LMS NEWSLETTER

No. 74 *December 1980*

DATES OF SOCIETY MEETINGS

Friday, 16 January 1981, Burlington House—W. Moran and A. Sinclair.

Friday, 20 February 1981, Burlington House.

Friday, 20 March 1981, Burlington House.

Friday, 15 May–Saturday, 16 May 1981. Two-day meeting in Leeds.

Friday, 19 June 1981, Burlington House.

D. A. BRANNAN

DURHAM SYMPOSIA

The Durham Symposia Committee is now beginning to plan the programme from 1983 onwards. If you have any suggestions for symposia (not necessarily organised by yourself, and not necessarily organised by a member of the Society), or would like any information about the arrangements, please get in touch with T. J. Willmore or myself, or any other member of the Committee (P. M. Cohn, J. Crank, A. B. Tayler, C. T. C. Wall).

J. R. RINGROSE

FOURTH TOPOLOGY SYMPOSIUM

The Symposium will be held in Edinburgh, 30 June–2 July 1981. It is being organized by J. F. Adams, I. M. James, E. G. Rees, and supported by the London Mathematical Society, Pergamon Press, and the Royal Society.

The programme will consist of ten to twelve one-hour lectures by invited speakers on various aspects of topology, especially algebraic topology. Those who have already agreed to speak include T. tom Dieck, E. Dror, W. Dwyer, C. McA. Gordon, R. Lashof, J. P. May and R. J. Milgram.

Further details are available from Professor E. G. Rees, Department of Mathematics, James Clerk Maxwell Building, King's Buildings, Mayfield Road, Edinburgh EH9 3JZ, Scotland, U.K.

UNIVERSITY MATHEMATICS TEACHING CONFERENCE 1980

The conference will be held in Nottingham, running from Tuesday, 16 December to Friday, 19 December 1980. As usual, the main work of the Conference will be done in working groups, which will produce reports on the basis of a Brief; each group will work on one of two themes. Plenary sessions will be used to provide information on topics of common interest.

The principal theme this year will be "Adapting the undergraduate curriculum to the needs of society", and the second theme is "Video and microcomputers in undergraduate teaching". Heads of Mathematics Departments in the U.K. have received details of the Conference and are being asked to nominate representatives.

D. SINGMASTER

DURHAM SYMPOSIUM ON OPERATOR ALGEBRAS

A Durham Symposium on Operator Algebras will be held on 27 July–6 August 1981 in Grey College, Durham.

Attendance is primarily by invitation but interested mathematicians who have not been invited and would like to attend should write to either B. E. Johnson, School of Mathematics, The University, Newcastle-upon-Tyne NE1 7RU, or J. R. Ringrose at the same address.

1981 JUNIOR BERWICK AND JUNIOR WHITEHEAD PRIZES

In summer 1981 the Council will be awarding a Junior Berwick Prize and one or more Junior Whitehead Prizes. Committees will shortly be appointed to consider these prizes.

Meantime members of the Society are invited to submit their views confidentially in writing by 15 February 1981, to the Council Secretary (the undersigned), from whom the detailed regulations and procedure for the award of each Prize may be obtained. The principal points that members should note are stated in detail in the November *Newsletter*.

D. A. BRANNAN

1980 PRIZES—CORRECTION

Dr. J. T. Stafford and Dr. H. G. Dales have been awarded Junior Whitehead Prizes, not Junior Berwick Prizes as stated in the October *Newsletter*.

D. A. BRANNAN

CAMBRIDGE ASSISTANT LECTURESHIP

Applications are invited for a University Assistant Lectureship in Pure Mathematics. The appointment will be for three years with a possibility of reappointment for two years. The scale of stipends for persons not ordinarily resident in College is £5,875 rising by four annual increments to £7,555.

Applications with curriculum vitae and the names of not more than three referees should reach the Secretary of the Faculty of Mathematics, 16 Mill Lane, Cambridge CB2 1SB by 6 December 1980.

