Dec. 1997 (30)	K. Carpenter (Defence Research Agency)	Airborne collision avoidance (TCAS)	Held at Coventry University.

Continued on next page

#	Session	Date (Attendance)	Speaker	Talk Title	Notes
408	— —	15th Jan. 1998 (18)	T. Fielding (University of Birmingham)	Modelling individual, group and teacher effects in GCE and A-level courses	Held at Solihull Sixth Form College.
409	— —	5th Feb. 1998 (29)	R. Mortimore (MORI)	How the opinion polls did better in 1997 than in the 1992 election	Joint meeting with MORS. Held at Coventry University.
410	— —	5th Mar. 1998 (8)	D. Fenwick (Office for National Statistics)	How well does the retail price index measure inflation?	Held at University of Birmingham.
411	— —	14th May 1998 (NR)	F. Duckworth (Editor, RSS News)	Statistics in sports and games	Held at Social Evening.
412	54th (1998-99)	8th Oct. 1998 (16)	J. Kent (University of Leeds)	Fun and games with the EM algorithm	Held at University of Birmingham.
413	— —	12th Nov. 1998 (28)	D. Collett (University of Reading)	Analysis of menstrual bleeding	Held at Coventry University.
414	— —	3rd Dec. 1998 (10)	L. Worrall (University of Wolverhampton)	Tracking the performance of the West Midlands economy	Held at University of Birmingham.
415	— —	14th Jan. 1999 (11)	D. Jerwood (University of Bristol)	The ubiquitous Weibull distribution	Held at Solihull Sixth Form College.
416	— —	11th Feb. 1999 (17)	V.D. Barnett (University of Nottingham)	Environmental sampling and monitoring	Held at University of Birmingham.
417	— —	11th Mar. 1999 (20)	K. Phelps (Horticulture Research International)	Decision support in horticulture software for interlinking models	Held at HRI Wellesbourne.
418	— —	13th May 1999 (NR)	D. Boyle (New Economics Foundation)	Has money gone mad?	Held at Social Evening.
419	55th (1999-00)	14th Oct. 1999 (11)	A.J. Lawrance (University of Birmingham)	Engine mapping: statistical modelling as automotive engineering	Held at University of Birmingham.
420	— —	11th Nov. 1999 (19)	M. Wallis (Warwickshire, Solihull and Coventry Breast Screening Services)	Evaluating the NHS breast screening programme randomised controlled trials to national programme	Held at Coventry University.
421	— —	9th Dec. 1999 (8)	L. Billingham (University of Birmingham)	Joint modelling of quality of life and survival data	Held at University of Birmingham.

Continued on next page

#	Session	Date (Attendance)	Speaker	Talk Title	Notes
422	— —	13th Jan. 2000 (8)	N. Hunt (Coventry University)	Teaching statistics over the internet using spreadsheets	Held at Solihull Sixth Form College.
423	— —	10th Feb. 2000 (21)	G. Dunn (Manchester University)	Role of measurement error in modelling compliance response relationships in clinical trials	Held at University of Warwick.
424	— —	9th Mar. 2000 (12)	J. Thompson (University of Birmingham)	Monitoring the water environment of landfill: the role of statistics	Held at University of Birmingham.
425	— —	11th May 2000 (NR)	D.M.G. Wishart (University of St. Andrews)	Classifying single malt whiskies	Held at University of Birmingham / Social Evening.
426	56th (2000-01)	12th Oct. 2000 (11)	D.J. Hand (Imperial College, London)	Measurement and statistical modelling	Held at University of Birmingham.
427	— —	9th Nov. 2000 (18)	I. Diamond (University of Southampton)	One number census 2001	Held at Coventry University.
428	— —	11th Jan. 2001 (11)	W. Gibson (Newcastle University)	Commercial and industrial statistics at A-level	Held at Solihull Sixth Form College.
429	— —	15th Feb. 2001 (46)	D. Brunson (Jaguar Cars)	Six Sigma and continuous improvement in product development	Joint meeting with the Business and Industrial Section. Held at Coventry University.
430	— —	— —	M.A. Porter (GlaxoSmithKline)	Delivering excellence in manufacturing active pharmaceuticals	Held at Coventry University.
431	— —	8th Mar. 2001 (21)	R. Lilford (University of Birmingham and NHS)	Bayesian perspective in medical research	Held at University of Birmingham.
432	— —	10th May 2001 (NR)	J. Haigh	Lotteries	Held at Social Evening.
433	57th (2001-02)	11th Oct. 2001 (16)	F. Song (University of Birmingham)	Publication bias and related problems in medical research	Held at University of Birmingham.
434	— —	8th Nov. 2001 (22)	R. Adderley (West Midlands Police)	Modelling the behaviour of offenders who commit serious sexual assaults: a data-mining case study	Held at Coventry University.

