

LONDON MATHEMATICAL SOCIETY

FRIDAY, 16 NOVEMBER 1979

3.00 p.m. Dr. D. R. Woodall (Nottingham)
EXISTENCE AND EXTERNAL
THEOREMS IN COMBINATORIAL
ANALYSIS

4.30 p.m. ANNUAL GENERAL MEETING

5.00 p.m. Professor D. G. Larman (London)
RECENT PROGRESS IN
CONVEXITY

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

All interested are very welcome

Tea will be served at **4.00 p.m.**

PLEASE NOTE: The times have been adjusted to
give adequate time for the AGM

LMS NEWSLETTER

No. 63

November 1979

DATES OF SOCIETY MEETINGS

The Programme Committee now arranges speakers for some time in advance; their names are given in parenthesis. Again, please note that 15 February has been added, and that henceforth meetings are on the third Friday of October, November, January, February, March, May and June. Consequently the Whitehead Lecture will take place at a later date than heretofore.

Friday, 16 November 1979, Burlington House. Annual General Meeting. (D. R. Woodall & D. G. Larman).

Friday, 18 January 1980, Burlington House (C. St. J. A. Nash-Williams & K. J. Devlin).

Friday, 15 February 1980, Burlington House (R. Heath-Brown).

Friday, 21 March 1980, Burlington House (L. Nirenberg & J. D. Murray).

Friday, 16 May–Saturday, 17 May 1980. Two-day meeting at Manchester.

Friday, 20 June 1980, Burlington House (J. C. Clunie & J. Eells).

D. B. SINGMASTER

ANNUAL GENERAL MEETING

The Annual General Meeting of the London Mathematical Society will be held on Friday, 16 November 1979, at 4.30 p.m. in Burlington House, Piccadilly, London W1V 0NL.

The Report of the Treasurer will be read.

The Council of the Society proposes that a new By-Law (No. I, 11), whose text follows this Notice, be approved by the Annual General Meeting. Its purpose is to clarify the period for which Members-at-Large of the Council may be elected.

The Meeting is empowered by Article 18 of the Statutes of the Society and by By-Law I, 10 of the By-Laws of the Society to elect 20 Members to form a Council and Officers for the ensuing year. The Meeting will also appoint Auditors.

A List of those Members who have been recommended by the present Council (acting under this Article and under By-Laws I, 2, 3, 4, 6 and 11) for election as the Council and Officers for the coming year

appears opposite. Under By-Law I, 7 you have power to add any eligible names which are not already contained in that List. Such names as you do not vote for should then be struck out until the whole number, including the Officers, is reduced to 20. However the List must contain at least two names of Members not on the Council during the present Session. The Officers must consist of a President, Vice-Presidents, Treasurer, Librarian and Secretaries.

Notice that the Council has nominated more than 20 names; please ensure that after additions and deletions your List contains exactly 20 names.

If you do not attend the Meeting your vote will be counted if your List, duly signed and addressed to "The Scrutineers, London Mathematical Society, Burlington House, Piccadilly, London W1V 0NL" is received at least 36 hours before the time of the Meeting.

DAVID A. BRANNAN

TEXT OF PROPOSED BY-LAW I, 11

(i) Members of Council shall be elected to serve for a stated period of not more than two years, and shall be re-eligible for election except at the close of six years of continuous service.

A Member of Council retiring after such a six-year period shall be re-eligible after the lapse of one year.

Official Service, as defined below, shall not be counted towards a six-year period.

(ii) Official Service shall here mean Membership of Council while holding any Council Office other than that of Vice-President.

(iii) No person shall hold any one Council Office continuously for more than 10 years. A Council Officer vacating his Office after such a 10-year period shall be re-eligible to hold that same Office after the lapse of one year.

ANNUAL DINNER

The Annual Dinner will be at the Locanda Restaurant of the Swiss Centre, Coventry Street corner of Leicester Square, at 6.15–6.30 for 6.45–7.00 on 16 November 1979. As usual, members may bring guests. The meal is a special fondue meal, comprising: *Délices de Grisons* (a Swiss anti-

pasto), Cheese Fondue, Salad, Soufflé Glacé Grand Marnier with Swiss white wine and coffee included for £8.50 per person. Please send the attached booking form and payment to me by 9 November.

D. B. SINGMASTER

JOURNAL DISCOUNTS

The Society has made arrangements for members to subscribe at advantageous rates to several journals via the Society. Members may subscribe to the Journal of Applied Probability (vol. 17) for £9.35, the Quarterly Journal of Mathematics (vol. 31) for £10 and the Mathematical Proceedings of the Cambridge Philosophical Society (vol. 87–88) for £15. (Members of the Cambridge Philosophical Society should continue to subscribe to their Proceedings directly, *not* via the L.M.S.) Members may subscribe to these on the annual subscription form.

Members of the Society can also subscribe directly to *Mathematika* at a discount rate. Details are printed in *Mathematika* or may be obtained from *Mathematika*, University College London, Gower Street, London WC1E 6BT. Members may also subscribe at a discount to the (translated) Transactions of the Moscow Mathematical Society from the American Mathematical Society, P.O. Box 6248, Providence, Rhode Island, 02904, U.S.A.

