

THE LONDON MATHEMATICAL SOCIETY NEWSLETTER

No. 299

December 2001

FORTHCOMING SOCIETY MEETINGS

Friday 15 February 2002 – London

Mary Cartwright Lecture

S.K. Donaldson FRS, F.C. Kirwan FRS

Wednesday 27 February 2002 – Birmingham

Midlands Regional Meeting

Model Theory and Logic

Tuesday 11 June 2002 – Liverpool

Northern Regional Meeting

Algebraic Geometry, Knot Theory and Related Areas

Friday 21 June 2002 – London

Professor A.R. Its (Hardy Lecture)

COUNCIL DIARY 19 October 2001

This was a meeting largely taken up with matters of detail rather than the broad sweep of policy. We had a lengthy report from the President on many events which had taken place since the June Council meeting. Elsewhere in this *Newsletter* can be found a report on the successful joint EPSRC/IMA/LMS one-day meeting on Mathematics for Solid and Structural Mechanics, which is one of the first fruits of the collective initiative by the three organisations to promote collaboration between mathematicians and engineers. An important item was the announcement of the appointment of the next Executive Secretary of the Society, Peter Cooper. He has worked previously for the Royal Society and the Institute of Physics, and will take over from Ben Garling who is retiring next year.

We had a long and (to no-one's surprise) downbeat report and discussion on the state of the Society's investments. Apart from the bricks and mortar of De Morgan House, a substantial part of the Society's assets is made up of an investment portfolio, and the

decline in equity markets over the last couple of years has taken its toll. Nevertheless the overall value of the Society's assets has nearly doubled since 1994, and our financial position remains sound and well-founded.

A large part of the meeting was taken up with nominations for LMS committees - the turnover this year being somewhat above average. Some reorganisation will also take place. Recent developments in our publishing activities, notably the contract to publish *Compositio Mathematica*, have indicated the importance of having a committee which can concentrate on strategic issues rather than the day-to-day management of our publication business. The pilot Publications Strategy Group which was set up after the 1998 Retreat is to be replaced by a fully-fledged new Publications Committee, which will take a broad overview and handle major items such as pricing and contracts; a new Editorial Committee has been set up to oversee the day-to-day running of the Society's publications.

Tony Scholl

BULLETIN OF THE LMS

At the LMS Council meeting on 19 October 2001 there was a debate about the idea of including the *Bulletin* of the LMS as part of the subscription. (The debate is not new, there having been discussions on this topic ever since the *Bulletin* began over 30 years ago.) It was clear that there would be implications in the implementation of such a change, among them being:

- (i) the need for an increase of the subscription to something approaching twice its present level, and
- (ii) the need for the *Bulletin* to be changed in its content to reflect better the diverse interests of the membership, to include indeed more applications of mathematics;
- (iii) the *Bulletin* might also need to be developed to include more articles of general interest, such as survey articles.

From the discussion there emerged also the idea of re-thinking the nature and role

of the LMS *Newsletter* as well as that of the LMS *Bulletin*. Members of Council drew attention to the Notices and Bulletin of the AMS, to SIAM News and SIAM Review to IMA's 'Mathematics Today' and to Mitteilungen der DMV of the German Mathematical Society. Could we benefit our Society, the LMS, by changing the *Newsletter* and *Bulletin* in some ways? Would Mathematics benefit?

I emphasise that no decision has been taken on any of these matters. This is a matter for discussion by all of us, all members of the LMS.

Please contribute to the debate by sending your views, either directly to Professor J.T. Stuart, President of the LMS, De Morgan House, 57-58 Russell Square, London WC1B 4HS (e-mail: president@lms.ac.uk), or to Susan Oakes (oakes@lms.ac.uk) for possible publication in the *Newsletter*.

J.T. Stuart
President, LMS

PRIZES 2002

A Prizes Committee has now been appointed for 2002. The membership is:

Professor J.T. Stuart	j.stuart@ic.ac.uk
Professor P. Goddard	pg@damtp.cam.ac.uk
Professor A. Iserles	ai@damtp.cam.ac.uk
Professor T.J. Lyons	tlyons@maths.ox.ac.uk
Professor A.J. Macintyre	angus@maths.ed.ac.uk
Professor U. Martin	um@dcs.st-and.ac.uk
Professor E.G. Rees	elmer@maths.ed.ac.uk
Professor J.F. Toland	jft@maths.bath.ac.uk

Members are invited to submit their views on possible candidates, for the award of the Polya, Senior Berwick, Naylor and Whitehead Prizes, details of which were given in the November *Newsletter*, to the President, Professor J.T. Stuart, London Mathematical Society, De Morgan House, 57-58 Russell Square, London WC1B 4HS (e-mail: president@lms.ac.uk) or to any other member of the Prizes Committee by **14 January 2002**. Nominations should contain explicit reference to the grounds on which the nomination is based.

Deadlines Reminder

4 January	Registration for the British Women in Mathematics Day
11 January	Hardy Fellow 2004 nominations
14 January	Submission of nomination to Prizes Committee
8 February	Submission of applications for the Cecil King Travel Scholarship
11 February	Payment for dinner at the Mary Cartwright Meeting
28 February	Submission for an LMS grant to ICM 2002 - Beijing

LONDON MATHEMATICAL SOCIETY

MARY CARTWRIGHT LECTURE

Friday 15 February 2002

Room G50, School of Oriental and African Studies,
Thornhaugh Street, Russell Square, London WC1

3.30 pm **Professor S.K. Donaldson FRS** (Imperial College)
Convex analysis and toric manifolds

4.30 pm Tea

5.00 pm **Mary Cartwright Lecture**
Professor F.C. Kirwan FRS (Oxford)
Moduli spaces of Riemann surfaces and
holomorphic bundles

A reception will be held at De Morgan House at 6.15 pm with a dinner afterwards at Poons Restaurant, 50 Woburn Place, Russell Square, London WC1 at 7.15 pm. The cost will be £23.50 per person, inclusive of wine. Those wishing to attend should inform Frances Spoor, London Mathematical Society, De Morgan House, 57-58 Russell Square, London WC1B 4HS, enclosing a cheque payable to the 'London Mathematical Society' to arrive no later than **Monday 11 February 2002**. Those wishing to book accommodation should contact Frances Spoor (tel: 020 7927 0800, e-mail: spoor@lms.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 Meetings and Membership Secretary, London Mathematical Society, De Morgan House, 57-58 Russell Square, London WC1B 4HS (lms@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.

EDUCATION COMMITTEE GRANTS

Education Committee welcomes requests for support for activities such as popular lectures, exhibitions, masterclasses, and competitions, that help to encourage joint ventures between universities and schools, or the development of projects that would improve the public image of mathematics. The Committee would like LMS members to apply for grants themselves or to encourage other appropriate individuals to do so. Preference will be given to activities that involve more than one school.

