THE LONDON MATHEMATICAL SOCIETY NEWSLETTER

No. 176 **October 1990**

FORTHCOMING SOCIETY MEETINGS

Friday 19 October 1990, Burlington House
Integrable Nonlinear Systems
J.C. Eilbeck, A.P. Fordy, R.S. Ward, J.D. Gibbon

Friday 16 November 1990, Burlington House
Annual General Meeting
J.H. Coates, R.L. Taylor

LONDON MATHEMATICAL SOCIETY ANNUAL SUBSCRIPTION

The annual subscription, including publications, for the session November 1990 - October 1991 is due on 1st November 1990. Together with this Newsletter is a renewal form to be completed and returned with your remittance in the enclosed envelope.

No action is required if you are already paying by Direct Debit, and do not wish to change your choice of publications. Fully complete and return the form if you are paying by Direct Debit but wish to change your choice of publications. Bank accounts of members paying by Direct Debit will be debited with the appropriate amount on 15th January 1991.

Other members should either enclose a cheque (£ sterling or US$) with their form or, if they have a UK bank account and wish to take advantage of this convenient form of payment, request a Direct Debit mandate.

The Society reserves the right to discontinue the supply of publications to members whose subscriptions remain unpaid by 31st January 1991. Where the subscription arrives after 31st January back issues will be supplied but with some delay.

If the renewal form is missing from this Newsletter, write to Susan Oakes, The Administrator, London Mathematical Society, Burlington House, Piccadilly, London W1V 0NL, or e-mail: lms@uk.ac.kc.cc.oak.

PUBLICATION PRICING POLICY

The London Mathematical Society has a pricing structure for its journals which allows individual members to purchase them at a substantial discount. These discounted prices are intended for personal use only and the journals should be kept among your personal belongings and not deposited, even temporarily, in a library, common room or other public area. Issues of the journal should be accessible to other mathematicians or students only with your permission, given individually on each instance.

ANNUAL DINNER

The 1990 Annual Dinner will be held after the Annual General Meeting on Friday 16th November at 6.30 p.m. for 7.00 p.m. at the Royal Air Force Club, 128 Piccadilly, London W1V 0PY. The cost is £18.50 per person and members may book places for guests. The booking form enclosed with this Newsletter, should be returned together with payment to the London Mathematical Society office by Wednesday 7th November.

I C M PRIZES

At the 1990 International Congress of Mathematicians held in Kyoto, Japan, from the 21st to the 29th August 1990, Fields Medals were awarded to: V.G. Drinfeld (Physico-Engineering Institute of Low Temperatures, Ukr. SSR Academy of Sciences, Kharkov USSR); V.F.R. Jones (Department of Mathematics, University of California, Berkeley USA); S. Mori (RIMS Kyoto University, Kyoto, Japan); E. Witten (The Institute for Advanced Study, Princeton, U.S.A.). The Rolf Nevanlinna Prize was awarded to A.A. Razborov (Steklov Mathematical Institute, Moscow USSR).

ANNUAL GENERAL MEETING

The Annual General Meeting of the London Mathematical Society will be held on Friday 16th November 1990 at 3.00 p.m. at the Geological Society, Burlington House, Piccadilly, London W1V 0NL.

At the Annual General Meeting the report of the Treasurer will be read, the Council and Officers of the Society for the coming year will be elected, and Auditors appointed. The election of Council and Officers is governed by Article 9 of the Charter of the Society, by Articles 18, 24 and 31 of the Statutes of the Society and by By-Law I of the By-Laws of the Society.

A Ballot Paper is enclosed which contains a list of those names recommended by the present Council, in accordance with By-Law I.6, for election as Officers and Members-at-Large of the Council. It should be noted that the following five Members-at-Large of Council elected for two-year terms at the last AGM have one remaining year to serve: S.K. Donaldson, W.D. Evans, C.J. Mulvey, P. Vámos, N.J. Young.

The election is (again) uncontested because no nomination from a Member of the Society was received by the Council and General Secretary by the deadline of 1st September 1990.

A member of the Society is entitled to vote in the election by striking out on the Ballot Paper those names for which he does not vote. The member must then validate the Ballot Paper both by writing his name legibly on it and by signing it.

The completed Ballot Paper should either be brought to the AGM or sent to "The Scrutineers, London Mathematical Society, Burlington House, Piccadilly, London W1V 0NL", to arrive at least 36 hours before the time of the AGM. An appropriate envelope is enclosed.