D. B. SINGMASTER

DURHAM SYMPOSIA

The Durham Symposia Committee is now beginning to plan the programme from 1982 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 (J. F. Adams, P. M. Cohn and J. Crank).

J. H. WILLIAMSON

PERSONAL ITEM

Professor P. J. Hilton (Case Western Reserve University, Cleveland) has recently been elected a Corresponding Member of the Brazilian Academy of Science.

B. E. JOHNSON

DUNDEE CONFERENCE ON DIFFERENTIAL EQUATIONS

A conference on ordinary and partial differential equations will be held at the University of Dundee, Scotland from Monday, 31 March to Friday, 4 April 1980.

Further details can be obtained by writing to E. R. Dawson, Department of Mathematics, The University, Dundee DD1 4HN, Scotland, U.K.

SEMINAR ON COMPLEX ANALYSIS

The International Centre for Theoretical Physics will organise a seminar on Complex Analysis in Trieste, Italy on 7–31 July 1980. It will be directed by A. Andreotti (Pisa), J. Eells (Warwick) and I. M. Singer (Berkeley).

The first half of the seminar will be devoted to introductory courses, each given by a leading authority, with the intention of introducing the non-specialist to the basic problems of the subject. These are: Background material in holomorphic function theory, manifolds, and fibre bundles; Elements of Kähler geometry; Cauchy-

Riemann differential systems; Pseudoconvexity and complex boundary value problems; Applications to the Penrose transform, Stable vector bundles, Applications of the index theorem.

The second half will consist of research contributions in order to provide the scholars with sufficient material to work with once they are back in their own countries.

Further details can be obtained by writing to International Centre for Theoretical Physics, P.O. Box 586, I-34100, Trieste, Italy.

BALLOT PAPER FOR 1979 COUNCIL ELECTIONS

The following have been nominated by the present Council:

President

C. T. C. Wall, Ph.D., F.R.S.

Vice-Presidents

A. W. Goldie, M.A.

*P. J. Higgins, M.A., Ph.D.

Treasurer

R. L. E. Schwarzenberger, M.A., Ph.D.

Librarian

P. McMullen, M.A., Ph.D.

Publications Secretary

S. A. Robertson, F.Sc., Ph.D.

Council and General Secretary

D. A. Brannan, Ph.D.

Meetings and Membership Secretary

*R. Bailey, M.A. D.Phil.

Members-at-Large (one-year term)

*R. Brown, M.A., D.Phil.

D. E. Edmunds, B.Sc., Ph.D.

D. B. A. Epstein, Ph.D.

H. Halberstam, M.Sc., Ph.D.

P. M. Neumann, M.A., D.Phil.

P. A. Samet, B.Sc., Ph.D.

D. B. Singmaster, M.A., Ph.D.

J. H. Williamson, M.A., Ph.D.

Members-at-Large (two-year term)

G. R. Allan, M.A., Ph.D.

*N. L. Biggs, M.A.

*P. M. Cohn, M.A., Ph.D.

D. J. Collins, B.Sc., M.A., Ph.D.

*B. J. Philp, M.Sc.

J. S. Pym, B.Sc., Ph.D.

*J. T. Stuart, Ph.D., F.R.S.

*Members whose names appear with an asterisk are not on the retiring Council.

Member's signature

NOTE: Please check that your list, after additions and deletions, contains exactly TWENTY names!

NOTE: If you wish to vote please bring this List to the Annual General Meeting, or post it to "The Scrutineers, London Mathematical Society, Burlington House, Piccadilly, London W1V 0NL" to arrive at least 36 hours before the Meeting—in an envelope containing no other correspondence (in particular, *not* containing a booking form for the Annual Dinner).

ANNUAL DINNER, 16 NOVEMBER 1979

I wish to book.....places for the Annual Dinner at £8.50 per person. I enclose payment. (Please make cheques payable to the London Mathematical Society.)

Name (Please print)

Address

Please return bookings by Friday, 9 November to D. Singmaster, Department of Mathematics, Polytechnic of the South Bank, London SE1 0AA.

THE AUSTRALIAN NATIONAL UNIVERSITY

invites applications for appointment as

RESEARCH FELLOW IN MATHEMATICS

in the

RESEARCH SCHOOL OF PHYSICAL SCIENCES

Current departmental research interests include number theory, group theory (computational group theory, Burnside problems, groups of prime-power order, and varieties), global analysis and harmonic analysis, ordinary differential equations and control theory, foundations and set theory, linear algebraic groups, and combinatorics, but applications will be considered in any field of mathematics. Salary range \$16,291–\$21,265 per annum Australian currency (present exchange rate \$A1 = UK 51p). Appointment for three years with possible extension to five years. Reasonable appointment costs. Superannuation. Assistance with finding accommodation.

Applicants should write to:

The Registrar,
PO Box 4,
Canberra ACT 2600,
Australia

for further particulars before submitting applications, which close on 10 NOVEMBER 1979.