Continued on next page

#	Session	Date (Attendance)	Speaker	Talk Title	Notes
435	— —	13th Dec. 2001 (11)	A. Rouse (University of Birmingham)	An attempt to monitor the performance of a screening programme	Held at University of Birmingham.
436	— —	10th Jan. 2002 (13)	A. Green (University of Warwick)	Reviewing regional and sub-regional intelligence data	Held at Coventry University.
437	— —	7th Feb. 2002 (30)	R. Scaife (NATS)	Air traffic control safety	Held at University of Warwick.
	— —	— —	J. Sonander (NATS)	— —	— —
438	— —	14th Mar. 2002 (14)	R. Shaw (AstraZeneca)	The statistician as change agent: a case study	Held at University of Birmingham.
439	— —	9th May 2002 (NR)	S.D. Jacka (University of Warwick)	The problems of statistics: sex, money and education	Held at University of Warwick / Social Evening.
440	58th (2002-03)	10th Oct. 2002 (14)	T.P. Davis (Ford Motor Company)	Statistical experiences since leaving the UK	Held at University of Birmingham.
441	— —	14th Nov. 2002 (29)	C. Johnston (Coventry University)	Using neural nets to fit probability distributions to survival data	Held at Coventry University.
442	— —	10th Dec. 2002 (18)	L. Simpson (Bradford Metropolitan District Council)	Why measure ethnic group?: statistics and social cohesion	Held at University of Birmingham.
443	— —	16th Jan. 2003 (16)	T. Marshall (University of Birmingham)	Can you tell if your drink has been spiked?	Held at Coventry University.
444	— —	13th Feb. 2003 (20)	R. Pucj-Solis (University of London)	A Bayesian decision support system in forensic science	Held at University of Warwick.
445	— —	13th Mar. 2003 (10)	M. Faddy (University of Birmingham)	Modelling and analysis of discrete data	Held at University of Birmingham.
446	— —	15th May 2003 (NR)	D. Connor (RSS Centre for Statistical Education)	Was statistics your favourite subject at school?	Held at University of Birmingham / Social Evening.
447	59th (2003-04)	9th Oct. 2003 (10)	R. Thomas (Open University)	Population at risk unemployment rates	Joint meeting with the Official Statistics Section. Held at University of Birmingham.
448	— —	13th Nov. 2003 (9)	A. Nevill (University of Wolverhampton)	Modelling health-related performance indices	Held at University of Birmingham.

Continued on next page

#	Session	Date (Attendance)	Speaker	Talk Title	Notes
449	— —	11th Dec. 2003 (11)	C. Ferro (University of Reading)	Statistical challenges in climatology	Held at Coventry University.
450	— —	15th Jan. 2004 (15)	A. Sutton (University of Leicester)	Meta-analysis, power analysis and the design of future studies	— —
451	— —	19th Feb. 2004 (56)	D.R. Cox (University of Oxford)	Some challenges facing statistics	Held at University of Warwick.
452	— —	18th Mar. 2004 (10)	R. Hilliam (University of Birmingham)	Statistical aspects of chaos with applications to communication modelling	Held at University of Birmingham.
453	60th (2004-05)	14th Oct. 2004 (10)	P. Scarf (University of Salford)	Statistics of sport: modelling and decision making in fell-running, cricket and football	— —
454	— —	25th Nov. 2004 (40)	A. Grieve (Pfizer)	Should statisticians and their profession become more entrepreneurial	Held at University of Warwick.
455	— —	24th Feb. 2005 (46)	C. Aitken (University of Edinburgh)	Lies, damned lies and expert witnesses	— —
456	— —	10th Mar. 2005 (10)	I. Plewis (Children's Fund)	Local meets national in evaluation: the case of the Children's Fund	Joint meeting with the Social Statistics Section. Held at University of Birmingham.
	— —	— —	D. Allen (University of Leicester)	— —	— —
457	61st (2005-06)	6th Oct. 2005 (38)	R. Edmondson (HRI Wellesbourne)	Designing a design of experiments website	Held at University of Warwick.
	— —	— —	R. Reader (HRI Wellesbourne)	— —	— —
458	— —	10th Nov. 2005 (47)	T. Holt (University of Southampton)	Estimating regional and global indicators of development	60th Anniversary Meeting. Held at University of Warwick.
459	— —	— —	P. Green (University of Bristol)	Matching and alignment	— —
460	— —	8th Dec. 2005 (30)	R. Cracknell (House of Commons Library)	Statistics in parliament: use and abuse	Held at University of Warwick.
461	— —	9th Feb. 2006 (30)	B. Mirkin (Birkbeck College, London)	Clustering in statistics and other perspectives	— —
462	— —	9th Mar. 2006 (40)	E. Little (University of Nottingham)	The 2004 US presidential election: margin of error?	— —

Continued on next page

#	Session	Date (Attendance)	Speaker	Talk Title	Notes
463	— —	6th Apr. 2006 (17)	A. Girling (University of Birmingham)	Optional treatments: economic analysis and trial design	— —
464	62nd (2006-07)	15th Oct. 2006 (29)	P. Matejic (Department of Trade and Industry)	Methodology for deriving the official fuel poverty statistics	— —
465	— —	2nd Nov. 2006 (35)	A. Wood (University of Cambridge)	Using multiply imputed data: how to perform model selection?	— —
466	— —	11th Jan. 2007 (34)	D. Collett (UK Transplant)	Some statistical issues in organ transplantation	Held at Queen Elizabeth Hospital, Birmingham.
467	— —	7th Feb. 2007 (34)	H. Mader (University of Bristol)	Statistics applied to environmental hazards: volcanoes	Joint meeting with the RSS Environmental Statistics Section. Held at Coventry University.
	— —	— —	D. Pyle (University of Oxford)	— —	— —
	— —	— —	J. Barclay (University of East Anglia)	— —	— —
468	— —	8th Mar. 2007 (34)	R. Matthews (Aston University)	Why people believe weird things: a Bayesian perspective	Held at University of Warwick.
469	63rd (2007-08)	8th Nov. 2007 (27)	J. Curtice (University of Strathclyde)	The impact of the internet on political participation	— —
470	— —	6th Dec. 2007 (32)	J. Deels (University of Birmingham)	Defects and diseases in evaluations of the impact of diagnostic tests	— —
471	— —	7th Jan. 2008 (23)	B. Francis (Lancaster University)	Modelling criminal conviction careers: problems and participation in crime	— —
472	— —	7th Feb. 2008 (18)	T. Friede (University of Warwick)	Flexible designs for clinical trials	Held at University of Birmingham.
473	— —	13th Mar. 2008 (29)	M. Wenham (Shell Global Solutions)	Neither finance nor pharma: life as an industrial statistician	Held at University of Warwick.