To make the job of the Committee as simple as possible, any application for support should contain a brief description of the proposed event or project, with an outline of the expected expenses and details of other sources of support. The Committee meets in September, January, and April, so please apply well before the event. Requests should be sent to Miss F. Spoor, London Mathematical Society, De Morgan House, 57-58 Russell Square, London WC1B 4HS (tel: 020 7927 0800, fax: 020 7323 3655, e-mail: spoor@lms.ac.uk).

GRANTS FOR ATTENDING ICM-2002

Council of the London Mathematical Society has set aside a sum of money to help Members of the Society normally resident in the UK to attend the International Congress of Mathematicians in Beijing.

Applications for LMS grants may be made by three categories of people.

- (a) Those who have applied for Royal Society grants but were unsuccessful may simply submit copies of their Royal Society applications.
- (b) Anyone who has obtained a Royal Society grant but considers it very inadequate may submit a copy of the original application together with a case for the LMS supplementing it

(but applicants should realise that neither the Royal Society nor the LMS grants are likely to cover the whole cost of attending the ICM).

- (c) Those who are ineligible for Royal Society grants may apply on forms obtainable from the address below, or from the Society's website (<http://www.lms.ac.uk>).

Applications should be sent to The Administrator, London Mathematical Society, De Morgan House, 57-58 Russell Square, London WC1B 4HS to arrive before **28 February 2002**. They will be considered by a Council Subcommittee and results should be known by 22 March 2002.

J.S. Pym
Council and General Secretary

MOHAMMED A. AL-BASSAM

Professor Mohammed A. Al-Bassam, who was elected a member of the London Mathematical Society on 19 October 1984, died on 23 August 2001, aged 78.

ALBRECHT FRÖHLICH

Professor Albrecht Fröhlich FRS, who was elected a member of the London Mathematical Society on 21 January 1954, died on 8 November 2001, aged 85. He was awarded the De Morgan Medal in 1992 and Senior Berwick Prize in 1976.

VISIT OF DR V. MAZORCHUK

Dr V. Mazorchuk from Göteborg University, Sweden, will be visiting the UK from 7 January to 4 February 2002. He will be based at the University of Leicester, but will give seminars at Leeds, Liverpool and Oxford. The visit is supported by an LMS Scheme 2 grant. For further information contact Steffen Koenig, Department of Mathematics and Computer Science, University of Leicester, University Road, Leicester LE1 7RH (tel: 0116 252 5670, e-mail: sck5@mcs.le.ac.uk).

LONDON MATHEMATICAL SOCIETY MIDLANDS REGIONAL MEETING

UNIVERSITY OF BIRMINGHAM
SCHOOL OF MATHEMATICS & STATISTICS

Wednesday 27 February 2002

- | | |
|---------|---|
| 2.00 pm | Arrival and Poster Display
(Physics Bridge, Watson Building) |
| 2.30 pm | Dr P.M. Neumann (Oxford)
<i>Infinite Jordan Groups</i> |
| 3.40 pm | Dr A.D. Gardiner (Birmingham)
<i>Why Should the Mathematical Community Care About Olympiads?</i> |
| 4.40 pm | Tea (Physics Bridge, Watson Building) |
| 5.15 pm | Professor A.J Macintyre (Edinburgh)
<i>Prospects for Model Theory</i> |
| 6.15 pm | Reception, Prize giving for the best Postgraduate Poster
(Physics Bridge, Watson Building) |
| 7.00 pm | Dinner (University, Staff House) |

Please let Richard Kaye (R.W.Kaye@bham.ac.uk) know if you will be attending the meeting. In particular, he needs to know in advance if you will be attending the dinner (between £15 and £20, not including drinks).

Also please inform Richard Kaye if you would like (or if you have been told you would like) to display a poster at the meeting.

During the three days following this meeting there will be an LMS sponsored mini-conference (also at Birmingham) on *Model Theory and Model Theoretic Algebra*. For further information visit the website (<http://www.mat.bham.ac.uk/R.W.Kaye/models2002/>).

Some funds are available to contribute in part to the expenses of members of the Society or research students who wish to attend the meeting. Requests for support should be addressed to the Meetings and Membership Secretary, London Mathematical Society, De Morgan House, 57-58 Russell Square, London WC1B 4HS (lms@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.

EUROPEAN POST-DOCTORAL INSTITUTE FOR THE MATHEMATICAL SCIENCES

Five two year grants (2002-2004) are offered to young European scientists who obtained their PhD in mathematics (pure or applied) or mathematical physics in 2000 or later. The programme will be organised as follows:

- 6 to 18 months in one of the nine EPDI institutions (see list below);
- 6 to 18 months in another European institution (research centre, university, corporation, etc)

Candidates should hold European citizenship (European Union and associated countries, and Eastern European countries), and have a PhD or equivalent in Mathematical Sciences obtained in 2000 or later (in Europe or elsewhere).

The participating institutes are:

- Institut des Hautes Études Scientifiques (Bures-sur-Yvette, France)
- Isaac Newton Institute for Mathematical Sciences (Cambridge, UK)
- Max-Planck-Institute für Mathematik (Bonn, Germany)
- MPI in den Naturwissenschaften (Leipzig, Germany)
- Erwin Schrödinger Institut (Vienna, Austria)
- Institut Mittag-Leffler (Djursholm, Sweden)
- Banach Center (Warsaw, Poland)
- Centre de Recerca Matemàtica (Barcelona, Spain)
- Forschungsinstitut für Mathematik (Zürich, Switzerland)

Applications in the mathematical topics covered by special programmes at these institutes will be given special consideration. Apply directly to the website (<http://www.ihe.fr/EPDI/domain.html>). The deadline is **31 December 2001**.

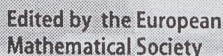
FOURTH ORDER PDES, THEORY AND APPLICATION

A TMR/LMS workshop on Fourth Order PDEs, Theory and Application will be held on 7 - 9 January 2002 at the University of Bath. The invited speakers include:

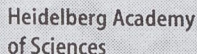
- John Barrett (Imperial College)
- Michel Bertsch (IAC Rome)
- Alan Champneys (University of Bristol)
- Harald Garcke (University of Bonn)
- Lorenzo Giacomelli (University of Rome)
- Gruenther Gruen (University of Bonn)
- Danielle Hilhorst (University of Paris South)
- John King (University of Nottingham)
- Gabriel Lord (Heriot-Watt)
- Amy Novick-Cohen (Technion)
- Roberta Dal Passo (University of Rome)
- Bert Peletier (Leiden University)
- Mark Peletier (CWI, Netherlands)
- Fernando Quirós (University of Madrid)
- William Troy (University of Pittsburgh)
- Sandra Wieland (University of Bonn)

There will also be talks from TMR fellows.