R.Y. Sharp
Council and General Secretary

TEXAS/ESO-CERN SYMPOSIUM

The 15th Texas Symposium on Relativistic Astrophysics and the 4th ESO-CERN Symposium on Astrophysics, Cosmology and Fundamental Physics are being combined into the TEXAS/ESO-CERN Symposium on Relativistic Astrophysics, Cosmology and Fundamental Physics to be held at the Conference Centre, Brighton, UK, from Sunday evening 16th December to midday on Friday 21st December 1990. The Symposium is supported by Brighton Borough Council; University of Texas at Dallas; European Southern Observatory (ESO); European Centre for Nuclear Research (CERN); New York Academy of Sciences; Royal Society; Royal Astronomical Society; London Mathematical Society; ICSC - World Laboratory, Switzerland; International Centre for Theoretical Physics, Trieste.

The morning plenary lectures will be on: Inflation, Particle Experiments, Primordial Nucleosynthesis, Newtonian and Relativistic Gravitation, Strings and Gravity, COBE, Large-scale Structure, Streaming Velocities and Dark Matter Distribution, Quantum Theory of Space-Time Structure, Numerical Simulations of Black Holes, Faint Galaxies, Gravitational Lensing, Supernova 1987A, Helio-seismology, Solar Neutrinos, Pulsars, Quasar Population at High Red-shifts, Young Galaxies, Epoch of Galaxy Formation, X-rays from AGN's and Compact Objects, Rosat: New Results

There will be three parallel mini-symposia in the afternoons, on Astrophysics of Neutron Stars and Black Holes; Particle Astronomy - Status and Projects; Large-scale Structure and Galaxy Formation. On the evenings of Monday 17th December and Thursday 20th December there will be a mini-symposium on Space-Station and Lunar-Base Astrophysics, and on the evening of Tuesday 18th December a lecture by Professor S W Hawking FRS on 'The Beginning of the Universe'.

JOURNAL BACKLOG 1990

	No. of Issues	No. of pages	Backlog	Estimate (Months)
Math Proc. Camb	6	1200	150	8-12
Edinburgh Math Society	3	470	180	13-17
Glasgow Math Journal	3	380	100	12-16
L.M.S. Bulletin	6	624	100	10-14
Journal	6	1152	500	15-20
Proceedings	6	1248	450	15-20
Mathematika	2	350	50	6-12
Oxford Q.J.M.	4	512	128	12-18
R.S. Edinburgh Proc. A.	6	1152	80	8-12

LONDON MATHEMATICAL SOCIETY

Meeting on Integrable Nonlinear Systems

FRIDAY 19th OCTOBER 1990

2.00 R.S. Ward (Durham)
The Unity of Integrable Systems

2.50 A.P. Fordy (Leeds)
Isospectral Flows: Poisson Brackets and Poisson Mappings

3.40 J.C. Eilbeck (Heriot-Watt)
Solitons in Nonintegrable Systems

A General and Ordinary meeting will commence at 5.00.

J.D. Gibbon (London) will speak on
Are Solitons any Use?

The meetings will be held at the Geological Society, Burlington House, Piccadilly, London W1.

All interested are very welcome.
Tea will be served at 4.30 pm.

UNIVERSITY OF CAMBRIDGE

DEPARTMENT OF PURE MATHEMATICS AND MATHEMATICAL STATISTICS

UNIVERSITY LECTURER IN PURE MATHEMATICS

Applications are invited for a University Lectureship in Pure Mathematics, to take up appointment from 1st October 1991. Applicants may be working in any area of Pure Mathematics.

Further information can be obtained from the Head of Department, Department of Pure Mathematics and Mathematical Statistics, 16 Mill Lane, Cambridge CB2 1SB, telephone Cambridge (0223) 337996.

The closing date for applications is 16th November 1990.

UNIVERSITY OF OXFORD

UNIVERSITY LECTURERSHIP IN MATHEMATICS
In association with St. Catherine's College

Applications are invited for the above post, which is to be filled from 1st October 1991 or if possible earlier. The salary will be on the scale £12,086 - £23,819. The successful candidate may be offered a fellowship of St. Catherine's College. No separate application is required for the college fellowship.

Further particulars may be obtained from Professor B.J. Birch, F.R.S., Mathematical Institute, 24-29 St. Giles', Oxford, by whom completed applications (ten copies or one from overseas candidates), together with the names of three referees' should be received by 3rd November 1990.