Continued on next page

#	Session	Date (Attendance)	Speaker	Talk Title	Notes
474	— —	24th Apr. 2008 (NR)	B. Morgan (University of Kent)	New aspects of parameter redundancy	— —
475	— —	9th Oct. 2008 (18)	T. Sparks (Centre for Ecology and Hydrology)	Harmless pastime or serious science? What does phenology tell us about the impacts of climate change?	— —
476	— —	13th Nov. 2008 (35)	T. Cole (University College London)	Issues in the monitoring of obesity and thinness in children	Held at University of Birmingham.
477	— —	4th Dec. 2008 (39)	S. Brooks (ATASS Sports)	Statistical modelling of sports	Held at University of Warwick.
	— —	— —	M. Dixon (ATASS Sports)	— —	— —
478	64th (2009)	15th Jan. 2009 (25)	C. Holmes (University of Oxford)	Bayesian approaches to inference and data integration in genome-wide association studies using SNPs and copy-number-variants	Held at University of Birmingham.
479	— —	12th Feb. 2009 (40)	J. Tawn (Lancaster University)	Multivariate extreme value methods in finance	Held at University of Warwick.
480	— —	13th Mar. 2009 (29)	M. Thelwall (University of Wolverhampton)	From Iranian debates to swearing: Finding and processing large-scale online data	— —
481	— —	30th Apr. 2009 (140)	D. MacKay (University of Cambridge)	Sustainable energy - without the hot air	— —
482	— —	15th Oct. 2009 (23)	F. Dunstan (Cardiff University)	Statistical models for identifying cases of child abuse	Held at University of Birmingham.
483	— —	12th Nov. 2009 (47)	D.J. Spiegelhalter (University of Cambridge)	Chance, risk and uncertainty	Communicating statistics: from flu to finance. Held at University of Warwick.
484	— —	— —	M. Blastland (Writer and journalist)	Recession stories	— —
485	— —	9th Dec. 2009 (25)	D. Ashby (Imperial College, London)	What role should formal risk-benefit decision-making play in the regulation of medicines?	Medicine and public health: maximising benefits, minimising harm. Held at Coventry University.

Continued on next page

#	Session	Date (Attendance)	Speaker	Talk Title	Notes
486	— —	— —	S. Bird (MRC Biostatistics Unit)	Mitigating the epidemic injecting drug use and its sequelae	— —
487	65th (2010)	3rd Feb. 2010 (23)	J. Yao (Zurich Financial Services)	Bayesian approach for prediction error in chain-ladder claims reserving	Held at University of Warwick.
488	— —	— —	G. Bordigoni (AHL Research)	Applications of adaptive data cleaning in systematic trading	— —
489	— —	6th May 2010 (34)	M. Denham (GlaxoSmithKline)	Applications of Bayesian methods to medicinal product development	— —
490	— —	14th Oct. 2010 (36)	M. Akacha (University of Warwick)	Missing data in longitudinal data: a review	Jointly held with the RSS Young Statisticians Section. Held at University of Warwick.
491	— —	— —	J. Carpenter (London School of Hygiene and Tropical Medicine)	Assessing the sensitivity in meta-analysis to selection bias: a multiple imputations approach	— —
492	— —	11th Nov. 2010 (16)	P. MacAskill (University of Sydney)	The development and evaluation of a diagnostic decision support system for young children with suspected serious bacterial illnesses	Held at University of Birmingham.
493	— —	8th Dec. 2010 (20)	R. Kenna (Coventry University)	Size matters, except perhaps for pure mathematicians	Held at Coventry University.
494	66th (2011)	10th Feb. 2011 (34)	J. Kirkham (University of Liverpool)	Is multivariate meta-analysis a solution for reducing the impact of outcome reporting bias in systematic reviews?	Held at University of Birmingham.
495	— —	10th Mar. 2011 (29)	T.P. Davis (Consultant)	Statistical engineering	Held at University of Warwick.
496	— —	4th May 2011 (27)	A. Owen (University of Loughborough)	Bayesian dynamic forecasting models of football math outcomes	— —

