

At the Annual General Meeting, the President, Trevor Stuart, took the opportunity to express his appreciation of two Honorary Officers and the Executive Secretary, whose terms of office ended and who ceased to attend Council during his period as President.

Alun Morris resigned as Treasurer early in 2002, having served in that capacity for over seven years, during which the LMS prospered wonderfully well in financial and other ways; indeed De Morgan House was purchased during his Treasurership and the LMS support for Mathematics through the programme and conference fund continued strongly. Alun was a very fine and meticulous Treasurer and LMS Council Member who exercised firm financial leadership.

John Pym resigned as Council and General Secretary on 21 June 2002, having served in that capacity for six years. He served earlier as Editor of the *Journal* of the LMS and then as Publications Secretary. As a result of the appointment of an Executive Secretary, John's Secretarial duties changed somewhat, and it is very much to his credit that the transition worked smoothly to the Society's benefit, guidance and perception to be invaluable.

Ben Garling was the first Executive Secretary of the LMS, taking up the position after the move to De Morgan House. During the transition Ben worked well with John Pym, the Council and General Secretary, with other officers, and with Susan Oakes, Susan Hezlet and other staff of De Morgan House; the LMS settled quickly to new modes of operation. Earlier Ben Garling served as Meetings and Membership Secretary. As President, especially one with the privilege of an office in De Morgan House, I found Ben's experience to be essential.

All three deserve the warm-felt thanks of the Society.

J.T. Stuart
LMS President

LONDON MATHEMATICAL SOCIETY: 2002-2003 COUNCIL

As a result of the annual election, membership of the Council is the following:

President	Professor P.G. Goddard FRS (Cambridge)
Vice-Presidents	Professor A.G. Chetwynd (Lancaster) Professor A.J. Scholl (Cambridge)
Treasurer	Dr N.M.J. Woodhouse (Oxford)
General Secretary	Professor N.L. Biggs (LSE)
Programme Secretary	Dr S.A. Huggett (Plymouth)
Publications Secretary	Professor E.C. Lance (Leeds)
Education Secretary	Dr W.B. Stewart (Oxford)
Members-at-Large	Professor I.D. Abrahams (Manchester) Professor M.R. Bridson (Imperial) Professor R.T. Curtis (Birmingham) Professor M.M. Dodson (York) Professor K.J. Falconer FRSE (St Andrews) Professor J. Howie FRSE (Heriot-Watt) Professor M.A.H. MacCallum (Queen Mary) Dr M. Mathieu (Queen's) Dr S.E. Rees (Newcastle) Professor M.A. Reid FRS (Warwick) Dr F.A. Rogers (King's) Professor I.A. Stewart (Leicester)

DAVID CRIGHTON MEDAL

department(s) will be expected to provide office accommodation and the academic support normally offered to a distinguished visitor.

Nominations must have the support of the host department(s), and must be sent by the head of department to the Society's Executive Secretary at The London Mathematical Society, De Morgan House, 57-58 Russell Square, London WC1B 4HS. In order to give time for a proper consideration of nominees, proposals should arrive by **7 February 2003**. The nominations will be considered by the 2003 Prizes Committee before being presented to Council in May 2003.

Further information can be obtained from the General Secretary of the Society, Professor N.L. Biggs (n.l.biggs@lse.ac.uk) or from the Executive Secretary, Mr P.R. Cooper (cooper@lms.ac.uk).

ANNUAL LMS SUBSCRIPTION 2002-03

The Society is appreciative of those members who have paid their 2002-03 subscriptions. May we remind those who have not yet paid that subscriptions were due on 1 November 2002. Prompt payment ensures continuity of publications and avoids the need for time-consuming reminders. The Society reserves the right to discontinue the supply of periodicals and the *Newsletter* to members whose subscription remains unpaid by **31 January 2003**. The methods of payment are either by a sterling cheque drawn on a UK bank; a US\$ cheque drawn on a US bank, direct debit or credit card. If you have misplaced your renewal of subscription form, contact the LMS office (email: membership@lms.ac.uk; tel: 020 7637 3686; fax: 020 7323 3655).

Individual Members 2002-03 Rates

Subscriptions	£	US\$
Ordinary	27.00	54.00
Reciprocity	13.50	27.00
Associate	6.75	13.50
European Mathematical Society	14.00	28.00
Publications		
<i>Bulletin</i> Volume 35	27.00	54.00
<i>Journal</i> Volumes 67 & 68	54.00	108.00
<i>Proceedings</i> Volumes 86 & 87	54.00	108.00
<i>JCM</i> (electronic) Volume 6	free	free
<i>Nonlinearity</i> Volume 16 - except North America	42.00	
- North America		105.00
<i>Journal of A</i>		

DE MORGAN MEDAL 2001

The De Morgan Medal for 2001 was awarded to Professor

EPSRC PUBLIC COMMUNICATION TRAINING FUNDS

The EPSRC has introduced Public Communication Training Funds (PCTFs) as an additional option for all research grant proposals made to EPSRC from April 2002. The new funds will be available for courses which cover the skills required for effective communication via the broadcast or written media, and for presentations, lectures, demonstrations or debates for the general public and schools audiences. The PCTFs provide member of their research team to use specifically for such training.