BRITISH MATHEMATICAL COLLOQUIUM

The 43rd British Mathematical Colloquium will be held at the University of Bath, from Monday 25th to Friday 29th March 1991, the lectures taking place on Tuesday, Wednesday and Thursday. The following have agreed to speak: S.I. Adian (Steklov), H. Brézis (Paris), A.M. Odlyzko (AT&T Bell Labs), G.R. Brightwell (LSE), C.J.B. Brookes (Cambridge), A.P. Carbery (Sussex), C.M. Goldie (QMW), F.C. Kirwan (Oxford), W. Ledermann (Sussex), A.J. Macintyre (Oxford), U. Martin (RHBNC), M.J. Micallef (Warwick), R.W.K. Odoni (Glasgow), J.N. Ray (Manchester), R.S. Ward (Durham).

Other planned activities include a civic reception, and a demonstration of the use of mathematical software on Sun workstations and other computers.

UK members will receive a booking form with the Newsletter later in the year. Enquiries should be addressed to Dr G.R. Burton, School of Mathematical Sciences, University of Bath, Claverton Down, Bath BA2 7AY, telephone 0225 826218, e-mail grb@uk.ac.bath.maths.

EDINBURGH MATHEMATICAL SOCIETY

Meetings of the Edinburgh Mathematical Society for the 1990-91 session are: 19th October (Edinburgh) Annual General Meeting and Presidential Address, Professor J.M. Ball; 16th November (Strathclyde) Dr T.W. Körner; 7th December (Napier College, Edinburgh) Dr J.R. Ockendon; 18th January (Heriot-Watt) Professor J.F. Cornwell; 15th February (Edinburgh) Professor I. Madsen; 15th March (Dundee) Professor A. Spence; 3rd May (Stirling) Professor R.A. Bailey; 1st June (St Andrews) Professor A.O. Morris.

Further information may be obtained from C.J. Shaddock, Honorary Secretary, Edinburgh Mathematical Society, Department of Mathematics, University of Edinburgh, Mayfield Road, Edinburgh EH9 3JZ.

FIFTH GREGYNOG SYMPOSIUM ON DIFFERENTIAL EQUATIONS

It is proposed to hold the Fifth Gregynog Symposium on Differential Equations during the week 7th - 12th July 1991. The venue, as previously, will be Gregynog, a conference centre owned by the University of Wales and situated in the mid-Wales countryside near Newtown. The meeting will be financed by SERC.

The theme of the Symposium will be 'Symmetries of Differential Equations'. We plan to bring together a small group of interested mathematicians to discuss their current research and to work on problems of mutual interest in a pleasant and informal atmosphere. There will be some expository talks and also an opportunity for participants to present recent findings. The intention is that the meeting will stimulate research activity and encourage collaboration.

Since the available accommodation is limited, participation is by invitation. Research workers in relevant fields who wish to take part in the Symposium are asked to contact Professor N.G. Lloyd, Department of Mathematics, The University College of Wales, Aberystwyth SY23 3BZ by 1st November 1990, giving an indication of current research interests. The cost of accommodation at Gregynog will be covered.

NUMERICAL SOLUTION OF THE NAVIER-STOKES EQUATIONS

A series of six lectures will be given by Professor Heinz-Otto Kreiss in November 1990 at Oxford University Computing Laboratory. Preliminary details of the lectures are as follows: Low Mach number flow; generation of sound waves and their interaction with boundary layers. Problems with different time scales: application to geophysical flows. Smallest scale of solution of N-S. Special numerical difficulties, especially at internal and far field boundaries.

The lectures will be held in Seminar Room KF1 of the Computing Laboratory at 11 Keble Road, Oxford. The dates and times are 3.30 p.m. Tuesdays November 13, 20, 27; 2.30 p.m. Wednesday November 14; 2.30 p.m. Thursdays, November 22, 29. Everyone is welcome but let Professor K.W. Morton know if you wish to attend to ensure availability of sufficient seating. Telephone 0865 273885