Continued on next page

#	Session	Date (Attendance)	Speaker	Talk Title	Notes
497	— —	13th Oct. 2011 (35)	H. Williams	Remarks on engineering applications of mathematical science	Jointly held with the RSS Young Statisticians Section. Held at University of Warwick.
498	— —	10th Nov. 2011 (28)	S. Eldridge (Queen Mary, University of London)	Cluster randomised trials: what, when and how?	Held at University of Birmingham.
499	— —	7th Dec. 2011 (26)	T. Sparks (Coventry University)	Can't see the trees for the leaves?	Held at Coventry University.
500	67th (2012)	8th Mar. 2012 (47)	S. Senn (CRP-Sante, Luxembourg)	You may believe you are a Bayesian but you are probably wrong	Held at University of Warwick.
501	— —	10th May 2012 (18)	A. Roddam (Centre for Observational Research, Amgen Ltd.)	On the role of the observational research in drug development and commercialisation	— —
502	— —	11th Oct. 2012 (45)	G. Brown (Office for National Statistics)	Challenges facing National Statistics Institutes: the 2020 vision	— —
503	— —	8th Nov. 2012 (26)	M.J. Crowther (University of Leicester)	Development and application of joint models for repeatedly measured biomarkers and time-to-event data in biomedical research	Jointly held with MHTMR. Held at University of Birmingham.
504	— —	13th Dec. 2012 (14)	G. Furze (Coventry University)	Medical statistics in real life since 1998: meant to be confusing	Held at University of Warwick.
505	68th (2013)	7th Feb. 2013 (24)	R. Turner (MRC Biostatistics Unit)	Making use of external information on heterogeneity and biases in meta-analysis	Jointly held with MHTMR. Held at University of Birmingham.
506	— —	7th Mar. 2013 (28)	P. Challenor (University of Exeter)	The statistical analysis of complex numerical models in the environmental sciences	Held at University of Warwick.
507	— —	9th May 2013 (28)	S. French (University of Warwick)	Handling uncertainties in emergency management	— —

Continued on next page

#	Session	Date (Attendance)	Speaker	Talk Title	Notes
508	— —	10th Oct. 2013 (43)	L. Barclay (University of Warwick)	An introduction to chain event graphs	Jointly held with the RSS Young Statisticians Section. Held at University of Warwick.
509	— —	— —	P. Thwaites (University of Leeds)	The use of chain event graphs in decision analysis and game theory	— —
510	— —	7th Nov. 2013 (17)	T. Palmer (University of Warwick)	Topics in instrumental variable estimation: structural mean models and bounds	Held at University of Birmingham.
511	— —	12th Dec. 2013 (15)	P. Hewson (Plymouth University)	Small area estimation on a national scale	Held at University of Warwick.
512	69th (2014)	6th Feb. 2014 (52)	G. Lancaster (Lancaster University)	Feasibility / pilot studies in the design, conduct and evaluation of complex intervention	Held at University of Birmingham.
513	— —	6th Mar. 2014 (21)	A. Girling (University of Birmingham)	The design of stepped-wedge cluster designs: some statistical thoughts	Held at University of Warwick.
514	— —	8th May 2014 (15)	G. Battisti (University of Warwick)	Adoption-timing and causal directions in the diffusion of innovations	— —
515	— —	9th Oct. 2014 (32)	A. Bevan (University College London)	Imperial logistics by numbers: the case of the Chinese Terracotta Warriors	— —
516	— —	6th Nov. 2014 (15)	L. Bonnett (University of Liverpool)	Fit to drive?	Held at University of Birmingham.
517	— —	4th Dec. 2014 (20)	J.K. Rogers (London School of Hygiene and Tropical Medicine)	Insights into the analysis of recurrent events and future directions	Jointly held with the RSS Young Statisticians Section. Held at University of Warwick.
518	— —	— —	G. Woodcock (Sparx)	Using statistics to understand educational processes	— —
519	70th (2015)	5th Feb. 2015 (32)	K. Hemming (University of Birmingham)	The stepped wedge trial (SW-CRT): Recommendations for research methods and reporting	Held at University of Birmingham.

Continued on next page

#	Session	Date (Attendance)	Speaker	Talk Title	Notes
520	— —	12th Mar. 2015 (53)	P. Robinson (Bank of England)	'Big Data': A panacea or chimera for economic policy	Held at University of Warwick.
521	— —	7th May 2015 (14)	S. Ferris (MMR Research Worldwide)	Product optimisation in the food and drink industry	Jointly held with the Business and Industrial Section. Held at University of Warwick.
522	— —	22nd Oct. 2015 (33)	C. Payne (University of Oxford)	Fifty years of election night forecasting for the BBC: The inside story	Held at University of Warwick.
523	— —	12th Nov. 2015 (46)	J. Cook (University of Oxford)	Surgical trials: Some statistical and methodological challenges	Held at University of Birmingham.
524	— —	10th Dec. 2015 (23)	K. McConway (Open University)	Statistics and the media: A statisticians view	Held at University of Warwick.
525	71st (2016)	4th Feb. 2016 (30)	I. White (MRC Biostatistics Unit)	Using causal inference methods to tackle non-compliance and treatment changes in randomised trials	Held at University of Birmingham.
526	— —	3rd Mar. 2016 (16)	J.L. Hutton (University of Warwick)	Universities Superannuation Scheme (USS)	Held at University of Warwick.
527	— —	5th May 2016 (55)	M. Girolami (University of Warwick)	Data science: The nexus of mathematics, statistics and computer science?	— —
528	— —	26th Oct. 2016 (TBC)	P. Diggle (Lancaster University)	Statistics: a data science for the twenty-first century	70th Anniversary Meeting - RSS Local Groups and Sections: Past, Present, Future. Held at University of Warwick.
529	— —	— —	D.J. Spiegelhalter (University of Cambridge)	Getting the numbers out there: the public role of statisticians	— —

7 INDEX OF SPEAKERS

Complete alphabetical listing of speakers, and the dates at which they presented to the Group. The number in brackets indicates for those who have presented to the Group multiple times, the total number of occasions in which they have done so.

