

THE LONDON MATHEMATICAL SOCIETY NEWSLETTER

No. 172

May 1990

FORTHCOMING SOCIETY MEETINGS

Friday, Saturday, 18-19 May 1990, Sheffield

Two-day meeting on Functional Analysis

Friday 15 June 1990, Burlington House

L.E. Fraenkel, H.K. Moffatt

Friday 19 October 1990, Burlington House

Friday 16 November 1990, Burlington House

INVITED LECTURES SERIES

The Society's Invited Lectures Series consists of meetings at which a single speaker gives a course of about ten expository lectures, examining some subject in depth, over a five day period (Monday to Friday) during a University vacation. The meetings are residential and open to all interested. It is intended that the texts of the lectures given in the series shall be published. In addition to full expenses, the lecturer is offered a fee of £1000 for giving the course and a further fee of £1500 on delivery of the text in a form suitable for publication. The series was inaugurated at Cambridge in March 1990 with lectures by Professor R. Melrose. It is expected that the second meeting will be held at

Southampton in 1991 when the lecturer will be Professor J.E. Marsden.

For the 1992 meeting, proposals are now invited from any member who, in addition to suggesting a topic and lecturer, would be prepared to organize the meeting at the members's own institution or a suitable conference centre. Enquiries about this series should be sent to the Meetings and Membership Secretary, A.R. Pears, Department of Mathematics, King's College London, Strand, London WC2R 2LS (telephone 071-873-2852) to whom proposals should be sent no later than 31st August 1990.

PROGRAMME AND CONFERENCE FUND

Members are reminded that the Society's Programme and Conference Fund is used to provide financial support for visitors to the UK and for conferences. The fund is administered by the Society's Programme Committee and information about the proposals it is willing to consider was given in the January 1990 issue (No. 168) of the

Newsletter. The Meetings and Membership Secretary, A.R. Pears, Department of Mathematics, King's College London, Strand, London WC2R 2LS, telephone 071-873-2852, will be pleased to discuss proposals informally with potential applicants and to give advice on submission of an application to the Society.

ONE HUNDRED AND TWENTY FIVE YEARS

Council has decided to mark the 125th anniversary of the foundation of the London Mathematical Society by the provision of a buffet with wine at 6.15pm in the Geological Society's Library after the Society Meeting on Friday 15th June 1990. Items from the Society's photograph collection and material from the archives will be displayed.

Members who wish to attend are asked to write before 1st June 1990 to the Administrator, London Mathematical Society, Burlington House, Piccadilly, London W1V 0NL, enclosing a cheque for £5.00 payable to the London Mathematical Society.

5th BRITISH TOPOLOGY MEETING

The 5th British Topology Meeting will take place at the University of Liverpool on 24th and 25th September 1990. The programme will consist of talks, of approximately 40 minutes, mainly on the research of British topologists. It is hoped to cover as wide a spread of interests as possible, within a fairly informal framework. Offers to speak will be welcomed; in addition there will be space for posters and displays of preprints.

Registration will cost £2.00, accommodation and meals about £28.00. The meeting is supported by

the London Mathematical Society, and is open to all members. The first priority in the use of this money will be to support those participants unable to obtain funding from their own institutions.

If you are interested in attending, contact H.R. Morton, 5th British Topology Meeting, Department of Pure Mathematics, The University, Liverpool L69 3BX. before the end of June if possible. Telephone 051-794 4070 (or 4043); email su14@uk.ac.liverpool.

ALGEBRA AND NUMBER THEORY Professor C. Arf's 80th Birthday

From 3rd to 7th of September the Turkish Mathematical Society is organising the 3rd International Symposium on Algebra and Number Theory in Silivri, Istanbul. This meeting will be held in honour of the 80th birthday of Professor C. Arf. Cahit Arf is known with his work in algebra, algebraic number theory, algebraic geometry, and elasticity theory. His name is often mentioned in con-

nection with Hasse-Arf theorem, Arf Rings, Arf Closure, and Arf Invariants.

For further information contact C. Koc, A. Topuzoglu, Department of Mathematics, Middle East Technical University, 06531 Ankara - Turkey. E-mail: dogam@trmetu.bitnet.