The organisers are Professor Chris Budd (University of Bath) and Professor Alan Champneys (University of Bristol). A limited number of places are available. There is no registration fee and a small number of grants are available to cover the local expenses of PhD students. If interested contact the organisers on (tel: 01225 826998, fax: 01225 826492, e-mail: masadl@maths.bath.ac.uk), please mark for attention of A. Linfield, or visit the website (<http://www.bath.ac.uk/~mascjb/tmrwork.html>) This workshop is supported by the TMR network ERB 4061 PL 97-0159 on Parabolic Equations and by the LMS.



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BOOK REVIEW

Development of Mathematics 1950-2000, Jean-Paul Pier (ed.), Birkhäuser, Basel, 2000, 1372 pp, \$169, ISBN 3 7643 6280 4

The first, and most famous, attempt at a review of the development of mathematics viewed by centuries is *Vorlesungen über die Entwicklung der Mathematik im 19. Jahrhundert* by Felix Klein (1849-1925), published posthumously in two volumes by Springer (1926, 1927) and reprinted by Dover (1950). Klein's book is still valuable, both for information and for insight into historical perspective - although it is perhaps as revealing about Klein as about nineteenth-century mathematics. It remains the benchmark by which similar but later ventures will be judged.

The ambitious task of attempting a similar synthesis for the mathematics of the twentieth century was taken up by Jean-Paul Pier and his colleagues on the Scientific Committee that produced this book. There are ten in all, mostly from French-speaking countries; they include in particular Jean-Pierre Kahane, whose splendid writings on the history of mathematics, especially the analysis-probability interface, will be familiar to members of the LMS (*Bulletin* 29 (1997), 257-279, etc.). The first volume in this enterprise, covering 1900-1950, was published (also by Birkhäuser) in 1994.

Very wisely, no attempt has been made to write a one-author account of this vast field. Instead, the committee has given us thirty-six accounts of different mathematical areas, each by a chosen specialist or specialists in that field. The majority of the material - the 23-page introduction, and twenty of the papers - is in French; the remaining sixteen papers are in English. Of course, this method of assembling the book has the advantages of closely matching the expertise of writer to subject-matter throughout, and of rapid response, the book appearing in the same year that its coverage ends. The most obvious drawback concerns the coverage. So much mathematics appeared in

the last century that any full treatment would be of encyclopaedic length; any treatment not of inordinate length is bound to be open to charges of incomplete or skewed coverage. As it happens, the interests of specialists in my own area, probability, are well served (six chapters, plus others on statistics, information theory, sampling theory of signal analysis, genetics, fractals and wavelets). Mathematical logic too seemed to me well served, and perhaps also analysis and number theory. I suspect that those in algebra and topology, for example, would feel less pleased with the selection. So too, perhaps, would applied mathematicians generally, and the interactions between mathematics and physics seem to me better served in the introduction than in the text proper.

The chapters that I have read in detail have been a pleasure to read - authoritative, informative, and well-balanced. The several others that I have skimmed I have learned from. The book is hardly designed to be read from cover to cover; rather, it is there for reference for the expert, and for the information of the general mathematician. I would say that the book succeeds admirably in both these respects.

The Institute for Mathematical Research at ETH Zürich has made a point of photographing all its visitors since its foundation in 1978. The resulting photographic archive is by now an important historical resource (complemented by the older but less systematic one at Oberwolfach). Some 200 photographs of individual mathematicians from the ETH collection are included here (this reviewer was irrationally pleased to see himself - as he was in 1995 - included here, all the more for what I had considered one of my more neglected papers). Alas, nothing is perfect. It was no surprise to see the face of Terry Lyons included here. It was a surprise to see him cited in a passage on probability on trees, relating to the work of Russell Lyons of Indiana.

With thoughts both of Klein's book and

of one's own mortality in mind, it is natural to speculate on how our successors will approach the task of summarising the mathematical progress of the present century. In view of the continuing explosion of published mathematics, perhaps they will continue the binary splitting and write by quarter-centuries (in which case I - b. 1945 - might yet see the next instalment). If they continue the present format of proceeding by half-century, they will no doubt be faced with even more severe problems over selection of material. Let us hope, for the sake of

mathematical progress in the future, that they are.

In sum: this book is a valiant, and I would say, by and large, a successful, attempt to put in one book, of reasonable length, an account of some of the salient features of mathematical progress in the last half-century. It, together with its preceding companion volume, is an essential purchase for mathematical libraries, and a valuable resource for any mathematician with an interest in the history of the subject. I recommend it warmly.

N.H. Bingham

LONDON MATHEMATICAL SOCIETY

BRITISH WOMEN IN MATHEMATICS DAY

Wednesday 9 January 2002

10.30 am	Coffee and Registration
11 am - 1 pm	Morning session - four half hour talks by Elizabeth Mansfield Alice Miller Susanne Mischke Reidun Twarok
1 pm - 2 pm	Lunch
2 pm - 3 pm	Afternoon Session - four half hour talks by PhD students on their work
4 pm	Tea

The day is free for graduates and undergraduates with help available for travelling expenses. There will be a charge of £5 for others to cover coffee, tea and a buffet lunch. All are welcome, but those intending to come should contact Frances Spoor at the London Mathematical Society (tel: 020 7927 0800, e-mail: spoor@lms.ac.uk) by **4 January 2002** as numbers are limited.

While women are specifically encouraged to attend, men are also welcome. The programme should be of interest to third and fourth year undergraduates considering a career in mathematical research. There will be plenty of opportunity for informal discussion with practising women mathematicians.

The meeting will be held in the Hardy Room at De Morgan House, 57-58 Russell Square, London WC1B 4HS. Please contact Frances Spoor (spoor@lms.ac.uk) for further details.

INSTITUT DES HAUTES ÉTUDES SCIENTIFIQUES

The Institut des Hautes Études Scientifiques, located in Bures-sur-Yvette (France), welcomes each year 200 to 250 mathematicians and theoretical physicists from all over the world and for various periods (2 or 3 days up to 1 or 2 years).

Created in 1958, the IHÉS is a Private Foundation of international standing with the purpose of "favoring and developing theoretical research in Pure Mathematics, Theoretical Physics, Human Sciences Methodology and every other discipline which could be linked to those". The IHÉS is financed by the French *Ministère de la Recherche*, some European research agencies such as the Engineering and Physical Sciences Research Council in the United Kingdom, the US National Science Foundation, the European Union, and several French and foreign foundations and companies. In February 2000, the European Commission acknowledged the IHÉS as a Large European Research Infrastructure centre.