#	Speaker	Date of talk
1	R.L. Ackoff	Mar. '62
2	R. Adderley	Nov. '01
3	J. Aitchison	Feb. '65
4	C. Aitken (2)	Nov. '86 · Feb. '05
5	M. Aitkin	Mar. '85
6	M. Akacha	Oct. '10
7	D. Allen	Mar. '05
8	D.G. Altman	Oct. '93
9	N. Alvery	Dec. '87
10	J.E. Andrew	Oct. '55
11	J. Andrews	Feb. '97
12	C.J. Anson	Apr. '59
13	M. Anwar	May '91
14	P. Armitage (2)	Jan. '62 · Nov. '72
15	D. Ashby	Dec. '09
16	J.R. Ashford	Jan. '71
17	P. Ashton	Jan. '96
18	J.D. Avery	Nov. '81
19	A. Baines (2)	Nov. '65 · Jan. '80
20	J. Barclay	Feb. '07
21	L. Barclay	Oct. '13
22	Barmin	Nov. '81
23	G.A. Barnard (3)	Jan. '57 · Nov. '63 · Dec. '70
24	V.D. Barnett (2)	Dec. '71 · Feb. '99
25	D.J. Bartholomew	Jan. '70
26	M.S. Bartlett	Mar. '61
27	G. Battisti	May '14
28	D.W. Beattie	Oct. '62
29	R.E. Bee	Nov. '79
30	D.G. Beech (3)	Apr. '48 · Mar. '50 · Sept. '51
31	A.S. Beer	Jan. '55
32	W.A. Belson (2)	Feb. '57 · Feb. '61
33	R.J. Bennett	Apr. '81
34	W.A. Bennett (5)	Feb. '46 · Apr. '46 · Sept. '46 · Jan. '50 · Sept. '50
35	F. Benson (2)	Dec. '56 · Apr. '61

Continued on next page

#	Speaker	Date of talk
36	P.V. Bertrand (2)	Apr. '76 · Dec. '91
37	A. Bevan	Oct. '14
38	W.Z. Billewicz	Oct. '68
39	L. Billingham	Dec. '99
40	S. Bird	Dec. '09
41	A.F. Bissell	Jan. '81
42	P.M.S. Blackett	Nov. '54
43	G.R.P. Blackledge	Feb. '86
44	M. Blastland	Nov. '09
45	A. Bone	Jan. '89
46	L. Bonnett	Nov. '14
47	G. Bordigoni	Feb. '10
48	G.E.P. Box (2)	Mar. '56 · May '56
49	C. Boyle	May '97
50	D. Boyle	May '99
51	M. Brand	Mar. '86
52	S. Brand	Mar. '51
53	P. Brooker	Feb. '80
54	S. Brooks	Dec. '08
55	A.D. Brown	May '85
56	D.G.W. Brown	Dec. '75
57	G. Brown	Oct. '12
58	P.J. Brown	Mar. '87
59	K.A. Brownlee	Feb. '48
60	D. Brunson	Feb. '01
61	S. Buckland	Nov. '91
62	D.A. Budgett	Nov. '85
63	P.R.J. Burch	Nov. '76
64	P.W. Burton	Dec. '79
65	D. Butler	Jan. '79
66	B.L. Button	Oct. '84
67	F.S. Campbell	May '58
68	V.R. Cane	Mar. '66
69	J. Carpenter	Oct. '10
70	K. Carpenter	Dec. '97
71	P. Challenor	Mar. '13
72	C. Cherry	Oct. '61
73	A. Chesher	Dec. '82
74	G.M. Clarke	Mar. '93
75	A.T. Clementson	Feb. '76

Continued on next page

#	Speaker	Date of talk
76	T. Cole	Nov. '08
77	D. Collett (2)	Nov. '98 · Jan. '07
78	S.N. Collings	Nov. '51
79	D. Connor	May '03
80	J. Cook	Nov. '15
81	C. Cooke	Mar. '91
82	M. Coombes	Apr. '82
83	J. Coombs	Dec. '80
84	B.E. Cooper	Oct. '71
85	J.B. Copas (3)	Feb. '82 · May '85 · Jan. '94
86	G.A. Coutie	Jan. '58
87	D.R. Cox (6)	Apr. '58 · Nov. '61 · Jan. '68 · Apr. '70 · May '86 · Feb. '04
88	R. Cracknell	Dec. '05
89	J.M. Craddock	Nov. '69
90	R. Crawley	Oct. '82
91	F. Critchley (2)	Feb. '89 · Oct. '95
92	M.J. Crowther	Nov. '12
93	S.V. Cunliffe	Mar. '57
94	R.C. Curnow	Dec. '54
95	R.N. Curnow (2)	Feb. '66 · Nov. '89
96	J. Curtice	Nov. '07
97	P.A Daisley	Apr. '64
98	H.E. Daniels (3)	Feb. '59 · Nov. '64 · Feb. '68
99	S.C. Darby	Jan. '91
100	F.N. David	Apr. '83
101	N. Davies	Apr. '94
102	O.L. Davies (3)	Mar. '49 · Feb. '53 · Apr. '69
103	P. Davies	Mar. '86
104	T.P. Davis (3)	Apr. '93 · Oct. '02 · Mar. '11
105	J. Deels	Dec. '07
106	C. Denham	Apr. '82
107	M. Denham	May '10
108	D.J. Desmond (5)	Mar. '46 · Sept. '48 · Feb. '50 · Jan. '52 · Mar. '54
109	I. Diamond	Nov. '00
110	P. Diggle	Oct. '16
111	M. Dixon	Dec. '08
112	N. Dollimore	Dec. '95
113	H.F. Downton	Apr. '66
114	F. Duckworth	May '98
115	B.P. Dudding	Sept. '45 · Nov. '53