FÖRDERPREIS

Die Gesellschaft für mathematische Forschung vergibt 1991 für Arbeiten aus dem Fachgebiet, Geometrie, Topologie den Förderpreis des Mathematischen Forschungsinstituts Oberwolfach. Der Preis wird an Mathematiker (innen) bis zum Höchstalter von 35 Jahren aus Europa vergeben. Bei besonders hervorragenden Leistungen kann unabhängig vom Fachgebiet zusätzlich ein weiterer Preis vergeben werden. Vorschlags-

berechtigt sind Hochschullehrer aus Europa. Vorschläge müssen bis zum 30. Juni 1990 eingegangen sein.

Nähere Informationen erhalten Sie bei der Geschäftsstelle des Mathematischen Forschungsinstituts Oberwolfach, Albertstraße 24, D-7800 Freiburg.

THE RELAUNCH OF PROCEEDINGS A

From July 1990 the Royal Society's Proceedings, Series A, will undergo its first major reorganisation for several years.

Under the new editorship of Professor John Enderby of the University of Bristol it will remain committed to the broad area of mathematical and physical sciences but subject coverage will be widened to meet the changing requirements of the scientific community. The new-style Proceedings will also attract more papers from overseas and give greater emphasis to shorter papers.

The changes will be beneficial to authors as well

as readers. Faster evaluation of papers by the Editor and the editorial board will mean that articles under 4,000 words will be published in three months and those under 15,000 words will be published within six months from receipt.

The restructure will give added strength to the journal already considered to be the journal of choice for the international dissemination of lively and topical research in the physical sciences.

For further information please contact the Editorial Office at the Royal Society on 0(7)1-839 5561

MATHEMATICS AND ITS APPLICATIONS

A conference on Mathematics and its Applications will be held at the University of Bahrain from 25th to 28th November 1990. The subject areas are Numerical Analysis, Differential Equations, Applied Analysis and Applied Statistics. The main speakers include B.W. Conolly, W.D. Evans, W.N. Everitt, A.B. Tayler, E.H. Twizell, J.R. Whiteman (U.K.), I. Babuska, C.R. Rao, L. Markus (U.S.A.),

J.-L. Lions (France), J. Mawhin (Belgium), M. Mori (Japan), J. Noye (Australia), A.Y. Al-Hawaj, M.S.P. Eastham (Bahrain). Further information (including details of financial assistance available) may be obtained from: The Conference Secretary, Mathematics Department, University of Bahrain, P.O. Box 32038, Isa Town, State of Bahrain.

LONDON MATHEMATICAL SOCIETY

MAY MEETING

FRIDAY-SATURDAY 18-19 MAY 1990

UNIVERSITY OF SHEFFIELD

FUNCTIONAL ANALYSIS

Friday 18 May

- 14.30** Opening session
- 14.40** Professor G. Pisier (Paris 6 and Texas A & M)
Factorization of operator-valued analytic functions and complex interpolation
- 15.40** Tea
- 16.30** Professor V. Milman (Tel-Aviv) *From functional analysis and geometry to geometric analysis*

Saturday 19 May

- 9.00** Professor G.K. Pedersen (Copenhagen) *Real rank of C^* -algebras as a non-commutative aspect of dimension.*
- 10.00** Coffee
- 10.30** Dr A.M. Sinclair (Edinburgh) *Operator spaces and completely bounded operators*
- 11.30** Coffee
- 12.30** Professor C. Foias (Indiana) *Inertial sets for dissipative differential equations*

Lectures will be held in Lecture Room A, Hicks Building, Hounsfield Road, University of Sheffield.

All interested are very welcome.

NEW CODES

From 6th May 1990, if you call London from somewhere else, instead of dialling 01 you will need to dial 071 before an inner London number, and 081 before an outer London number. Accord-

ingly the telephone number of the London Mathematical Society office becomes 071 437 5377 and the Meetings and Membership Secretary at King's College London becomes 071 873 2852.

OPERATORS AND SYSTEMS

A two-day conference on operator theory and linear systems will be held at Lancaster University on 12th and 13th July, 1990. Speakers will include: I. Gohberg (*Tel Aviv*), J. Ball (*Virginia Polytechnic*), P. Lancaster (*Calgary*), K. Glover (*Cambridge*), P.C. Young (*Lancaster*), J.R. Partington (*Leeds*), R. Ober (*Cambridge*).