Enquiries to Professor J. W. S. Cassels, Head of Department of Pure Mathematics and Mathematical Statistics at the above address (tel. Cambridge 65621, ext. 212).

GROUPS—ST. ANDREWS 1981

This conference is sponsored by the London Mathematical Society and will be held in St. Andrews from 25 July to 1 August 1981. The main topics at the conference will be: combinatorial group theory; infinite groups; general groups, finite or infinite; computational group theory. The main speakers will be Professor J. Neubüser (Aachen), Professor D. J. S. Robinson (Illinois), Professor S. Tobin (Galway) and Professor J. Wiegold (Cardiff). Further information may be obtained from either of the joint organisers Dr. C. M. Campbell and Dr. E. F. Robertson, Mathematical Institute, University of St. Andrews, North Haugh, St. Andrews KY16 9SS, Fife, Scotland.

PROFESSOR PAUL ERDÖS

The National Academy of Science of the U.S.A. has recently elected Paul Erdös as a Foreign Associate. Professor Erdös is an Honorary Member of the L.M.S.

VISITING MATHEMATICIANS

This list is supplementary to the one published in the October *Newsletter*. A further list will appear next month.

Name	*Home University*	*Visiting*	*Dates of Visit*
R. F. Faudree	Memphis	Aberdeen	Sept.–Dec. 1980
R. T. Ang	Malaya	Birmingham	June–Dec. 1980
K. G. Smith	Queensland	Bristol	Sept. 1980–Feb. 1981
G. Baumslag	CUNY	Cambridge	Oct. 1980–Sept. 1981
W. F. Brady	Connecticut	Cambridge	Oct. 1980–Sept. 1981
W. J. Davis	Ohio	Cambridge	Oct. 1980–Sept. 1981
P. J. Freyd	Pennsylvania	Cambridge	Oct. 1980–Sept. 1981
Z. Gorgadzhe	Tbilisi	Cambridge	Oct. 1980–Sept. 1981
J. W. Grossman	Rochester	Cambridge	Sept.–Dec. 1980
F. Harary	Michigan	Cambridge	Oct. 1980–Sept. 1981
Li di Lang	China	Cambridge	Oct. 1980–
M. H. Lim	Malaya	Cambridge	Aug. 1980–May 1981
G. C. E. Prins	Detroit	Cambridge	Sept.–Dec. 1980
D. W. Sida	Carleton	City	Oct. 1980–Sept. 1981
J. Thomas	New Mexico	Dundee	Sept. 1980–June 1981
M. E. Muldoon	Toronto	Dundee	Sept. 1980–June 1981
S. W. Schoombie	S. Africa	Dundee	Sept. 1980–Dec. 1980
J. P. Williams	Indiana	Edinburgh	Sept. 1980–June 1981
G. P. Knowles	Pittsburgh	Heriot-Watt	Oct. 1980–Sept. 1981
B. Noble	Wisconsin	Lancaster	Oct. 1980–Sept. 1981
P. C. Eklof	California	Bedford	Oct. 1980–July 1981
M. P. Drazin	Purdue	Bedford	Oct. 1980–July 1981
R. D. Grone	Auburn	Chelsea	Oct. 1980–Sept. 1981
A. Pazman	Czechoslovakia	Imperial	Sept. 1980–Dec. 1980
M. Stephens	Simon Fraser	Imperial	Sept. 1980–Aug. 1981
I. Reiner	Illinois	Kings	Aug. 1980–Jan. 1981
J. J. Cannon	Sydney	Queen Mary	Nov. 1980–April 1981
G. H. Orland	California	University	Oct. 1980–Sept. 1981
J. B. Townley	Cork	University	Oct. 1980–Sept. 1981
J. A. Goldstein	New Orleans	University & Westfield	Oct. 1980–Sept. 1981
S. O. Fatunla	Nigeria	Loughborough	Oct. 1980–Oct. 1981
A. O. Asar	Turkey	Manchester	Sept. 1980–Mar. 1981
R. D. Steel	Illinois	Manchester	Aug. 1980–Aug. 1981
Yu Kun-Rui	Peking	Nottingham	Oct. 1980–April 1981
G. Roy	Canada	Open	Oct. 1980–Sept. 1981
W. Franholz	W. Germany	Open	Aug. 1980–March 1981
F. Lockwood-Morris	Syracuse	Oxford	Oct. 1980–Oct. 1981
R. Aharoni	Technion	Reading	Aug. 1980–July 1981
R. McFadden	Illinois	St. Andrews	Sept. 1980–May 1981
R. W. Andrews	Michigan	Southampton	Sept. 1980–July 1981
E. J. Borg Costanzi	Malta	Southampton	June 1980–
R. Picard	Bonn	Strathclyde	Oct. 1980–Sept. 1981
B. Sherman	Adelaide	Surrey	Aug. 1980–Dec. 1981
L. C. Sulski	Massachusetts	Sussex	Oct. 1980–June 1981
D. K. Naylor	W. Ontario	Sussex	Sept.–Dec. 1980
P. S. Cally	Monash	Ulster	3 years
G. Williams	Deland	Bangor	Aug.–Dec. 1980
R. Ito	Waseda	Warwick	Sept. 1979–Aug. 1981
D. Meier	Zurich	Warwick	Sept. 1979–Aug. 1981
J. Thevenaz	Lausanne	Warwick	Oct. 1979–Oct. 1981
T. Ishihawa	Tokushima	Warwick	Dec. 1980–Aug. 1981
J. Smoller	Michigan	Warwick	June 1980–Aug. 1981
Z. Gaspar	Budapest	Warwick	Oct. 1980–Feb. 1981
T. Koufogiorgos	Ionannina	Warwick	Sept. 1980–Feb. 1981
A. Machado	Lisbon	Warwick	Oct. 1980–April 1981
A. Juhasz	Jerusalem	Warwick	Sept. 1980–Aug. 1981