- Director: Jean-Pierre Bourguignon
- Permanent Professors: Thibault Damour, Mikhael Gromov, Maxim Kontsevich, Laurent Lafforgue, Nikita Nekrassov
- Honorary Professors: David Ruelle, René Thom
- Léon Motchane Chair: Alain Connes
- Louis Michel Chairs: Jürg Fröhlich, Michael Douglas
- Long term CNRS visitors: Ofer Gabber, Christophe Soulé
- External Members of the Scientific Committee: Alain Connes, Bernard Derrida, Giovanni Gallavotti, Michael Green, Hendrik Lenstra, Peter Sarnak, Michael Rapoport, Gabriele Veneziano

William Hodge Fellowships: 2002 /2003

The Engineering and Physical Sciences Research Council has now been supporting the IHÉS for a number of years and decided in 2000 to foster closer links between British Institutions and French mathematical research centres of excellence. British mathematicians and theoretical physicists are invited to apply to the IHÉS to visit and additionally perhaps to use the opportunity to visit research groups in the Paris region. More information is given on the IHÉS website. In addition, the EPSRC and the IHÉS are offering annually two 1-year fellowships under the name of Sir William Hodge, the eminent British mathematician whose main interests were in algebraic and differential geometry. The fellowships will enable outstanding young mathematicians and theoretical physicists to spend time at the IHÉS.

Conditions for application

PhD in Mathematics or Theoretical Physics obtained in 1999 or later. One of the two grants will be exclusively awarded to an applicant who has received his/her PhD from a UK University or has spent the last year in a UK university.

Selection of Applicants

Applications will be reviewed and selection made based only on the criterion of excellence by the IHÉS Scientific Committee on 12 January 2002. This Committee consists of the permanent professors, the Director, and some external members (names are listed above). The starting date of the fellowships is September or October 2002. The application file should be sent through the IHÉS website (www.ihes.fr) and should include a motivation letter, a CV, a publication list, a research project and two or three letters or recommendation. The deadline for applications is **31 December 2001**.

For further information contact IHÉS, 35 route de Chartres, F-91440 Bures-sur-Yvette, France (tel: +33 1 6092 6600, fax: +33 1 6092 6669, e-mail: hodge@ihes.fr, website: www.ihes.fr).

CECIL KING TRAVEL SCHOLARSHIP 2002

The Cecil King Memorial Foundation has established a Cecil King Travel Scholarship in Mathematics to the value of £5000, to be awarded annually to a young mathematician of outstanding promise, to support a period of study or research abroad for a typical period of three months, to enhance his or her studies and further his or her career development. The Scholarship will normally be awarded to a UK or Irish National under the age of 25 years, either registered for or having recently completed a doctoral degree at a UK University. The Travel Scholarship was awarded for the first time in 2001, to Kevin Costello, of Cambridge University.

The award will be competitive and based on a written proposal describing the intended programme of study or research abroad and the benefits to be gained from such a visit, a short presentation and an interview.

The award will be made by the Council of the London Mathematical Society on the nomination of the Cecil King Prize Committee, whose members will be nominated by the Society's Education Committee.

The initial application should include:

1. A completed application form.
2. A short proposal (4 pages maximum) indicating the proposed programme of study abroad, the benefit of such an opportunity in advancing the candidate's studies, and an indication of the Institute that the candidate wishes to visit.
3. A letter of support from the Head of their Department, or from their Research Supervisor.

The initial applications will then be considered by the Cecil King Prize Committee, which will select up to six candidates for interview. Selected candidates will be asked to approach the intended research institution or research leader to be visited, to confirm that a visit would indeed be welcomed if an award were made. They will then be invited to make a brief presentation to the Cecil King Prize Committee on their proposed research and the benefits to be gained from the visit abroad.

Final ratification of the award will require formal confirmation from the institution/person to be visited, indicating their willingness to welcome the visit and to provide whatever supervision and research facilities might be needed. Any supervision or other fees will be paid from the Prize.

At the end of the visit, the student will be expected to write a short report to the Cecil King Memorial Foundation, indicating the activities and benefits gained from the visit.

Application forms may be obtained from the Executive Secretary, The London Mathematical Society, De Morgan House, 57-58 Russell Square, London WC1B 4HS (e-mail: lms@lms.ac.uk) or from the Society's website (http://www.lms.ac.uk/activities/prizes_com/index.html). The closing date for applications is **Friday 8 February 2002**. It is hoped that the Scholarship will be awarded on 23 March 2001.

WORKSHOP ON STRUCTURED RING SPECTRA AND THEIR APPLICATIONS

A Workshop on Structured Ring Spectra and their Applications will be held at Glasgow University on 21-25 January 2002. This workshop aims to provide a short series of introductory lectures on structured ring spectra and their applications suitable for graduate students and other mathematicians with an interest in algebraic topology and its applications, and to bring together experts and encourage their interaction. The programme of the meeting will include morning sessions consisting of short sequences of lectures by invited speakers, and afternoon sessions with talks on current research activity. The workshop is supported by an LMS Conference Grant for funding for the support of invited speakers and British based postgraduate students and further funding is being sought. The organisers are A. Baker and B. Richter. For further details see the website (http://www.maths.gla.ac.uk/~ajb/ring_spectra/ringspectraconf.html).

CONFERENCE ON LIE GROUPS

This conference will take place from 17-19 December at Twente University, The Netherlands. The speakers include: G. Felder (ETH), J. van der Jeugt (Ghent), V. Kac (MIT), J.L. Miramontes (Santiago de Compostela), T. Nomura (Kyoto), M. Olshanetsky (ITEP), K. Rietsch (Oxford), S. Sahi (Rutgers), A. Varchenko (Chapel Hill). The conference fee is Dfl 200 (Euro 91); this includes 3 lunches and the conference dinner. For further information see the website (<http://www.math.utwente.nl/~lie>).

ERRATUM

With apologies to the Institute of Physics Publishing: in the Journal Backlog figures for 2000 - 2001 published in the November *Newsletter*, the average time from submission to acceptance for papers sent to J Phys A was given as 23.5 months. This was an error - the correct time period was 3.5 months.

Susan Hezlet
LMS Publisher

LONDON MATHEMATICAL SOCIETY



LMS T-SHIRTS

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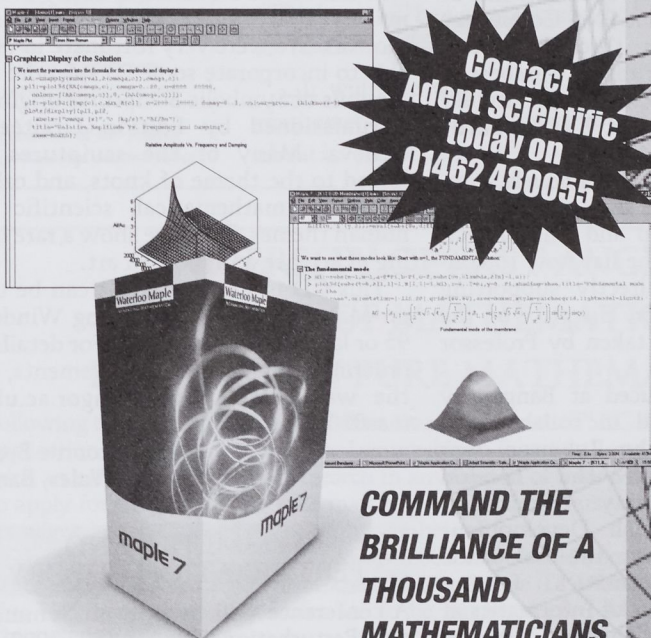
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If you wish to purchase a t-shirt please send a cheque made payable to the 'London Mathematical Society' to Frances Spoor, London Mathematical Society, De Morgan House, 57-58 Russell Square, London WC1B 4HS. For members outside the UK please enclose an extra £1.50 postage and packaging. For alternative payments contact Frances (tel: 020 7637 3686, fax: 020 7323 3655, e-mail: spoor@lms.ac.uk).