Further information and registration forms can be had from Professor N.J. Young, Department of Mathematics, Fylde College, Lancaster LA1 4YF (Email: N.J.Young@lancaster).

The meeting is supported by the London Mathematical Society.

FELLOWSHIP OF THE ROYAL SOCIETY

Amongst those elected to Fellowship of the Royal Society at a meeting held on 15th March 1990 were Professor Vaughan Frederick Randall Jones (Professor of Mathematics at the University of California at Berkeley, USA), Professor Derek

William Moore (Professor of Applied Mathematics at Imperial College, London) and Professor Robert Charles Vaughan (Professor of Pure Mathematics at Imperial College, London).

YORKSHIRE PURE MATHEMATICS COLLOQUIUM

The next meeting of the Yorkshire Pure Mathematics Colloquium will be held at the University of York on 6th June 1990. There will be two talks, given at 2:15 and 4:00. Professor Roger Carter will speak on "Kac-Moody Algebras and Applications" and it is hoped that Professor Heini Halberstam will be the other speaker. Afternoon

tea will be at 3:30 and lunch and dinner will be available. Further details will be given in the next LMS newsletter. For further information contact Maurice Dodson, Department of Mathematics, University of York, York YO1 5EB. Telephone 0904-433098. E-mail mmd1@uk.ac.york.vaxa.

LONDON MATHEMATICAL SOCIETY NOTICE OF GENERAL MEETING

There will be a General Meeting of the Society on Friday 15th June 1990 at 3.30pm in the Meeting Room of the Geological Society, Burlington House, Piccadilly, London W1V 0NL, to consider a proposal by the Council of the Society to delete the existing By-Law II,1 and to substitute that printed below.

The new By-Law II,1, if accepted, would leave unchanged the annual subscription of individual members for 1990-91, and would increase the prices per volume of the **Bulletin**, the **Journal** and the **Proceedings** to individual members for 1990-91 by £1.00.

Text of the proposed By-Law II,1

The annual subscription to the Society of Ordinary Members for the 1990-91 session shall be £10.00. The prices of the Society's periodicals to Ordinary Members shall be: **Proceedings** £11.00 per volume, **Journal** £11.00 per volume, **Bulletin** £11.00 per volume.

R.Y. Sharp
Council and General Secretary

LONDON MATHEMATICAL SOCIETY

1990 POPULAR LECTURES

Professor R.A. Bailey

Designing experiments with allowance
for interfering neighbours

Dr P.J. Giblin

Geometry and Computers

Friday 22nd June

Lecture Theatre 1, Medical School
Royal Hallamshire Hospital, Sheffield 10
at 7:00pm

Friday 29th June

Great Hall, Sherfield Building,
Imperial College, Exhibition Road, London SW7
at 7.30pm

All interested are welcome.

The Lectures are intended to be suitable for a general audience and no specific mathematical knowledge will be assumed. Although the talks are not primarily intended for professional mathematicians, everyone is welcome and some members may wish to apply for tickets for friends and relatives.

For the lectures at Imperial College admission is free, by ticket obtainable in advance. Write to Miss S.M. Oakes, London Mathematical Society, Burlington House, Piccadilly, London W1V 0NL. A stamped-addressed envelope would be much appreciated.

Admission is free, without ticket, to the lectures held at Sheffield.

P. Protter, Purdue University,
West Lafayette, IN

Stochastic Integration and Differential Equations

A New Approach

1990. X, 302 pp. (Applications
of Mathematics, Vol. 21)
Hardcover £35.00
ISBN 3-540-50996-8

This book is quite different from others on the subject in that it presents a *rapid* introduction to the modern semimartingale theory of stochastic integration and differential equations, *without* first having to treat the beautiful but highly technical "general theory of processes". The author's new approach (based on the theorem of Bichteler-Dellacherie) also gives a more intuitive understanding of the subject, and permits proofs to be much less technical.