New Books in the
LONDON MATHEMATICAL SOCIETY
LECTURE NOTE SERIES

40. Introduction to H_p Spaces

PAUL KOOSIS

An up-to-date exposition of the basic theory of H_p (Hardy) spaces from the concrete point of view. Professor Koosis goes through the classical part of the subject, treating many of its more recent developments and giving new proofs to some older theorems. **Members' Price £7.46**

42. Topics in the Theory of Group Presentations

D.L.JOHNSON

These notes comprise an introduction to combinatorial group theory. In this new edition the treatment of a number of topics has been improved and expanded, and there are new chapters on the triangle groups, small cancellation theory and groups from topology. **Members' Price £10.50**

43. Graphs, Codes and Designs

P.J.CAMERON and J.H.VAN LINT

This book is concerned with the relations between graphs, error-correcting codes and designs, in particular how techniques of graph theory and coding theory can give information about designs. This book is a major revision and expansion of a previous volume in the series. **Members' Price £6.19**

44. ZZ/2 — Homotopy Theory

M.C.CRABB

This account is a study of twofold symmetry in algebraic topology. The author discusses specifically the antipodal involution of a real vector bundle – multiplication by -1 in each fibre; doubling and squaring operations; the symmetry of bilinear forms and hermitian K-theory. **Members' Price £5.21**

Members of the LMS should send their orders, accompanied by the appropriate remittance, to the Science Publicity Controller, Cambridge University Press, P.O. Box 110, Cambridge CB2 3RL.

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LONDON MATHEMATICAL SOCIETY

DR. A. SINCLAIR (Edinburgh)

WIENER'S TAUBERIAN THEOREM FROM THE GAUSSIAN SEMIGROUP

PROFESSOR W. MORAN (Sheffield)

RECENT DEVELOPMENTS IN THE REPRESENTATION THEORY OF LOCALLY COMPACT NILPOTENT GROUPS

FRIDAY, 16th JANUARY, 1981, at 3.30 p.m.

Geological Society's Meeting Room,
Burlington House,
Piccadilly, London W1V 0NL

All interested are very welcome

Tea will be served at 4.30 p.m.