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RAISING PUBLIC AWARENESS OF MATHEMATICS KNOTS, MATHEMATICS AND SYMBOLIC SCULPTURE

This CDRom was produced in WMY2000 by the Centre for the Popularisation of Mathematics at the University of Wales, Bangor, as part of a funded EC Project instigated by the European Mathematical Society, led by Mireille Chaleyat-Maurel (Paris) and involving also the Chairman of the EMS WMY2000 Committee, Vagn Lundsgaard Hanson (Lyngby). Paris led a large project on Posters in Public Transport, and Lyngby led a poster competition. These and other activities in the direction of the general public, school teachers, pupils and Governments had so great an impact that the EMS Committee continues its action through a new Committee "Raising Public Awareness in Mathematics" (http://www.mat.dtu.dk/persons/Hansen_Vagn_Lundsgaard/rpa.html).

The writer found it tremendously stimulating to be involved over the last two years with this group and this project, but with regret feels he has now to concentrate on work directly supporting mathematics at Bangor. His place on the Committee has been taken by Professor Chris J. Budd (Bath).

The CDRom produced at Bangor by SUMit Software, and in collaboration with the sculptor John Robinson, was supported also by the London Mathematical Society Education Committee, the Welsh Development Agency, Wales Relay, the Sociedade Portuguesa de Matemática, Edition Limitée, and the School of Informatics at Bangor. It was launched at Obidos, Portugal, and at Bangor, Wales, in November, 2000, as part of European Science and Technology Week 2000, as part of European Science and Technology Week 2000. It presents a linked account of knots, mathematics and John Robinson's Symbolic Sculptures. It is truly designed to appeal to the general public, and so can be appreciated in many

ways by people from the ages of 8 to 80 (or more). It also gives direct visualisations of some advanced concepts, such as the projective plane, and fibre bundles. It has been presented to the general public and to professional mathematicians.

One aim is to show not just that mathematics has applications in the real world, but to try to explain to the general public some of the methods, which lead to these applications. So the knot exhibition in the CD illustrates methods such as representation, classification, invariants, breaking a complex process or object into small standard parts, laws, analogy, and applications. A further aim of the CD is to appeal to sensibility and the imagination - without this appeal, many gifted people will fail to see a reason to study mathematics apart from purely utilitarian motives. We were very fortunate in being able to incorporate some 23 splendid animations of Symbolic Sculptures originally commissioned by Edition Limitée of Geneva. Many of the sculptures are linked to the theme of knots, and others symbolise mathematical, scientific and human themes. Thus we show a rare linking of science and modern art.

This CD is Version 1.1. It can be used on Macs, and on PCs running Windows 95 or later. The price is £15. For details on ordering and system requirements, see the web (<http://www.bangor.ac.uk/~mas010/CDAdvert.html>).

Ronnie Brown
University of Wales, Bangor

SYMMETRY AND PERTURBATION THEORY

A conference will be held on Symmetry and Perturbation Theory (SPT2002) on 19-26 May 2002 at Cala Gonone (Sardinia, Italy). The organisers for this event are S. Abenda (Bologna), G. Gaeta (Roma and Milano), S. Walcher (Munich). For further information send an empty e-mail message with the title 'subscribe' (e-mail: spt.spt@tiscalinet.it), or look on the website (http://web.tiscalinet.it/spt_spt/spt2002.html).



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Following the appointment of Dr Mirna Dzamonja to an EPSRC Advanced Fellowship, applications are invited for a 5-year Lectureship in Pure Mathematics. Mathematicians with an established record of research in any branch of Pure Mathematics are invited to apply for this post. Preference may be given to applicants whose research interests are aligned with those of the present members of faculty.

The post is available from 1 February 2002 and should commence no later than 1 September 2002. Salary will be on the Lecturer A scale (£19,486 to £24,193 per annum) plus USS benefits. (Salary scales are to be increased on 1 March 2002, £19,681 to £24,435 per annum.)

For informal discussions please contact the Dean, Dr Gareth Janacek (01603-592849, e-mail g.janacek@uea.ac.uk) or Dr Tom Ward (01603-592848, e-mail t.ward@uea.ac.uk).

Information about the School can be found on the world wide web
(<http://www.mth.uea.ac.uk/>).

Further details and an application form should be obtained from the Director of Personnel and Registry Services, University of East Anglia, Norwich NR4 7TJ (telephone: 01603-592733), to be returned by **Monday 7 January 2002**. Please quote reference AC388.

MEETING OF THE EDITORIAL ADVISORY BOARD

At the end of September, there was a meeting in De Morgan House of the Editorial Advisory Board of the *Bulletin*, *Journal* and *Proceedings*. Previously, such meetings have been few and far between, and always in conjunction with a BMC meeting. Editors of all three periodicals were present, along with about half of the 30 or so members of the Advisory Board.

The Editors' reports raised the question of subject coverage. The Editors' overriding priority is to accept the best papers, regardless of subject area. But they also want to aim for a balanced subject coverage, that does not result in topics being either over-represented or, more seriously, neglected. In particular, we should like to encourage more papers in applicable areas of mathematics, reflecting the spread of interests of members of the Society.

The centralised submissions system and tracking database have now been in operation for two years, and one aim of the meeting was to review how well the system works. The Publisher, Dr Susan Hezlet, reported that the new system has been successful in giving early warning of potential problems, and that refereeing times have been significantly reduced by sending automated reminders to referees.

In a discussion of how we can continue to improve our procedures, a main theme to emerge was that we should increasingly use electronic communications wher-

ever possible, for example e-mails rather than letters for reminders to referees, and pdf files rather than printed proofs for authors. We are already moving in this direction, and there are also plans to bring the tracking database online, so that Editors and Advisers can have access to appropriate parts of it. It is also proposed that authors should have (very limited) access, so that they can verify that their paper has been received and see whether it is still under consideration or whether a decision has been made on it.

There was a discussion on the confidentiality of referees' reports: are there any instances where these should be preserved for posterity? In some cases, they could have great historical interest. Nevertheless, there was a firm consensus that it was more important to be able to assure referees of the confidentiality of their reports, and that these should always be destroyed after an appropriate period (say two years after publication), with nothing archived.