SCULPTURES AND TAPESTRIES

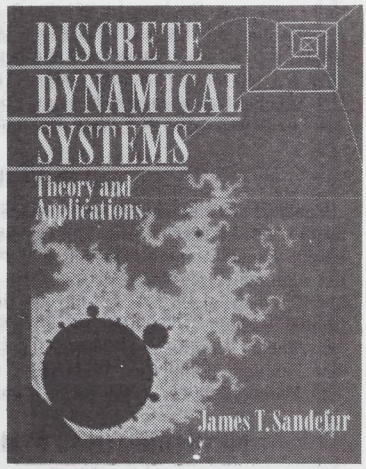
All are welcome to an exhibition of "Sculptures and Tapestries" by John Robinson being held from 4th October to 15th November at All Hallows by-the-Tower, Byward Street, London EC3. This has already been seen in conjunction with the Pop Maths Roadshow at the University of Leeds and at Liverpool Cathedral, and has been shown at the University of Wales, Bangor; Wadham College, Oxford; Churchill College, Cambridge; British Association for the Advancement of Science, Swansea, with support from the London Mathematical Society.

NEW FROM OXFORD

Discrete Dynamical Systems

Theory and Applications

James T. Sandefur



This textbook is an elementary introduction to the world of dynamical systems, chaos, and fractals, introducing the reader both to the wide variety of techniques used to study dynamical systems and to their many applications. A large supply of worked examples and numerous exercises of varying degrees of difficulty encourage further investigation.

0 19 853384 5, 456 pp., illus., Clarendon Press, October 1990 £35.00
0 19 853383 7, paperback, September 1990 £16.50

The Geometry of Four-Manifolds

S. K. Donaldson and P. B. Kronheimer

This book provides the first lucid and accessible account of the modern study of the geometry of four-manifolds. Presenting both a thorough treatment of the main lines of the developments and also a wide-ranging treatment of relevant topics from geometry and global analysis.

Oxford Mathematical Monographs

0 19 853553 8, 456 pp., illus., Clarendon Press, August 1990 £35.00

Generalized Hypergeometric Functions

Bernard Dwork

This monograph by one of the foremost experts on hypergeometric functions is concerned with the Boyarsky principle—which expresses the analytic properties of a certain proto-gamma function—developing a theory which is broad enough to encompass several of the most important hypergeometric functions.

Oxford Mathematical Monographs

0 19 853567 8, 208 pp., Clarendon Press, August 1990 £27.50

OXFORD UNIVERSITY PRESS

NATIONAL UNIVERSITY OF SINGAPORE

DEPARTMENT OF MATHEMATICS

Applications are invited for teaching appointments at the Lecturer or Senior Lecturer level from candidates who are able to teach in one or more of the following areas:

Pure Mathematics
Applied Mathematics
Operational Research
Statistics

Candidates should possess a PhD degree in Mathematics and have a strong commitment to teaching and research.

Gross annual emoluments range as follows:

Lecturer	S$50,390 - 64,200
Senior Lecturer	S$58,680 - 100,310

(STG1.00 = S$3.28 approximately)

The commencing salary will depend on the candidate's qualifications, experience and the level of appointment offered.

Leave and medical benefits will be provided. Depending on the type of contract offered, other benefits may include: provident fund benefits or an end-of-contract gratuity, a settling-in allowance of S$1,000 to S$2,000, subsidised housing at nominal rentals ranging from S$100 to S$216 p.m., education allowance for up to three children subject to a maximum of S$10,000 per annum per child, passage assistance and baggage allowance for the transportation of personal effects to Singapore. Staff members may undertake consultation work, subject to the approval of the University, and retain consultation fees up to a maximum of 60% of their gross annual emoluments in a calendar year.

The Department of Mathematics is a department in the Faculty of Science. There are 8 faculties in the National University of Singapore with a current student enrolment of some 14,000. All departments are well-equipped with a wide range of facilities for teaching and research.

All academic staff have access to the following computer and telecommunication resources: an individual microcomputer (an IBM AT-compatible or Apple Macintosh); an IBM mainframe computer with 16 MIPS of computing power; an NEC SX supercomputer with 650 MFLOPS of computing power; departmental laser printers; a wide spectrum of mainframe and microcomputer software; voice-mail; BITNET to access academic institutions world-wide. An on-line library catalogue is also available. In addition, a proposed campus network based on state-of-the-art optical fibre technology will be installed by the end of 1990 to facilitate resource sharing and electronic communication for the academic community.

