

LONDON MATHEMATICAL SOCIETY

ANNUAL GENERAL MEETING

PROFESSOR M. F. ATIYAH, F.R.S.

PRESIDENTIAL ADDRESS

FRIDAY 19th November, 1976, at 5 p.m.

Geological Society's Meeting Room,
Burlington House,
Piccadilly,
London, W.1.

Tea will be served at 4.30 p.m. in the Royal Astronomical Society's rooms in Burlington House.

LMS NEWSLETTER

No. 33

November 1976

ANNUAL GENERAL MEETING

The Annual General Meeting of the London Mathematical Society will be held on Friday, 19 November 1976, in the Geological Society Lecture Room, Burlington House, Piccadilly, London W1V 0NL, at 5 p.m.

The report of the Treasurer will be read.

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 twenty 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) for election as the Council and Officers for 1976-77 is enclosed. *Under By-Law I, 7 you have power to add*

any eligible names that are not already contained in this list. Such names as you do not vote for should be struck out until the whole number, including the Officers, is reduced to twenty; but the list must contain at least two names of Members not on the Council for the session 1975-76. The Officers must include a President, Vice-Presidents, a Treasurer, a Librarian, and a Secretary or Secretaries.

Council shall appoint Editors of the *Proceedings*, *Journal* and *Bulletin* who shall be Members of the Society and shall take charge of these publications under the direction of the Council. Council may appoint one or more Assistant Editors for any of these publications, who shall also be Members of the Society.

D. A. BRANNAN

ANNUAL DINNER

As announced in the September Newsletter, the Annual General Meeting, on Friday, 19 November 1976, will be followed by the Annual Dinner. This will take place in the Cavendish Hotel, Jermyn Street, London, S.W.1. at 6.45 p.m. for 7.15 p.m. As usual members may bring guests. Sherry, wines, etc., will be available for

purchase throughout the evening. The cost of the Dinner will be £4.50. Members who wish to come to the Dinner should complete the enclosed form and send it to me with their remittance. No tickets will be issued, but all postal bookings will be acknowledged.

J. L. BRITTON

TWO-DAY MEETING AT BIRMINGHAM: FIRST NOTICE

A two-day meeting of the Society will be held at the University of Birmingham from 2 p.m. Friday 14 January until Saturday afternoon 15 January 1977. There will be four one-hour talks, two on Friday and two on Saturday. Speakers will include A. Douady, I. Macdonald. Detailed programme and information about hotels, meals, etc. will appear in the next

issue of the *Newsletter*.

Lecture rooms will be available for informal discussions or splinter groups until 5 p.m. on Saturday. Anyone wishing to participate in or organise such a discussion is asked to inform B. J. Philp, Department of Pure Mathematics, The University of Birmingham, Birmingham B15 2TT.

SUPPORT FOR CONFERENCES

The scheme for conference support by the London Mathematical Society is to be continued. In general, it is intended that the money shall be used for small conferences, or for small items that cannot be covered by grants from other sources.

Applications for support should include full organisational details of the conference, the proposed budget and available information about the conference programme. Enquiries and applications should be addressed to Professor C. T. C. Wall, Department of Pure Mathematics, Uni-

versity of Liverpool L69 3BX. Applications may be made at any time, but the main allocation of money for the year will probably take place about March.

Last session, applications were received in respect of three conferences: Permutation Groups (Oxford, 7-11 May), Logic Colloquium (Oxford, 19-30 July) and Transformation Groups (Newcastle 4-11 August). In each case a grant of £150 was authorised, and was spent on partial support of participants.

C. T. C. WALL

A NOTE FROM THE EDUCATION COMMITTEE

Last December a conference was organised in Nottingham on "Adapting University Mathematics to current and future educational needs". It was run on participatory lines, and most Universities sent participants representing the different sub-disciplines of Mathematics (Pure, Applied, Statistics, Computing). These indicated enthusiastically that they had found the conference valuable and suggested various possible themes for further conferences. Consultations made at the British Mathematical Colloquium in Aberystwyth at Easter indicated that there was most interest in a conference on the Honours Mathematics curriculum as a whole, and its relationship to the supply of undergraduates. Therefore a "Conference on the Supply of Honours Mathematics Graduates" is planned for December, 1976, and preliminary details have been sent to Heads of Mathematics Departments.

The last conference suggested that such conferences might best be sponsored by the Joint Mathematical Council of the U.K.

since it is composed of representatives of all the principal Mathematical professional organisations in Britain (see *NEWSLETTER*, April 1975). As a result, the JMC will sponsor the proposed conference and the Organising Committee consists of members of the London Mathematical Society, together with certain individual members of the JMC who are concerned professionally with the training of Mathematics graduates for the Post-graduate Certificate of Education (PGCE). The conference will be concerned with the qualities required by Mathematics graduates in various types of employment.

It is expected that the present Conference will raise many subsidiary questions. The JMC will most probably sponsor discussion of these via *small* groups of interested specialists, later, rather than having conferences with attendance from all University Mathematics Departments. (Already, the Institute of Mathematics and its Applications has held short Conferences on such matters as the Academic/Industry interface.)

H. B. GRIFFITHS

COLLINGWOOD PRIZE

The Collingwood Prize which has been given by the London Mathematical Society in memory of Sir Edward Collingwood has been awarded this year to Mr. A. H. Whitfield, Grey College. Whitfield obtained a

First Class Honours Degree in Mathematics at this University and is proceeding to Sunderland Polytechnic to work for a Ph.D.