The meeting was very useful, in raising a number of important issues and in enabling Advisers, Editors and publications staff to get to know each other better. It was agreed to hold future meetings of the Board at approximately two-yearly intervals. More pictures of the occasion can be found on the web (<http://www.lms.ac.uk/publications/advisers.html>).

Christopher Lance
Publications Secretary

COMBINATORICS MEETING

The Open University Winter Combinatorics Meeting 2002 will take place on Wednesday 23 January at Walton Hall, Milton Keynes. Talks will be in room SS0049; the first talk starts at 10.45 am and the last talk will finish at 4.25 pm. Speakers are Norman Biggs, Darryn Bryant, Ray Hill, Kenny Paterson and Stephanie Perkins. More information (titles and abstracts of talks) may be found on the web (<http://mcs.open.ac.uk/puremaths/combin>).

DEPARTMENTAL NEWS

Cambridge University: Professorships: Professor H. Osborn, DAMTP, Professor C.B. Thomas, DPMMS, Professor P.M.H. Wilson, DPMMS, Professor A.M. Pitts, Computer Laboratory. Readerships: Dr J.R. Lister, DAMTP, Dr F. Quevedo, DAMTP, Dr M.G. Worster, DAMTP, Dr A. Corti, DPMMS, Dr J. Nekovar, DPMMS. New appointment in DPMMS: Professor A.J. Scholl, Kuwait Professor of Number Theory and Algebra.

LMS EDITORIAL ADVISORY BOARD MEETING
held on 27 September 2001 at De Morgan House

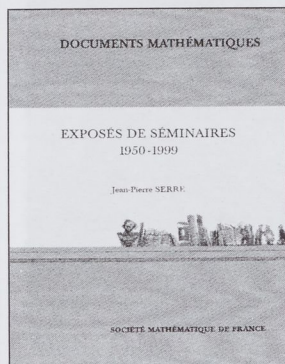


from l to r : F.E. Burstall, A.R. Pears, S.R. Bullett, T. Carroll, J.R.L Webb, D.M.Q. Mond, A.D. Gardiner, S.P. Hezlet, J. Brodzki, G.R. Robinson, J.E. Cremona, S.C. Power, G. Blower, W.W. Crawley-Boevey, B.J. Totaro, J. Saxl, B.J. Birch, E.C. Lance



from l to r : T. Carroll, A.R. Pears, S.P. Hezlet, D.M.Q. Mond, S.R. Bullett, J.R.L. Webb, F.E. Burstall, J.R. Partington, S.E. Rees, J. Brodzki, A.C. Chetwynd, N.J. Cutland, J.E. Cremona, G.R. Robinson, G. Blower, S.C. Power, E.C. Lance, B.J. Birch, B.J. Totaro, W.W. Crawley-Boevey, J. Saxl

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Correspondance Grothendieck-Serre

Pierre Colmez - Jean-Pierre Serre (Éd.), xii+288 pages

This volume contains a large part of the mathematical correspondence between A. Grothendieck and J-P. Serre. This correspondence forms a vivid introduction to the algebraic geometry of the years 55-65 (a lucky period, if any). The readers will discover, for instance, the genesis of some of Grothendieck's ideas: Sheaf cohomology (Tôhoku), Schemes, Riemann-Roch, Fundamental Group, existence Theorems, Motives... They also will get an idea the mathematical athomsphere of this time (Bourbaki, seminars, Paris, Harvard, Princeton, Algeria war,...).

Exposés de séminaires (1950 - 1999)

Jean-Pierre Serre , viii+259 pages

This volume gathers seminar talks given by J-P. Serre between 1950 and 1999 in various seminars: Bourbaki, Cartan, Chevalley and Delange-Pisot-Poitou. The themes extend from algebraic topology to number theory, covering also Lie group theory, algebraic geometry and modular forms. It gives a both presentation of works by other mathematicians (Borel, Dwork,...) and personal works, like his talk at the Chevalley seminar on algebraic fibre spaces, which was to inspire Grothendieck for his construction of étale cohomology. None of these texts is available in the four volumes of J-P. Serre's "Collected Papers".

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LMS PROGRAMME AND CONFERENCE FUND

The Programme and Conference Fund is used to give financial support for mathematical research in the UK. The fund is administered by the LMS Programme Committee. Grants are made under six main headings which are described below. In general any mathematician working in the UK is eligible for a grant, but if an applicant is not a member then the application must be countersigned by an LMS member. For Scheme 4, only LMS members working in the UK are eligible.

Applications should be sent to the Meetings and Membership Secretary at the Society's Office. Applications cannot usually be considered between mid-June and mid-September. Queries regarding applications can be addressed to Helen Woodward (telephone 020 7291 9979, email: woodward@lms.ac.uk) who will be pleased to discuss proposals informally with potential applicants and give advice on the submission of an application. Normally, grants must be claimed not earlier than 3 months before, and not later than 3 months after the event for which the grant is made. Grants must also be claimed in a specified financial year from 1 September to 31 August. Please state in your application in which year you intend to claim the grant.

Multiple Applications

The Society does not like to receive sequential applications for grants to support the same or closely related events, and will not allow its limits for individual schemes to be exceeded by artificially subdividing an application into a number of separate requests under different headings. In the case of satellite conferences, organisers of the main meeting are asked to give brief details of any planned satellites as part of their application for a conference grant. Applications for support for satellite meetings should make clear the financial and organisational connection with the main meeting. This is particularly important in cases where the expenses of speakers could be shared between the

two meetings. Special arrangements apply to the BMC and its satellites.

Notes for Guidance

Programme Committee distributes as grants some of the funds that the Society receives from its investments and publishing activities. This is one of the mechanisms through which the Society achieves its central purpose, namely to 'promote and extend mathematical knowledge'. The Society operates as a charity and does not receive any public funding. Thus Programme Committee has different opportunities and works within a different regulatory framework from other funding bodies, such as the EPSRC. Applicants should keep in mind the following points:

1. The committee does not normally meet the full cost of an activity. Rather it aims to give added value to an event largely funded by other means, or to bridge the gap between cost and the resources that might reasonably be made available by a university department.
2. The grants do not cover departmental overheads. The committee will generally not allow items such as secretarial costs, which could be seen as part of normal departmental provision, or entertainment.
3. Each of the schemes has a particular aim as well as its own financial limits. It is helpful if applicants consider carefully how their proposal fits the particular scheme in question, and its detailed rules (which change from time to time). Thus the academic justification for a Scheme 2 grant should focus on the benefit to UK mathematics that the proposed visit would bring, while that for a Scheme 5 grant should focus on the benefits in the Scheme 5 country. In neither case should it be assumed that the distinction of the visitor renders further justification unnecessary.