Application forms and further information on terms and conditions of service may be obtained from:

The Director
Personnel Department
National University of Singapore
10 Kent Ridge Crescent
Singapore 0511

NUS Overseas Office
Singapore High Commission in London
5 Chesham Street
London SW1
U.K.
Tel: (071) 235-4562

Enquiries may also be sent through BITNET to:
PERPL@NUS3090, or through Telefax: (65) 7783948.

G. Faltings, Princeton University, Princeton, NJ; **C.-L. Chai,** University of Pennsylvania, Philadelphia, PA

Degeneration of Abelian Varieties

1990. XII, 306 pp. (Ergebnisse der Mathematik und ihrer Grenzgebiete, 3. Folge. A Series of Modern Surveys in Mathematics, Vol. 22)
Hardcover £ 28.00 ISBN 3-540-52015-5

This book presents a complete treatment of semi-abelian degenerations of abelian varieties and their application to the construction of arithmetic compactifications of Siegel moduli space. Most results are new and have never been published before.
Highlights of the book include a classification of semi-abelian schemes, construction of the toroidal and the minimal compactification over the integers, heights for abelian varieties over number fields, and Eichler integrals in several variables. The book also provides a new approach to Siegel modular forms.
This work should serve as a valuable reference source for researchers and graduate students interested in algebraic geometry, Shimura varieties, or diophantine geometry.

N. Schappacher, Bonn

Periods of Hecke Characters

1988. XV, 160 pp. (Lecture Notes in Mathematics, Vol. 1301)
Softcover £ 10.00 ISBN 3-540-18915-7

P. Deligne, J. S. Milne, A. Ogus, K.-Y. Shih

Hodge Cycles, Motives, and Shimura Varieties

1st ed. 1981. corr. 2nd printing. V, 416 pp.
(19 pp. in French) Softcover £ 24.50
ISBN 3-540-11174-3

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SERC SETS UP AN INDUSTRIAL AFFAIRS UNIT

The Science and Engineering Research Council, SERC, has recently established a new Industrial Affairs Unit.

· to coordinate the wide variety of SERC's Industry-related programmes.

· to promote the two-way flow of information between SERC and Industry, regarding needs and technology-based opportunities.

· to encourage, where appropriate financially, collaboration between Industry and the Higher Education Institutions (HEIs) on training and problem-solving.

To help with these objectives, SERC operates a number of schemes for collaborative working, some of them jointly with other organisations. The following notes briefly describe some of the schemes available.

The Cooperative Grants Scheme. Industry joins with SERC on a 50-50 basis to fund a specific research programme in an HEI. Industry is encouraged to contribute "in kind", not just financially.

Cooperative Awards in Science and Engineering (CASE). Research students receive an additional grant from SERC and Industry and carry out a research programme which has been jointly defined by the Industrial partner in collaboration with the HEI investigator.

Teaching Company Scheme (joint with DTI). Active partnerships are developed between Companies and the HEIs, wherein a joint team works in a Company on that Company's problems, leading to enhanced technology transfer and on-the-job career training.

The LINK Scheme (a cross-Government research initiative). The LINK schemes fund collaborative, pre-competitive research within programmes targetted towards specific areas of significant National importance.

Industrial Studentships. These give graduates working in Industry the opportunity to obtain a higher degree, without loss of salary, on a project of significance to both the Company and the HEI.

Industrial Fellowships. Designed for the more senior researcher in Industry or an HEI, this scheme provides an opportunity to work on a research programme of interest both to a Company and an HEI.

Integrated Graduate Development Scheme (IGDS). An Industrially-oriented training programme for the first years of a graduate's work with a Company.

Total Technology. A pilot scheme to provide a fully-rounded higher degree, with skills in a wide range of Engineering functions, together with Management.

Interdisciplinary Research Centres (IRCs). Centres in strategically-significant research areas, based on established Groups with large-scale funding over a number of years. Industrial collaboration and technology transfer are key objectives of these Centres.

Specially-Promoted Programmes, Directorates and Initiatives. These provide funding for strategically-important areas in both science and engineering.

Major Facilities. SERC's own establishments have many facilities and considerable expertise relevant to Industry. SERC has also funded major facilities in HEIs which may be available to Industrial users.

More information

An important part of the Industrial Affairs Unit's role is to provide an easily-accessible "first-point-of-contact" for either an Industrialist or an Academic wishing to learn more about these schemes. For more information regarding SERC funding available for joint Industry/HEI working and advice on potential partners for collaboration contact: Dr R K Burdett, Industrial Affairs Unit, Science and Engineering Research Council, Polaris House, North Star Avenue, Swindon, Wiltshire SN2 1ET. Telephone: (0793) 411173. Fax: (0793) 411088.