Continued on next page

#	Speaker	Date of talk
116	G. Dunn	Feb. '00
117	F. Dunstan	Oct. '09
118	J. Durbin	Mar. '74
119	T.E. Easterfield	Feb. '56
120	L.J. Eaves	Apr. '77
121	R. Edmondson	Oct. '05
122	A.W.F. Edwards	Dec. '73
123	A.S.C. Ehrenberg	Oct. '76
124	S. Eilon	Jan. '68
125	S. Eldridge	Nov. '11
126	D.M. Ellis	Dec. '64
127	T. Emmerson	Oct. '54
128	B.S. Everitt	Mar. '82
129	W.D. Ewan	May '56
130	M. Faddy	Mar. '03
131	T. Fearn	Jan. '82
132	D. Fenwick	Mar. '98
133	E. Ferri	Mar. '95
134	S. Ferris	May '15
135	C. Ferro	Dec. '03
136	M.C. Fessey	Apr. '72
137	A. Fielding	Apr. '82
138	T. Fielding	Jan. '98
139	N.R.J. Fieller	Oct. '91
140	P. Fiske	Nov. '60
141	J.S. Flemming	Nov. '80
142	A.D.J. Flowerdew	Feb. '72
143	B. Francis	Jan. '08
144	N.L. Franklin	May '56
145	G.H. Freeman (3)	Nov. '70 · Dec. '77 · Jan. '92
146	S. French	May '13
147	F.A. Friday	Oct. '47
148	T. Friede	Feb. '08
149	G. Furze	Dec. '12
150	R. Gadsden	Oct. '96
151	T. Gambling	Mar. '79
152	J. Gani	Feb. '67
153	M.G. Gibson	Feb. '94
154	W. Gibson	Jan. '01
155	J. Gilbert	Mar. '79

Continued on next page

#	Speaker	Date of talk
156	W.G. Gilchrist	Dec. '76
157	A. Girling (2)	Apr. '06 · Mar. '14
158	M. Girolami	May '16
159	T. Gladman	Apr. '80
160	A. Glass	Dec. '78
161	L.S. Goddard	Mar. '58
162	H. Goldstein (2)	Nov. '84 · Jan. '90
163	E.M. Goodwin	Nov. '78
164	S.M. Gore	Oct. '89
165	V.E. Gough (3)	Jan. '47 · Feb. '51 · Apr. '53
166	A.H. Gould	Mar. '68
167	J.C. Gower	Nov. '83
168	A.D. Grace	Jan. '53
169	A. Graham	Apr. '97
170	C.W.J. Granger	Nov. '67
171	A. Green	Jan. '02
172	P. Green	Nov. '05
173	A.A. Greenfield	May '94
174	M. Greig	Feb. '79
175	A. Grieve	Nov. '04
176	A.H.R. Grimsey	Oct. '45
177	D. Grove	Feb. '90
178	S. Haberman	Feb. '87
179	J. Haigh	May '01
180	J. Hajnal	Oct. '66
181	K.B. Haley (2)	Nov. '71 · Feb. '77
182	M. Hall	Jan. '68
183	H.C. Hamaker (2)	May '56 · Jan. '60
184	D.J. Hand (2)	Nov. '88 · Oct. '00
185	J. Harling (2)	May '57 · Oct. '57
186	P.J. Harrison (2)	Apr. '73 · Mar. '84
187	H.O. Hartley (2)	Mar. '47 · Feb. '52
188	A. Harvey	Feb. '95
189	C.M. Haslegrave	Oct. '83
190	N.A.J. Hastings	Jan. '68
191	P.J. Haywood	Apr. '79
192	K. Hemming	Feb. '15
193	D.F. Hendry	Dec. '84
194	A. Hewards	Nov. '53
195	D. Hewitt	Jan. '77

Continued on next page

#	Speaker	Date of talk
196	P. Hewson	Dec. '13
197	J. Hibbert	May '90
198	J. Hibbs	May '93
199	I.D. Hill	Oct. '80
200	P.G. Hill	Dec. '74
201	R. Hilliam	Mar. '04
202	M. Hills	Apr. '74
203	L. Hogben	Nov. '50
204	C. Holmes	Jan. '09
205	P. Holmes (2)	Oct. '77 · May '92
206	T. Holt	Nov. '05
207	N. Hunt	Jan. '00
208	J.L. Hutton	Mar. '16
209	S.D. Jacka	May '02
210	R.R.P. Jackson	May '57
211	V. Jackson	Oct. '65
212	H. James	Jan. '93
213	J.N.R. Jeffers	Jan. '72
214	G.M. Jenkins	Dec. '61
215	W.J. Jennett	Apr. '47
216	B.W. Jenney	May '71
217	D. Jerwood	Jan. '99
218	C. Johnston	Nov. '02
219	T.W. Johnston	Oct. '70
220	K. Jones	Apr. '82
221	E. Jowett	Feb. '70
222	G.H. Jowett	Mar. '54
223	M.R. Kattan	Nov. '93
224	J.E. Keen (2)	Oct. '50 · Mar. '75
225	K.W. Kemp	Feb. '60
226	C. Kempner	Jan. '96
227	D.G. Kendall	Oct. '56
228	M.G. Kendall (2)	Mar. '53 · Feb. '58
229	R. Kenna	Dec. '10
230	J. Kent	Oct. '98
231	J.F.C. Kingman	Mar. '70
232	A. Kirkham	Nov. '92
233	J. Kirkham	Feb. '11
234	E.A.G. Knowles (2)	Oct. '51 · Nov. '56
235	E.G. Knox (2)	Mar. '73 · Dec. '86