4. The committee is made up of mathematicians with a wide spread of research interests, but it should not be assumed that they are familiar with the technical details of any particular area of mathematics. Proposals are judged by the committee itself: although it may seek advice, it does not normally send proposals to referees. It is therefore important that the case for a grant should be written for the general mathematician and not for the specialist. Applications should be brief and self-contained. Please do not append substantial documents that contain irrelevant detail or refer to web sites for key information. Applications must be sent in hard copy to De Morgan House.
5. The committee judges each application on its merits. Since its membership changes from year to year, it should not be assumed that it is familiar with the details of previous applications and correspondence from earlier rounds; nor should it be assumed that a grant, for example under Scheme 3 or for a regular collaboration under Scheme 4, will be renewed repeatedly.
6. The limits mentioned in the various schemes are upper bounds, not standard awards. Grants are made to meet actual expenditure on items in the application, and any surplus must be returned to the Society, rather than retained for related purposes or carried forward to another year.
7. The task of collating applications, forwarding them to the committee, recording decisions, and preparing and checking notification letters is nontrivial and time-consuming. Please apply well in advance and bear in mind that you may not hear the outcome of an application immediately.

Scheme 1 - Conference Grants

Grants are made to the organisers of conferences to be held in the United Kingdom. Programme Committee tends to give priority to the support of meetings where an LMS grant can be expected to make a sig-

nificant contribution to the viability and success of the meeting. The Society expects that the meetings which it supports will be open to all members of the Society, and will only support a closed meeting if an exceptional case is made. Support of larger meetings of high quality is not ruled out but for such meetings an LMS grant will normally cover only a modest part of the total cost.

Brief academic and financial reports of the conference are expected. An application form may be obtained from the Society's Office, or may be downloaded as a LaTeX file or a rich text file from the electronic archive. This sets out conditions under which grants are normally made and requests the information Programme Committee usually requires when considering an application. The Society will not make grants to cover the cost of secretarial help, excessive room charges, or conference dinners and entertainment. It expects such items to be covered by contributions in kind from the host department, or by registration charges, or by income from other sources.

The Society wishes to support research students, and applications should include details of the extent to which research students will be involved in the conference. Up to £1000 may be awarded to support student participants. Support for students is intended to contribute to travel, accommodation and subsistence costs, but not registration fees.

The Society also wishes to encourage overseas participants from the former Soviet Union, Eastern Europe and other countries within the scope of Scheme 5 (see below); a further £1000 may be awarded to support such participants.

These additional grants are intended to help widen participation in a meeting. The committee does not expect that all of these sums will necessarily be spent; any surplus must be returned to the Society and may not be used for other purposes.

Potential applicants should note that the Society is reluctant to award grants to conferences which clash with the British Mathematical Colloquium. Applications

are considered three times a year and the deadlines for submission are 31st January, 31st May and 31st August. The current upper limit for grants is £5000, the size of the grant to take into account the length of the conference, the number of UK participants and the number of research students taking part. The total grant, less the support for research students and 'Scheme 5' participants, shall not normally exceed £3000. (In this context 'research student' means 'research student of any nationality studying at a UK university'.)

Scheme 2 - Visitors

Some financial support is provided for visitors to the UK who give lectures in at least three separate institutions. Exceptionally, support under this scheme might be provided for a speaker addressing just one meeting which is regional in scope. The LMS contribution under this scheme is restricted to travel expenses (international and within the UK) up to a maximum of £1000. Host institutions are expected to meet the cost of accommodation and subsistence, and any other costs.

An application form may be obtained from the Society's Office, or may be downloaded as a rich text file from the electronic archive. This sets out conditions under which grants are normally made and requests the information Programme Committee usually requires when considering an application.

There are no specific deadlines but normally an application should be submitted at least three months before the date of the proposed visit to allow for consideration by the LMS Programme Committee and an announcement of the visit in the Society's Newsletter. Applications cannot usually be considered between mid-June and mid-September. All arrangements for a visit under this scheme are the responsibility of the applicant.

Scheme 3 - Support of joint research groups

The scheme is to provide support for groups of mathematicians, working in at least three different locations in the

United Kingdom, who have a common research interest, who wish to engage in collaborative activities and whose geographical locations are such that reasonably frequent regular meetings - several per year - are a realistic possibility.

A grant may be used for a variety of purposes associated with the group's activities, such as expenses for speakers at common seminars, travel for group members between institutions either for research visits, seminars or study groups, or support for TMR networks (on items ineligible for EU grants). The Society wishes to support research students and young post-doctoral mathematicians, and applications should indicate details of the extent to which they will be involved in the programme. No strict criteria will be laid down as to the use of the money but the Society reserves the right to judge whether the activities proposed in an application are appropriate for a grant.

Applications should be made by a nominated 'grant-holder', who will be responsible for the use of the grant, and countersigned by a 'supporter' from each of at least two further institutions. (If none of the applicants is a member of the Society, the application must be countersigned by a member of the Society.)

An application form may be obtained from the Society's Office, or may be downloaded as a LaTeX file or a rich text file from the electronic archive. This sets out conditions under which grants are normally made and requests the information Programme Committee usually requires when considering an application.

The grant is made for the academic year and the Society will expect to receive a report, both academic and financial. Applications for renewal, accompanied by full financial and academic reports, are considered at the September meeting (or at some later meeting between September and December) and will be considered along with fresh applications. Renewal of an application will be either:

- a) renewal at some appropriate level, or
- b) notice of termination at the end of the

calendar year, in which case a sum equal to not more than one third of the previous year's grant can be claimed to cover actual expenditure in the residual period.

The maximum grant awarded is currently £1000; this is awarded where four meetings per year are held, or there is an equivalent level of activity. Meetings should be open, and have at least two formal talks on the programme.

Scheme 4 - Collaborative small grants

The aim of the scheme is to provide small grants to individual LMS members within the United Kingdom to help support a visit for collaborative research, either by the grantee to another institution within the U.K. or abroad, or by a named mathematician from within the U.K. or abroad to the home base of the grantee. The time available for joint research arising from the grant is expected to be several working days. The maximum sum available is £500 and, where necessary, grantees will have to cover further costs from other sources such as departmental or personal funds. The intention is to provide sufficient funds so that the call on other sources is held within manageable bounds.

Applications should be in the form of a letter setting out the proposed academic case for the visit, including a detailed description of a specific project, the standing of the collaborator and an estimate of costs. Whilst a reasonable level of detail is desirable, an application should not be excessively long, and the documentation should run to at most three A4 pages. Applicants should bear in mind that the purpose of the Scheme is to support specific projects with named collaborators and not, for example, simply to contribute to the costs of a sabbatical visit. A brief report on the use of the grant is expected: this should describe the academic outcome of the visit, together with very brief financial details.

Grants will be awarded three times annually, in September, February and June, with respective deadlines for appli-

cations of 31 August, 31 January and 31 May. Awards will be restricted to one in any given academic year (September to August) and in the event of oversubscription in any particular round, applicants who received an award in the previous academic year will not be considered.