UNIONE MATEMATICA ITALIANA

Membership dues for members of associations with a reciprocity agreement with the U.M.I. for 1990 are It.L.50.000 (50% reduction with respect to ordinary dues for foreign members). Membership privileges include:
- Notiziario dell'U.M.I. (monthly + supplements), free
- Membership list, free (included in the first issue of the year of the Notiziario)
- Bollettino dell'U.M.I., Section A (3 issues), free
- Bollettino dell'U.M.I., Section B (4 issues) and other publications of the U.M.I. with discounts. Subscription price to Section B for 1991 (for members) is L.30.000; please, subscribe in this case by 31st January 1991. Subscription to Bollettino di Storia delle Scienze Matematiche for 1991 (discount price for ordinary members): L.32.000.
- Discount fees for U.M.I. meetings (a main Congress is held every 4 years; next one will be held in Catania in 1991).
- Right to vote in the election of officers.
- A book (from a special list) is sent as a gift to all members paying dues by 31st January, 1991.

Money can be sent by cheque or international postal order to Segreteria U.M.I., Dipartimento di Matematica, Piazza Porta S. Donato 5, 40127 Bologna, Italy.

BROWN UNIVERSITY

DEPARTMENT OF MATHEMATICS

One professorship at the Associate Professor level or above, with tenure to begin July 1st, 1991. Salary to be negotiated. Preference to be given to applicants with research interests consonant with those of the present members of the Department. Preference will be given to those applicants with research interests in differential geometry and related fields. Candidates should have a distinguished research record and a strong commitment to teaching.

Qualified individuals are invited to send a vita and at least three letters of recommendation, no later than October 31st, 1990, to Professor Robert D. M. Accola (Senior Search), Executive Officer, Department of Mathematics, Brown University, Providence, Rhode Island 0292, U.S.A.

Brown University is an Equal Opportunity / Affirmative Action employer.