All of the major theorems of stochastic integration are given, including a comprehensive treatment (first time in English) of local times. A theory of stochastic differential equations driven by semimartingales is developed, including Fisk-Stratonovich equations, Markov properties, stability, and an introduction to the theory of flows.

Further topics presented for the 1st time in book form include an elementary presentation of Azéma's martingale.

This book will quickly become a standard reference on the subject, to be used by specialists and non-specialists alike, both for the sake of the theory and for its applications.

B. Øksendal,
University of Oslo

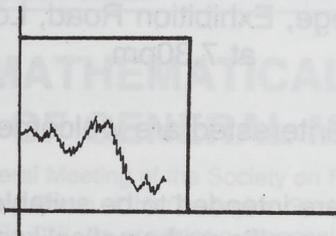
Stochastic Differential Equations

An Introduction with Applications

2nd ed. 1989. XV, 186 pp.
(Universitext)
Softcover £17.00
ISBN 3-540-51740-5

From the reviews: "The book is well written, gives a lot of nice applications of stochastic differential equation theory, and presents theory and applications of stochastic differential equations in a way which makes the book useful for mathematical seminars at a low level. (...) The book (will) really motivate scientists from non-mathematical fields to try to understand the usefulness of stochastic differential equations in their fields."

Metrica



Springer-Verlag
Berlin Heidelberg New York
London Paris
Tokyo Hong Kong

Springer House
8 Alexandra Rd., London SW19 7JZ
England

G. Da Prato, Pisa; L. Tubaro,
University of Trento, Povo
(Eds.)

Stochastic Partial Differential Equations and Applications II

Proceedings of a Conference held in Trento, Italy, February 1-6, 1988

1989. VI, 258 pp. (Lecture
Notes in Mathematics, Vol.
1390) Softcover £16.00
ISBN 3-540-51510-0

From the Contents: A covariant Feynman-Kac formula for unitary bundles over euclidean space. - Variational inequalities for the control of stochastic partial differential equations. - The stability of stochastic partial differential equations and applications. Theorems on supports. - Stochastic partial differential equations of generalized Brownian functionals. - Viscosity solutions of fully nonlinear second order equations and optimal stochastic control in infinite dimension. Part II: optimal control of Zakai's equation. - Mesures cylindriques et distributions sur l'espace de Wiener. - A Lie algebraic criterion for non-existence of finite dimensionally computable filters.

Springer



INTERNATIONAL FUNCTIONAL ANALYSIS MEETING on the Occasion of the Sixtieth Birthday of Professor M. Valdivia

The University of Valencia and the Polytechnical University of Valencia sponsor an international functional analysis meeting to honour the 60th birthday of Professor Manuel Valdivia. The conference will take place at the Centro de Estudios de la Administración Pública at Peñíscola (Castellón), Spain from October 21 to 27, 1990. Organizers are K.D. Bierstedt, Univ. Paderborn, W. Germany; J. Bonet, Univ. Politécnica de Valencia; J. Horváth, Univ. of Maryland, USA and M. Maestre, Univ. de Valencia.

The conference topics are centered around the interests of Professor Valdivia. In particular, topics expected to be emphasized include locally convex spaces, Fréchet spaces, Banach space theory, function spaces, holomorphy, topological tensor products and operator ideals. Invited lectures will be given by Altomare, Ansemil, Aron, Bessaga, Bombal, Cobos, A. Defant, S. Dierolf, Diestel, Dineen, Florencio, Floret, Godefroy, Isidro, Jarchow, Heinz König, Llavona, Laursen, Meise, Moscatelli, Mujica, Nachbin, Orihuela, Pelczyński,

Pietsch, Pisier, Schachermayer, Schmets, Taskinen, Terzioğlu and D. Vogt. It is planned to publish the Proceedings of the Conference.

There will be a limited number of short communications (of 15 minutes). Interested contributors are invited to submit an abstract as soon as possible. The abstracts will be refereed. After the selection process (presumably in early May), the presenters will be notified of the acceptance/rejection of the short communication. The number of participants is limited to 80, about half of them from Spain. The congress fee is 30000 Pesetas and includes bus transport from/to Valencia, accommodation and meals at Peñíscola.