E. J. SQUIRES

29th BRITISH MATHEMATICAL COLLOQUIUM

The 29th British Mathematical Colloquium will be held at Edinburgh University between 28 March and 1 April 1977. A combined programme-application form will be circulated with the next L.M.S. *Newsletter*, and will also be available in Department of Mathematics offices from

the beginning of November. Costs will be in line with those at the last B.M.C. Further information can be obtained from Mr. D. Desbrow, or Dr. J. D. P. Meldrum at Department of Mathematics, James Clerk Maxwell Building, King's Buildings, Mayfield Road, Edinburgh EH9 3JZ.

COUNCIL FOR THE SESSION 1976-77

The following have been nominated by the present Council:

President

J. W. S. Cassels, M.A., Ph.D., F.R.S.

Vice-Presidents

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

W. Ledermann, Ph.D., D.Sc., F.R.S.E.

Treasurer

I. M. James, M.A., D.Phil., F.R.S.

Librarian

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

Publications Officer

*S. A. Robertson, B.Sc., Ph.D.

Council and General Secretary

D. A. Brannan, Ph.D.

Meetings and Membership Secretary

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

Other Members of Council

W. H. Cockcroft, M.A., D.Phil.

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

A. W. Goldie, M.A.

H. B. Griffiths, Ph.D.

B. E. Johnson, Ph.D.

*D. G. Kendall, M.A., F.R.S.

A. O. Morris, Ph.D.

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

E. M. Patterson, Ph.D., F.R.S.E.

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

T. J. Willmore, M.Sc., Ph.D., D.Sc.

*J. D. M. Wright, M.A., D.Phil.

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

Member's signature.....

NOTE: If you wish to vote, please bring this list to the Annual Meeting, or post it to "The Scrutineers of the London Mathematical Society, Burlington House, Piccadilly, London W1V 0NL" to arrive by 17th November in an envelope containing **no other correspondence** (in particular not containing a booking form for the Annual Dinner).

ANNUAL DINNER 19 November 1976

The Cavendish Hotel, Jermyn Street, London, SW1 at 6.45 p.m. for 7.15 p.m.

I wish to book.....places for the above dinner for myself and guests

I enclose a remittance of £.....

(The cost is £4.50 per person. Cheques should be made payable to "The London Mathematical Society")

Name in **BLOCK CAPITALS**.....

Address

Bookings should be sent if possible by Monday, 15 November to:

Professor J. L. Britton, Mathematics Department, Queen Elizabeth College, London W8 7AH.

EUROPEAN SCIENCE FOUNDATION

The European Science Foundation is anxious to receive information about scientific meetings held within the member countries. Anyone organising a meeting

is requested to send relevant information to Dr. M. O. Ottosson, European Science Foundation, 1 Quai Lezay Marnesia, 67000 Strasbourg, France.

EDINBURGH MATHEMATICAL SOCIETY

The following meetings of the Edinburgh Mathematical Society have been arranged for the session 1976-77.

1976

22nd October (Edinburgh)
A.G.M. and Presidential Address of
D.A.R. Wallace
12th November (Strathclyde)
D. S. Jones
3rd December (Edinburgh)
T. S. Blyth

1977

21st January (Heriot-Watt)
J. R. Ringrose

11th February (Edinburgh)

S. J. Taylor
4th March (Stirling)
R. W. Richardson
7th May (Aberdeen)
G. F. Roach
28th May (St Andrews)
J. A. Green

Further details of these meetings and of membership of the E.M.S. can be obtained from the Society's Secretaries: T. A. Gillespie (meetings) and J. D. P. Meldrum (membership), The Mathematics Department, James Clerk Maxwell Building, The King's Buildings, Mayfield Road, Edinburgh EH9 3JZ.

OPERATOR ALGEBRAS AND THEIR APPLICATIONS

Under the sponsorship of the International Mathematical Union, the Institute of Mathematics and Mechanics of the Academy of Sciences of the GDR in Berlin, the Department of Mathematics of the Karl Marx University in Leipzig and the Department of Mathematics of the Friedrich Schiller University in Jena are organising an International Conference on Operator Algebras, Ideals, and their Applications in Theoretical Physics. The conference will take place in Leipzig, German Democratic Republic on 11-21 September, 1977.

The programme of the conference will mainly be devoted to the following topics: Topological algebras and their representations, structures of $*$ -algebras, automorphisms of $*$ -algebras and Tomita-Takesaki-theory; Operator ideals on Banach spaces, geometry of Banach spaces, measures on locally convex spaces, classes of locally convex spaces; Algebraic approach to quantum field theory and statistical physics, mathematical scattering theory, non-equilibrium statistical mechanics. Further details can be obtained from the Department of Mathematics, Karl Marx University, Leipzig.

CONFERENCE ON GENERAL RELATIVITY

The 8th International Conference on General Relativity and Gravitation will be held on 7-12 August 1977 at the University of Waterloo, Ontario, Canada. Speakers will include R. Bott, S. Chandrasekhar,

S. W. Hawking, E. T. Newman, R. Penrose, and M. J. Rees. Further details from GR8, Applied Mathematics Department, University of Waterloo.

MATHEMATICS AT THE SERVICE OF MAN

The first World Conference on Mathematics at the Service of Man will be held in Barcelona in July 1977. Further details

are available from Mrs. Roser Lluch, Collcerola 25, Barcelona 6, Spain.

SALE OF BOOKS

The executors of the late Dr. A. Learner are disposing of his library of about 400 books on mathematics and computing.

Further details are available from Dr. W. Stephenson, Department of Mathematics, Bedford College, London NW1 4NS.