Continued on next page

#	Speaker	Date of talk
236	T.O.M. Kronsjö	Apr. '71
237	G. Lancaster	Feb. '14
238	A.H. Land	Nov. '58
239	K.F. Lane	Oct. '55
240	A.J. Lawrance (2)	May '85 · Oct. '99
241	A.M. Lee (2)	May '57 · Jan. '61
242	D.M. Lee	Oct. '60
243	C.H. Leigh-Dugmore (2)	Oct. '53 · Apr. '56
244	R.H.S. Lesser (2)	Oct. '57 · May '58
245	P. Levy	Oct. '67
246	C.D. Lewis	Apr. '78
247	J.A. Lewis	Mar. '92
248	P.O. Lewis	May '71
249	T. Lewis	Dec. '65
250	D.A. Lievsley	Oct. '92
251	R. Lilford	Mar. '01
252	D.V. Lindley (3)	Dec. '58 · May '60 · Jan. '73
253	E. Little	Mar. '06
254	D.E. Lloyd	Oct. '72
255	E.H. Lloyd	Oct. '60
256	Z.A. Lomnicki	Mar. '63
257	P. Lyle (2)	Nov. '48 · Apr. '51
258	P. MacAskill	Nov. '10
259	D. MacKay	Apr. '09
260	G.M. MacKay	Jan. '83
261	H.C. MacKenzie	May '58
262	H. Mader	Feb. '07
263	T. Marshall (2)	Oct. '97 · Jan. '03
264	B.J.A. Martin (3)	Feb. '47 · Oct. '52 · Apr. '55
265	P. Matejic	Oct. '06
266	K. Mather	Oct. '79
267	T.U. Matthew (2)	Jan. '49 · Nov. '49
268	R. Matthews (2)	May '96 · Mar. '07
269	G. Maycock	Feb. '88
270	I. McCallum	Nov. '94
271	P.J. McCarthy	May '87
272	K. McConway	Dec. '15
273	R. Mead (2)	Apr. '82 · Jan. '88
274	E.F. Mellen	Mar. '71
275	A. Metcalfe	Mar. '97

Continued on next page

#	Speaker	Date of talk
276	M. Milbourn (3)	Feb. '46 · Nov. '46 · Sept. '52
277	A.J. Miller	Oct. '63
278	B. Mirkin	Feb. '06
279	B. Morgan	Apr. '08
280	M.J. Moroney (4)	Jan. '53 · Nov. '53 · Feb. '55 · Jan. '59
281	C.A.N. Morris	Jan. '97
282	R. Mortimore	Feb. '98
283	G. Morton	May '60
284	C.A. Moser (2)	Nov. '60 · Feb. '71
285	B. Moss	Mar. '90
286	H. Mounsey	Apr. '82
287	A. Muir	Nov. '66
288	J. Murdoch (2)	Mar. '52 · Nov. '52
289	F.I. Musk (2)	Apr. '57 · Mar. '65
290	H. Neave	May '91
291	J.A. Nelder (3)	Apr. '62 · Jan. '69 · Oct. '81
292	J. Nellis	Dec. '90
293	A. Nevill (2)	Nov. '97 · Nov. '03
294	R.F. Newby	Oct. '59
295	D.J. Newell (2)	Mar. '67 · Jan. '85
296	R.A. Newland (2)	Oct. '75 · Dec. '85
297	D. Newman	Nov. '45
298	R.G. Newton	Oct. '69
299	J. Nicholl	Dec. '94
300	C. Nixon	Oct. '87
301	S.W. Nixon	Nov. '53
302	E.T. Norris	Dec. '47
303	P. Norris	Apr. '82
304	A. O'Hagan	Jan. '86
305	S. Openshaw	Apr. '82
306	A. Owen	May '11
307	R. Padley	Mar. '55
308	E.S. Page	Oct. '58
309	M.K. Palmer	Mar. '81
310	T. Palmer	Nov. '13
311	C. Payne	Oct. '15
312	D.J. Payne	Nov. '77
313	M.G. Peakman	Jan. '52
314	L. Pearl	Feb. '92
315	E.S. Pearson	Jan. '67