All mathematicians who would like to attend the meeting should contact, as soon as possible Professor J. Bonet, Dept. Matemática Aplicada, E.T.S. Arquitectura, Univ. Politécnic de Valencia, C. de Vera, E-46071 Valencia, Spain; phone: 346/3615051 ext 408 or 402; e-mail: maestre@evalun11.bitnet.

MATHEMATICAL AND NUMERICAL ASPECTS OF WAVE PROPAGATION PHENOMENA

The first international conference on Mathematical and Numerical Aspects of Wave Propagation Phenomena will be held from 23rd to 26th April, 1991 at Strasbourg, France. Classically posed in terms of physics, wave propagation problems have found in recent years a large audience in the world of pure and applied mathematics. This new approach requires a global view of the results obtained.

Topics will include: Waves in homogeneous, heterogeneous, layered or random media; Guided

waves, surface waves, scattering, resonances; Inverse problems, homogenization, control theory; Ray methods, paraxial methods, asymptotic analysis, absorbing boundary conditions; FMD, FEM; Spectral methods, integral equations, multigrid methods, domain decomposition; Vector and parallel processing.

For further information write to: INRIA, Service des Relations Exterieures, Domaine de Voluceau - BP 105 - Rocquencourt, 78153 Le Chesnay Cedex, France.

CONFERENCE ON RADICALS

An International Conference on Radicals will be held from 8th to 14th July, 1991 at Szekszard, Hungary. For further information write to L. Marki or

R. Wiegandt, Mathematical Institute, Hungarian Academy of Science, Pf.127, H-1364 Budapest, Hungary.

BREAKING THE CODE

Hugh Whitmore received the American Mathematical Society Communications Award from the Joint Policy Board for Mathematics. The

award recognized Whitmore's contribution to communicating mathematics to the public in his play, "Breaking the Code" which chronicled the life of Alan Turing.

PRIX FERMAT

The 'Prix Fermat' is intended to reward research work of mathematicians in those areas with which Pierre de Fermat was concerned. Conditions for the award of the prize may be obtained from: Prix

Fermat de Recherche en Mathématiques, Université Paul Sabatier, 118 route de Narbonne, 31062 Toulouse Cédex, France. The Closing date for candidature is 21st December 1990.



Deakin
University

Deakin University
Geelong
Victoria
Australia 3217

Professor of Mathematics

Applications are invited for appointment to the foundation Chair of Mathematics in the Department of Computing and Mathematics within the School of Sciences. The University has grown rapidly since its establishment in 1977 and this presents challenging opportunities for educational innovation and development.

The University is seeking a Professor to provide academic leadership in mathematics and/or statistics, and to play a major role in the expansion of research and graduate studies, in the development of off-campus programs, in the growth of external funding initiatives, and in academic development.

The successful applicant is likely to hold a Ph.D. and will have strong research interests preferably in applied mathematics, statistics or operations research together with a commitment to link theoretical development and industrial application.

The appointment, at a salary of \$A65,837 is for a fixed term of five years which may be renewed for further five year terms. Additional establishment benefits to facilitate the Professor's and the Department's research will be negotiated. The University reserves the right to fill the post by invitation or not to make an appointment.

Enquiries of an academic nature should be directed to the Chair of the Department, Dr. I. Collings, telephone (61 52) 47 1324. Further information about the University, conditions of employment, and method of application may be obtained from the Personnel Manager, Deakin University, Geelong, Victoria, Australia, 3217, with whom applications close on 18 May 1990.

Equal Opportunity Is University Policy.

COMPUTER ALGEBRA FOR ENGINEERS AND SCIENTISTS

An EEC sponsored residential course on Computer Algebra for Engineers and Scientists will be held from 17th to 21st September 1990 at the University of Bath. The Course will be led by J.H. Davenport, author of the text book *Computer Algebra* and Professor of Information Technology at Bath, home of Britain's largest computer algebra research group. The lecturing and demonstrating staff are drawn from the University of Bath, Queen

Mary College, London and the University of Nice. The five day course will comprise lectures, demonstrations of software and hands-on experience of these systems on the University's network of work stations.

Further information from Jeannette Thomas, Centre for Continuing Education, University of Bath, Bath BA2 7AY. Telephone (0225) 826453.