The aim of the PCTF initiative is to enable EPSRC-supported research teams to achieve greater public awareness of their research and its possible implications for society. It underlines the EPSRC's commitment to the Society of Engineers' report 'Public Communication: A New Challenge for Engineers', published by the Royal Society of Engineers in 2001. It also underlines the EPSRC's commitment to the Royal Society of Engineers' report 'Public Communication: A New Challenge for Engineers', published by the Royal Society of Engineers in 2001.

A recent survey of 600 EPSRC-supported researchers showed a substantial demand for public communication training. Over 76% of the sample were interested in taking up PCTFs, while only 21% had already received some form of training in communicating with the public.

Proposers of projects for EPSRC should include in their bid for a grant by requesting the fund on the EPSRC proposal form.

Further information is available from Dr Kerry Leslie (tel: 01793 444209, email: kerry.leslie@epsrc.ac.uk).

FRANK SMITHIES

Dr Frank Smithies FRSE, who was elected a member of the London Mathematical Society on 15 December 1938, died on 16 November 2002, aged 90. Dr Smithies served as Secretary of the London Mathematical Society from 1948-51 and as Vice-President from 1951-52. He was a Fellow of the Royal Society and the London Mathematical Society.

ROBERT HOOKE COMMEMORATION 2003

Hooke'

Oxford that his prodigiously inventive career began when he entered as a member in 1653. The commemoration will be in the form of a Symposium open to members of the public on Thursday 2 October 2003 from 10.30 am until 4.30 pm with luncheon in the hall at Christ Church, Oxford. The Symposium meetings are to be in the Examination Schools, High Street, Oxford.

Speakers will include Dr Allan Chapman, Professor Michael Cooper, Dr Ellen Tan Drake, Professor John Enderby (Secretary of the Royal Society), Sir Roger Penrose, Sir Martin Rees (Astronomer Royal) and Sir Christopher Zeeman.

Admission will be by ticket (numbers limited by space). Those interested in attending should contact the Secretary, Mrs M. Molloy, Development Office, Christ Church, Oxford OX1 1DP (tel: 01865 286854, fax: 01865 286587, email: margaret.molloy@chch.ox.ac.uk). Visit the website (<http://hooke.chem.ox.ac.uk>) for further details.

Hooke'

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July 2003, at the Royal Society under the auspices of Gresham College. Details are available from the Secretary, Mrs J. Jones, 7 Court Road, Letcombe Regis, Oxfordshire OX12 9JH (tel: 01235 762744, email: julie.jones6@btinternet.com, www.gresham.ac.uk).

19TH BRITISH COMBINATORIAL CONFERENCE

The 19th British Combinatorial Conference will be held at the University of Wales, Bangor, from 29 June to 4 July 2003. The main themes of the conference are the topics within 05 Combinatorics of the Mathematics Classification Scheme 2000, as well as linked topics in other areas.

The nine invited speakers are:

- Lars Andersen (Aalborg)
- Simon Blackburn (Royal Holloway)
- Alexandre Borovik (UMIST)
- Pavol Hell (Simon Fraser)
- Dieter Jungnickel (Augsburg)
- Imre Leader (Cambridge)
- Arun Ram (Wisconsin-Madison)
- Anne Street (Queensland)
- G

who will contribute survey articles to the conference book "Surveys in Combinatorics, 2003". This conference is organised by the British Combinatorial Committee and is receiving financial assistance from the London Mathematical Society. Further details are available from the local organiser, Chris Wensley (bcc2003@informatics.bangor.ac.uk) or from the conference website (www.informatics.bangor.ac.uk/public/math/bcc2003/).

ROYAL SOCIETY UNIVERSITY RESEARCH FELLOWSHIPS 2003

The Royal Society is inviting applications for about 40 Royal Society University Research Fellowships. These fellowships provide outstanding scientists in the natural sciences (including agriculture, mathematics, technology, medical and engineering sciences) with the opportunity to build an independent research career.

Applicants must have a PhD or equivalent research experience and at least two and not more than seven years' -time postdoctoral experience by 1 October 2003. These fellowships are

open only to European Union citizens who are either currently employed in the UK or, if not employed, have at some time been resident in the UK for a continuous period of three years other than for the sole purpose of receiving full-time education. Persons holding a permanent post in a European Union university will not be considered.