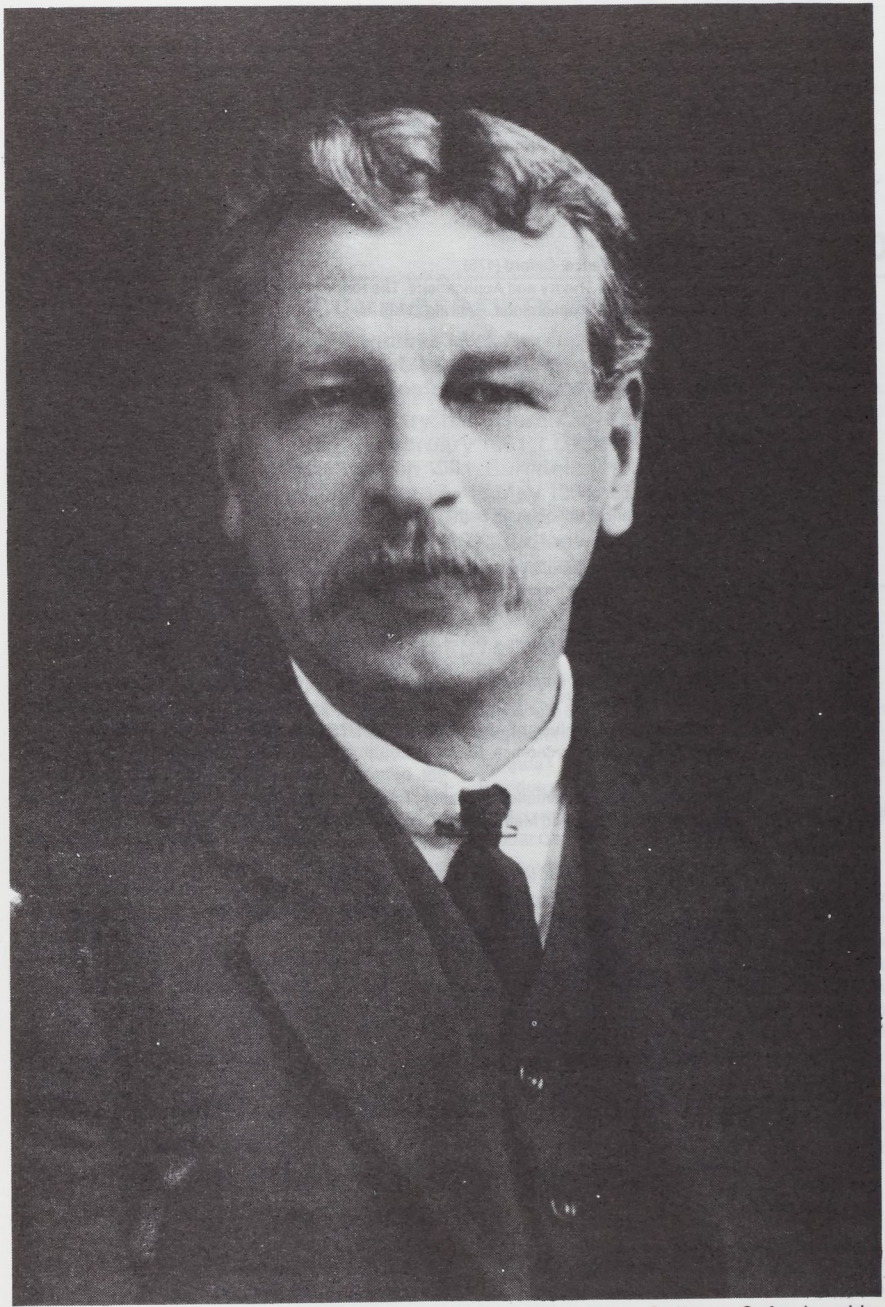
MERTON COLLEGE, OXFORD

RESEARCH FELLOWSHIP IN PURE MATHEMATICS

Applications are invited for this Fellowship, tenable for 3 years from 1st October 1991, for research in Pure Mathematics. The Fellowship is open to both men and women. The scale of stipends is from £12,086 at age 25 to £15,444 at age 30. In addition, the Fellow will hold a part-time consultancy at GCHQ, Cheltenham, for two months each summer, with a supplementary stipend of £2,000 a year. Funding will also be available from GCHQ up to £2,000 per year for travel expenses. Appointment is restricted to British Nationals and the successful candidate must satisfy positive vetting before appointment.

Further details, and application forms, can be obtained from the Warden's Secretary, Merton College, Oxford OX1 4JD.

The closing date for applications is 19th October 1990.



Arthur Lee Dixon (1867-1955) FRS graduated from Worcester College, Oxford and in 1922 became Waynflete Professor of Pure Mathematics at the University. Until 1910 he wrote on a wide variety of topics, then he fell silent until 1926 when the professorship stimulated him to work again on geometry and the application of Bessel functions in number theory. Made an FRS in 1912, he was the Society's 31st President, from 1924 - 1926.

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

OCTOBER	
1-4	Multigrid Methods, West Germany (175)
19	LMS Meeting, London
21-27	Functional Analysis, Spain (172)
NOVEMBER	
16	LMS Meeting, London
17	Möbius Day Conference, Oxford (175)
19-22	Huygens' Principle, Theory and Applications, The Netherlands (170)
25-28	Mathematics and its Applications, Bahrain (172)

1991

JANUARY	
18	LMS Meeting, London
FEBRUARY	
15	LMS Meeting, Lancaster
MARCH	
15	LMS Meeting, London
25-29	British Mathematical Colloquium, Bath
APRIL	
23-26	Mathematical and Numerical Aspects of Wave Propagation Phenomena, France (172)
MAY	
17-18	2-day LMS Meeting, Oxford
JUNE	
14	LMS Meeting, London
JULY	
1-5	The Mathematics of Nonlinear Systems, Bath (168) (175)
8-12	British Combinatorial Conference, Surrey (165)
8-14	Radicals, Hungary (172)
13-16	British Congress of Mathematics Education, Loughborough (170)
22-26	Computational and Applied Mathematics Congress, Ireland (167)
SEPTEMBER	
25-27	Numerical Methods in Fluid Mechanics, Switzerland (174)
OCTOBER	
18	LMS Meeting, London
NOVEMBER	
15	LMS Meeting, London

1992

JUNE	
29-1 July	Joint AMS/LMS Meeting, Cambridge (155)
AUGUST	
16-23	International Congress on Mathematical Education, Canada (175)

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 WIV 0NL, to arrive before the first day of the month prior to publication. Telephone 071- 437 5377, Fax 071-439 4629, E-mail lms@uk.ac.kcl.cc.oak.

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