Continued on next page

#	Speaker	Date of talk
316	M.G. Pearson	Mar. '83
317	K. Phelps	Mar. '99
318	M.C. Pike (2)	Dec. '63 · Mar. '72
319	R. Pinchuk	Oct. '90
320	R.W. Pipe	Jan. '78
321	R.L. Plackett	Oct. '74
322	I. Plewis	Mar. '05
323	M.A. Porter (2)	May '88 · Feb. '01
324	R. Poultney	Feb. '93
325	M.B. Priestley	Mar. '69
326	J.C. Pritchard	Mar. '58
327	R.W.S. Pryke	Mar. '77
328	R. Pucj-Solis	Feb. '03
329	I.M. Puzey	Mar. '76
330	F.G. Pyatt	Jan. '74
331	D. Pyle	Feb. '07
332	N.A. Rahman	Nov. '64
333	A.M. Rajput	Nov. '64
334	J.B. Ramsey	Feb. '73
335	M. Rayson	Mar. '91
336	D.R. Read (3)	Oct. '62 · Jan. '64 · Apr. '65
337	R. Reader	Oct. '05
338	D.H.S. Rees (2)	Jan. '54 · Apr. '60
339	P. Rees	Apr. '82
340	J.D. Right	Feb. '92
341	B.H.P. Rivett	Apr. '63
342	P. Robinson	Mar. '15
343	A. Roddam	May '12
344	J.W. Rodgers	Sept. '49
345	J.K. Rogers	Dec. '14
346	H.F. Ross	Apr. '67
347	A. Rouse	Dec. '01
348	I.T. Russell	Mar. '80
349	D. Rutter	Jan. '84
350	P.W. Sand	Nov. '73
351	F. Sandon	Dec. '53
352	R. Scaife	Feb. '02
353	A.J. Scallan	Apr. '96
354	P. Scarf	Oct. '04
355	A.F. Schaafsma	May '57

Continued on next page

#	Speaker	Date of talk
356	G.W. Scott Blair	Oct. '55
357	A. Seheult	Mar. '89
358	S. Senn (2)	Dec. '96 · Mar. '12
359	J.R. Sexton	Jan. '76
360	T. Sharot	Mar. '94
361	C. Sharp	May '89
362	A.E. Shaw	Mar. '48
363	R. Shaw	Mar. '02
364	E.D.R. Shearman	Feb. '81
365	P. Shepheard	Nov. '75
366	L. Simpson	Dec. '02
367	M.G. Simpson	May '60
368	R.J. Smeed	Dec. '69
369	C.A.B. Smith (2)	Dec. '62 · Nov. '68
370	R.L. Smith	Oct. '88
371	J. Sonander	Feb. '02
372	F. Song	Oct. '01
373	T. Sparks (2)	Oct. '08 · Dec. '11
374	D.J. Spiegelhalter (3)	Dec. '83 · Nov. '09 · Oct. '16
375	D.J. Spurrell	Oct. '69
376	P.J. Stanley	Mar. '59
377	J.R.N. Stone	Jan. '56
378	M. Stook	Jan. '96
379	C. Stronach	Jan. '96
380	I. Sutherland	Nov. '74
381	A. Sutton	Jan. '04
382	A.W. Swan	Feb. '49
383	H.W. Symons	Feb. '75
384	J.C. Tanner	Feb. '61
385	R. Tarling	Oct. '86
386	T.B. Tate	Apr. '75
387	J. Tawn	Feb. '09
388	J. Taylor	Dec. '60
389	M. Thelwall	Mar. '09
390	D. Thind	Apr. '82
391	J. Thirlwell	Jan. '95
392	R. Thomas	Oct. '03
393	J. Thompson	Mar. '00
394	R. Thompson	Oct. '70
395	G. Thomson	Apr. '82

Continued on next page

#	Speaker	Date of talk
396	P. Thwaites	Oct. '13
397	L.H.C. Tippett (4)	Dec. '50 · Oct. '54 · Mar. '58 · Dec. '68
398	K.D. Tocher (4)	Nov. '55 · Mar. '60 · Apr. '68 · Oct. '73
399	R.C. Tomlinson	Nov. '62
400	P. Trower	Nov. '95
401	W.T. Truscott	Jan. '75
402	R. Turner	Feb. '13
403	J. Tyler	Feb. '78
404	J. Urquhart	Feb. '85
405	S. Vajda (3)	May '60 · Mar. '64 · May '74
406	E.D. van Rest (5)	Jan. '46 · May '48 · Apr. '49 · Nov. '53 · May '58
407	P. Wadhams	Nov. '82
408	C. Wainwright	Oct. '48
409	M. Wallis	Nov. '99
410	P.N. Wallis	Dec. '59
411	A.A. Walters	Feb. '64
412	D.H. Ward	Jan. '65
413	J.B. Ward	Dec. '81
414	J.A.H. Waterhouse (2)	Oct. '64 · Feb. '84
415	G. Watts	Oct. '78
416	N.L. Webb	Jan. '66
417	G. Weiss	Feb. '69
418	M. Wenham	Mar. '08
419	A.S. Wharton (2)	Oct. '46 · Oct. '49
420	A.P. White	Apr. '85
421	I. White	Feb. '16
422	J. Whitley	Dec. '89
423	P. Whittle	Dec. '67
424	L.T. Wilkins (3)	Nov. '47 · Feb. '54 · Feb. '62
425	G.N. Wilkinson	Dec. '72
426	F. Willekens	Apr. '82
427	H. Williams	Oct. '11
428	J. Wilson	Nov. '90
429	D.M.G. Wishart (2)	Nov. '59 · May '00
430	A. Wood	Nov. '06
431	G. Woodcock	Dec. '14
432	R. Woodman (2)	Dec. '66 · Jan. '68
433	P. Woodward	Feb. '96
434	L. Worrall (2)	Nov. '87 · Dec. '98
435	P. Worthington	Dec. '88

Continued on next page

#	Speaker	Date of talk
436	C.C. Wright	Oct. '84
437	D. Wright	Oct. '94
438	H. Wynn	Nov. '96
439	H.P. Wynn	Feb. '83
440	J. Yao	Feb. '10
441	A. Young	Jan. '63
442	S.K. Zaremba (2)	Dec. '57 · Feb. '63
443	E.C. Zeeman	Mar. '78