These research fellowships must be held in a UK university. They are available from 1 October 2003 e

G. DE B. ROBINSON PRIZE

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King's' from Miss Rebecca Cullen, Mathematics Department, King's
College, Strand, London WC2R 2LS (tel: 020 7848 2107, email: pg.maths@kcl.ac.uk).

BOOK REVIEW

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LONDON MATHEMATICAL SOCIETY

MARY CARTWRIGHT LECTURE

Friday 28 February 2003

National e-Science Centre,
15 South College Street, Edinburgh

3.30 – 4.00 Professor Belá Bollobás (Memphis/Cambridge)
Models of Large-Scale Real-World Networks

4.30 – 5.00 Tea/Coffee

5.00 – 6.00 Mary Cartwright Lecture
Jennifer Chayes (Microsoft Research)
A Model of Directed Scale-Free Graphs

6.00 – 7.00 Reception

7.00 - 9.00 Dinner

Immediately following this event, there will be a dinner at the Chapterhouse Restaurant, to which participants are invited. The cost will be approximately £10 per person at the restaurant.

If you would like to attend this meeting, please register online (<http://umbriel.dcs.gla.ac.uk/NeSC/general/esi/events/154/index.html>). On-line registration will close on **21 February**. Thereafter registration enquiries should be made direct to the conference administrator (adminteam@nesc.ac.uk).

The e-Science Institute is less than 15 minutes' walk from the Edinburgh bus station, and from St Andrews Square bus station. It is approximately 20 minutes by taxi from Edinburgh airport (40 minutes by bus). Visit the website for a map of the area (www.nesc.ac.uk).

There are limited funds available to contribute in part to the expenses of members of the Society or research students to attend the meeting. Requests for support may be addressed to the Programme Secretary at the Society (<http://www.lms.ac.uk>; email: grants@lms.ac.uk). Requests should include an estimate of expenses and a very brief *curriculum vitae*; research students should include brief letters of endorsement from their supervisors.

BRITISH APPLIED MATHEMATICS COLLOQUIUM 2003

**Faculty of Mathematical Studies
University of Southampton
7-10 April 2003**

This meeting, from 7-10 April, will be hosted by the applied mathematics group of the Faculty of Mathematical Studies at the University of Southampton. This year the programme reverts to the traditional format, covering any and all aspects of applied mathematics.

Plenary speakers

Ronald Boisvert (NIST)	Joseph Keller (Stanford)
Michael E Cates (Edinburgh)	Barbara Keyfitz (Houston)
Paul Clavin (CNRS, Marseille)	James Sethian (Berkeley) *
Oliver Jensen (Nottingham)	Jean-Marc Vanden-Broeck (UEA) †

* IMA Lighthill Lecturer

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Minisymposia will include

Mathematical challenges in optoelectronics
Mathematical modelling of food technology
Novel applications of numerical hyperbolics
Transition to turbulence in a pipe
Computational methods for high frequency scattering
Mathematics education and the LTSN

The banquet will be held on the gun deck of HMS Warrior, in Portsmouth Naval Dockyard (all transport provided). A choice of en suite and standard accommodation is available. The closing date for registrations is **28 February 2003**. The website, electronic registration and further details can be found at: www.maths.soton.ac.uk/bamc/

Paper registration form

BAMC'03, Faculty of Mathematical Studies, University of Southampton, Highfield, Southampton SO17 1BJ (fax: 023 8059 5147, email: bamc@maths.soton.ac.uk).

Organising Committee BAMC'03

Professor Adam Wheeler (Chair)
Professor Alistair Fitt (Secretary)
Dr Christopher Howls (Treasurer)

LONDON MATHEMATICAL SOCIETY

in association with the Isaac Newton Institute

Spitalfields Day

Monday 10 February 2003

MATHEMATICAL ASPECTS OF THE DYNAMICS OF PHASE TRANSITIONS

Organiser: C.M. Dafermos (Providence) and P.G. LeFloch (Ecole Polytechnique)

- 10:30 – 11:00 **Coffee**
- 11:00 – 12:00 J. Knowles (Pasadena)
Some applications of continuum-mechanical kinetic relations
- 12:30 – 13:30 **Lunch**
- 14:00 – 15:00 T.J. Pence (East Lansing)
Kinetic relations in finite elastic anti-plane shear and their effect on phase boundary motion, reflected and transmitted waves, and energy dissipation
- 15:00 – 15:30 **Tea**
- 15:30 – 16:30 L. Truskinovsky (Minneapolis)
Kinetic relations generated by lattice models
- 16:30 – 17:30 G. Friesecke (Coventry)
TBA
- 17:30 – 18:30 Wine Reception

Anyone interested is welcome to attend. Please let Tracey Andrew at the Institute know by **31 January 2003** if you intend to come, to help us plan for lunch (Isaac Newton Institute, 20 Clarkson Road, Cambridge CB3 0EH, tel: 01223 335984; fax: 01223 330508; email: t.andrew@newton.cam.ac.uk).