RECIPROCITY AGREEMENT

The London Mathematical Society has reciprocity agreements with the following Societies. Further details and application forms may be obtained from the addresses shown:

American Mathematical Society
PO Box 6248, Providence, RI 02940, U.S.A.

Australian Mathematical Society
Dr B.D. Jones, Department of Mathematics,
University of Queensland, St. Lucia, Qld 4067,
Australia.

Societe Mathematique de Belgique
c/o Professor G. Hirsch, Avenue Charles Woeste
317-Bte 11, B-1090 Brussels, Belgium.

Canadian Mathematical Society
577 King Edward, Suite 109, Ottawa, Ontario,
Canada K1N 6N5

Dansk Matematisk Forening
H.C. Orsted Institut, Universitetsparken 5, DK 2100
Kobenhavn O, Denmark.

Deutsche Mathematiker Vereinigung
J. Flum, Alberstrasse 24, 7800 Freiburg, Federal
Republic of Germany.

Societe Mathematique de France
B.P. 126-05, 75226 Paris Cedex 05, France

Indian Mathematical Society
Professor M.K. Singal, General Secretary, Depart-
ment of Mathematics, Meerut University, Meerut
250 005, India.

Unione Matematica Italiana
Professor P.L. Papini, The Secretary, Dipartimento
di Matematica, Universita, Piazza Porta S. Donata
5, 40127 Bologna, Italy.

New Zealand Mathematical Society
Dr J. Giffin, The Secretary, NZMS, Department of
Mathematics and Statistics, Massey University,
Palmerston North, New Zealand.

Nigerian Mathematical Society
c/o Professor J.O.C. Ezeilo, Department of
Mathematics, University of Nigeria, Nsukka,
Nigeria.

Norsk Matematisk Forening
Matematisk Institutt, PO Box 1053, Blindern, N-
0316 Oslo 3, Norway.

South East Asian Mathematical Society
Lim Chong Keang, President, SEAMS, Depart-
ment of Mathematics, University of Malaya, Kuala
Lumpur, Malaysia.

Svenska Matematikersamfundet
Secretary, Department of Mathematics, University
of Lund, Box 118, S-221 00 Lund, Sweden.

Wiskundig Genootschap
Secretary, Department of Mathematics and Infor-
matics, University of Technology, PO Box 356,
2600 AJ Delft, The Netherlands.

EDWARD K. HAVILAND

Professor E.K. Haviland who was elected a
member of the London Mathematical Society on

12th November 1936, died on 17th July 1989.

ADAMS MEMORIAL SYMPOSIUM

As announced in the Society's newsletter of July
1989, an international symposium on algebraic
topology will be held at the University of Man-
chester from 1st to 15th July 1990, in commemora-
tion of the life and work of Frank Adams.

The Symposium is supported by the SERC and
the London Mathematical Society, and is open to
all. The Society particularly wishes to help East

European mathematicians to attend.

Details of the programme and booking
arrangements together with a list of those expected
to attend can be obtained from the Symposium
Secretary, Jackie Minshull, Department of
Mathematics, University of Manchester, Man-
chester M13 9PL. (c-mail:mbbgsjm@uk.ac.mcc.cms)

University of Exeter

DEPARTMENT OF MATHEMATICS

Tutor in Mathematics

Applications are invited to fill this newly created post from 1st October 1990 or, by arrangement, 1st September 1990. The Tutor will be required to assist with the teaching programme of the Department in Pure and Applied Mathematics. There is a vigorous research activity in the Department and the Tutor will be encouraged to take an active part. Preference may be given to candidates whose research interest is already represented in the Department.

The appointment will be for one year only with a salary of £9816 p.a. (under review). It is ideally suited to newly qualified PhD's or writing-up candidates.

Further particulars available from the Personnel Office, University of Exeter (0392-263100 - Ansaphone) quoting reference no. 3686.

Closing date for applications 21st May 1990.

AN EQUAL OPPORTUNITIES EMPLOYER.

The University of Auckland, New Zealand

LECTURER IN THE DEPARTMENT OF MATHEMATICS & STATISTICS

The Department of Mathematics and Statistics teaches a full range of undergraduate and postgraduate courses. Within the department there are two units which operate with a certain degree of autonomy. These are the Statistics Unit and the newly formed Applied and Computational Mathematics Unit. The Department has particular research strength in combinatorics and graph theory, finite group theory, functional analysis, complex analysis, topology, numerical analysis and statistics.

Applicants should have a proven record in teaching and research in a branch of Pure Mathematics. Preference will be given to those with a strong interest in discrete mathematics. Duties will include teaching, examining, and research, as may be required by the Head of the Department.

Commencing salary will be established within the range NZ\$36,000 - NZ\$47,000,200 per annum. Conditions of Appointment and method of application are available from Appointments (37655), Association of Commonwealth Universities, 36 Gordon Square, London WC1H 0PF, UK; or from the Assistant Registrar (Academic Appointments), University of Auckland, Private Bag, Auckland, New Zealand. **Applications in accordance with the method of application should be forwarded as soon as possible, but not later than 20th May 1990**

**The University of Auckland
An Equal Employment Opportunity Employer**



Hector Munro Macdonald (1865-1935) was born in Edinburgh and educated at Aberdeen University and Clare College Cambridge, where he was fourth Wrangler and, in 1891, Smith's Prizeman. He wrote on electric waves and successfully solved difficult problems concerning their diffraction by summing series of Bessel functions. In 1905 he took up the chair of mathematics at Aberdeen and later wisely helped move the University out of its holdings in 5% War Loan. Made an FRS in 1901, he won the Royal Society's Royal Medal in 1916. He was the London Mathematical Society's 27th President, from 1916-1918.

DIARY

The diary lists Society meetings and other events publicised in previous issues of the Newsletter. For further information, refer to the figure in brackets, which is a cross reference to the LMS Newsletter Number.

1990

MAY

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9-12 Groups in Galway 1990, Ireland (170)
14-18 Surfaces, Submanifolds and their Applications, Leeds (168)
18-19 2-day LMS Meeting, Sheffield
22-24 Numerical Analysis Symposium, Spain (171)
23-26 Computing and Information, Canada (166)

JUNE

- 2 Edinburgh Mathematical Society Meeting, St Andrews (165)
6-9 European Consortium for Mathematics in Industry, Finland (159)
11-14 XIV Rolf Nevanlinna Colloquium, Finland (162)
11-15 Hyperbolic Problems, Sweden (166)
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15 LMS Meeting, London
25-13 Jul Shape Optimization and Free Boundaries, Canada (167)
27-30 Algebraic Hyperstructures and Applications, Greece (162) (170)

JULY

- 1-8 Dynamics and Complexity, Sweden (171)
1-15 Adams Memorial Symposium, Manchester (163)
2-6 Australian Mathematical Society Annual Meeting, Australia (165)
3-6 Ordinary and Partial Differential Equations, Dundee (164)
5-15 Groups and Combinatorics, LMS Durham Symposia (167)
8-12 Industrial and Applied Mathematics, U.S.A. (166)
9-11 New Trends in Systems Theory, Italy (162)
9-20 Geometry and Topology of Four-Manifolds, Canada (162)
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15-21 Finite Geometries and Designs, Sussex (170)
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22-1 Aug Boolean Function Complexity, LMS Durham Symposia (167)
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25-5 Aug Programming and Mathematical Method, West Germany (170)
30-3 Aug Fibonacci Numbers and their Applications, USA (169)
30-25 Aug Symplectic Geometry, Warwick (170)
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AUGUST

- 20-25 Numerical Methods, Hungary (169)
21-29 International Congress of Mathematicians 1990, Japan (151) (165) (166) (168)
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SEPTEMBER

- 3-8 Physical Interpretations of Relativity Theory, London (168)
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OCTOBER

- 19 LMS Meeting, London

NOVEMBER

- 16 LMS Meeting, London
19-22 Huygens' Principle, Theory and Applications, The Netherlands (170)

The Newsletter is published monthly except in August. Items and advertisements for inclusion in the Newsletter should be sent to the Editor, Susan Oakes, London Mathematical Society, Burlington House, Piccadilly, London W1V 0NL, to arrive before the first day of the month prior to publication. Telephone 01-437 5377, fax 01-439 4629, E-mail lms@uk.ac.kcl.cc.oak.