There are limited funds available to assist research students to attend, please apply by **31 January 2003** to Tracey Andrew at the Institute. Scientific enquiries may be addressed to Professor P.G. LeFloch (email: lefloch@cmap.polytechnique.fr).

TEACHING IN LONDON EVENT (TILE) 2003

26 & 27 January 2003

Olympia 2, London

(Part of the Job Scene and Graduate & Professional Recruitment Fair in association with The Evening Standard and the Teacher Training Agency)

Those who can, teach...in London

Teaching is a challenging career and it offers a level of job satisfaction that cannot be matched by other professions. You can choose to follow several career paths, from specialist teaching roles to senior management. And it all starts here...

The Event

Training Courses: London teacher training providers will be on hand to discuss training options with undergraduates who are making their career choice and graduates/career changers looking for somewhere to train.

Teaching Posts: Local Education Authorities will be available to discuss job opportunities in London with current PGCE students including how they should apply and the attractive packages on offer. Qualified teachers who have taken time out from teaching and are now thinking of returning to the profession will also be able to find out how to get back into the classroom.

Further Information: TILE 2003 will provide a comprehensive insight into teaching in London. As well as the specific education and employment facts, the event will provide opportunities to talk to teachers about what the job is really like. There will be a seminar programme running throughout both days and opportunities to obtain one-to-one advice on the various aspects of training and teaching in London today.

Priority Subjects: TILE 2003 is particularly aimed at those people who have an expertise in priority subjects such as: mathematics, modern foreign languages, R.E., English, the sciences, geography, engineering and computer science.

Time: Sunday 26 January, 11 am to 5 pm and
Monday 27 January, 10 am to 4 pm

Location: Olympia 2, Hammersmith Road, London W14

Nearest tube: Kensington Olympia

Entry: Admission Free

For more information visit the website (www.canteach.gov.uk/tile2003) or call the Teaching Information Line on 0845 6000 991 or email (ttatile@hillandknowlton.com).

A BRIEF HISTORY OF THE DE MORGAN MEDAL

Most mathematicians would recognise the name Augustus De Morgan, if only through an acquaintance with ‘

name has an extra significance because of the key role he played in the Society’

When the LMS held its inaugural meeting on 16 January 1865, he was its first President, and was to remain an enthusiastic member during its formative years. Not long after his death in 1871, a meeting was held to discuss an appropriate testimonial in his memory. One of the resolutions of the resulting “

a De Morgan medal, to be awarded annually by the [London] Mathematical Society to the writer of the most original mathematical treatise”

Although the decision to commemorate De Morgan with the award of an LMS medal had not been initiated by the Society itself, its members quickly endorsed the idea. But the inauguration of the commemorative medal was to take far longer than anticipated, for a variety of reasons. For example, it took several years to agree on a precise design. Eventually it was decided that one side of the medal should feature De Morgan’ “

This was a drawing of which De Morgan had been especially proud, incorporating notation used in his work on

De Morgan Medallists 1884-2001

1884	Arthur Cayley	1944	Sidney Chapman
1887	James Joseph Sylvester	1947	George Neville Watson
1890	Lord Rayleigh	1950	Abram Samoilovitch Besicovitch
1893	Felix Klein	1953	Edward Charles Titchmarsh
1896	Samuel Roberts	1956	Geoffrey Ingram Taylor
1899	William Burnside	1959	William Vallance Douglas Hodge
1902	Alfred George Greenhill	1962	Maxwell Herman Alexander Newman
1905	Henry Frederick Baker	1965	Philip Hall
1908	James Whitbread Lee Glaisher	1968	Mary Lucy Cartwright
1911	Horace Lamb	1971	Kurt Mahler
1914	Joseph Larmor	1974	Graham Higman
1917	William Henry Young	1977	Claude Ambrose Rogers
1920	Ernest William Hobson	1980	Michael Francis Atiyah
1923	Percy Alexander MacMahon	1983	Klaus Friedrich Roth
1926	Augustus Edward Hough Love	1986	John William Scott Cassels
1929	Godfrey Harold Hardy	1989	David George Kendall
1932	Bertrand Russell	1992	Albert Fr
1935	Edmund Taylor Whittaker	1995	Walter Kurt Hayman
1938	John Edensor Littlewood	1998	Robert Alexander Rankin
1941	Louis Joel Mordell	2001	Sandy Alexander Green

PHOTOGRAPH OF CAYLEY

ARTHUR CAYLEY I

***Change 14 May 2003 LMS Midlands Regional Meeting, Coventry University to
14-17 May 2003 LMS Midlands Regional Meeting & Workshop, Uncertainty Modelling,
Coventry University (311)***