Scheme 5 - International Short Visits

This scheme, originally to support mathematics in the countries of the former Soviet Union has been extended to other countries. It now includes the countries of the former Soviet Union and Eastern Europe including the former Yugoslavia, China, India, Pakistan, Bangladesh, and the countries of Africa. It excludes the countries of Western Europe and North America and Australia. The status of other countries will be determined by Programme Committee case by case. For visits to Britain, the maximum grant shall be £50 a day for accommodation and subsistence, up to a maximum of £1400, and up to £500 for travel. For visits from Britain, the maximum grant is £1200.

Success of an application will depend mainly on the likelihood of potential benefit to mathematics in the country concerned. Grants will not be made solely for attendance at conferences. Where a visit to or from the UK includes a conference, it should also include other academic activities which in themselves would justify the grant, and should be for a total period of not less than 14 days. For visits to the UK, any expenses during the period of a conference should be met by the conference organisers (see 'Conference Grants' above).

Applications for a grant under this scheme should be made by mathematicians at UK institutions, both for visits to the UK and for visits to the countries concerned. An application form may be obtained from the Society's Office, or may be downloaded as a rich text file from the electronic archive. This sets out conditions under which grants are normally made and requests the information Programme Committee usually requires when considering an application.

Any grant for travel and subsistence will normally be determined according to the formula: actual accommodation costs up to £35 per day plus £15 per day for other subsistence costs.

There are no specific deadlines but normally an application should be submitted at least three months before the date of the proposed visit to allow for consideration by the LMS Programme Committee and, in the case of visits to the UK, an announcement of the visit in the Society's Newsletter. Applications cannot usually be considered between mid-June and mid-September. All arrangements for a visit under this scheme are the responsibility of the applicant.

Scheme 6 - Connectivity Grants

Up to £500 may be awarded towards the cost of exploring potential new collaborations between mathematicians and non-mathematicians on new applications of

mathematics. The use of the grants is not restricted but might include the costs of a small-scale meeting to identify problems or travel costs to bring in external experts. The intention is to help the applicants do the preparatory work prior to a larger scale application to EPSRC. The application should be by short letter giving:

1. the names of at least two co-applicants, one a member of a mathematical science department and one a member of a non-mathematical department;
2. outline CVs of the two applicants;
3. a description of how the grant would be used.

If none of the applicants is a member of the Society then the application must be countersigned by a member. Preference will be given to novel areas of application. Support for existing collaborations is not eligible.

Grants awarded since June 2001

SCHEME 1

Applicant	Title	Grant
M. Wiercigroch	Euromech Colloquium 425 - Nonlinear Dynamics, Control and Condition Monitoring of Engineering Systems and Structures	£4,500
M. Mathieu	All Ireland Algebra Days 2001 (AIAD 2001)	£3,740
A.V. Sobolev	Partial Differential Equations and Function Spaces	£3,000
A.C.C. Coolen	STATMECH 16 - Review of topics in Statistical Mechanics	£200
N. Snashall	Algebra and Topology Workshop	£5,000
M. Mathieu	Belfast Functional Analysis Day 2001	£940
M. Marletta	Leicester-Loughborough Spectral Day	£694
D.B. Duncan	Scottish Computational Mathematics Symposium 2001	£1,050
A. Sudbery	Analytic Number Theory - Meeting in honour of Richard Hall	£1,000
T.K. Carne	Complex Function Theory - One Day Meeting, 2001	£208
G.D. James	Thompson Fest	£4,000
J. Saxl		
P.W. Kent	Robert Hooke Commemorative Symposium	£2,000
J.R. King	Mathematics-in-Medicine Study Group	£1,000
A.J. Baker	Workshop on Structured Ring Spectra and their Applications	£2,500
T.E. Forster	Quine's Set Theory NF (NF 2002)	£1,250
M. Singer	EDGE mid-term Summer School and Conference	£4,000
E.L. Ortiz	Olinde Rodrigues and his Circle:	£950

J.R. Hunton	17th British Topology Meeting	£2,700
A.D. Scott	One-Day Meeting in Combinatorics	£1,300
M.A. Dritschel	Operator Theory - Newcastle One-Day Workshop	£910
W.J. Harvey	London-Sussex-Southampton Winter Topology Meeting	£800
C.J. Budd	Fourth Order PDEs	£2,200
A. Champneys		

SCHEME 2

Applicant	Visitor	To Visit	Grant
J. Kellendonk	D. Lenz	Leicester, Bangor, Cardiff	£375
M. van den Berg	Q.S. Zhang	Bristol, Cardiff, King's/Imperial	£1,000
R.G. Halburd	S. Chakravarty	Oxford, Kent, Loughborough	£740
H.G. Dales	H. Jarchow	Leeds, Reading, Goldsmiths	£270

SCHEME 3

Applicant	Institution	Title	Grant
Z. Lykova	Newcastle	North British Functional Analysis Seminar	£750
A.F. Jarvis	Sheffield	North of England Algebraic Number Theory Group	£1,000
I. McIntosh	York	Yorkshire Differential Geometry Day Meetings	£1,000
J. Figueroa-O'Farrill	Edinburgh	North British Mathematical Physics Seminar	£1,000
R. Hoyle	Surrey	Patterns, Nonlinear Dynamics and Applications	£1,000
L.J. Mason	Oxford	Integrable Systems of Nonlinear Differential Equations	£1,000
J. Brodzki	Southampton	K-theory and Analysis	£1,000
Y. Kurylev	Loughborough	British Inverse Problems Workshops	£1,000
N. Snashall	Leicester	Bristol Leicester Oxford Colloquium (BLOC)	£1,000
R.M. Green	Lancaster	North British Quantum Groups Collective	£1,000
G.K. Sankaran	Bath	Algebraic Geometry Seminar (COW)	£1,000
D. Ryder	Warwick	Junior Algebraic Geometry Seminar (CALF)	£600
C.R. Hajarnavis	Warwick	Noncommutative rings	£1,000
T. Brzezinski	Swansea	Quantum Geometry of Hopf Algebras and Hopf Algebroids	£750
D.J. Higham	Strathclyde	Numerical Methods and Stochastic Simulation	£1,000
S. Koenig	Leicester	Algebraic Lie Theory (LOW)	£1,000
A.P. Fordy	Leeds	Classical and Quantum Integrability	£1,000
R. Sharp	Manchester	Ergodic Theory	£1,000
D.R.J. Chillingworth	Southampton	Southern Bifurcation Group	£1,000
K.C.H. Mackenzie	Sheffield	Geometry with Brackets Seminar	£960
R. Thomas	Imperial	London Topology and Geometry Seminar	£1,000
J.F. McKee	Royal Holloway	Computational Number Theory (SECANTS)	£750
D.E. Evans	Cardiff	Mathematical Physics - Physical Mathematics	£1,000

SCHEME 4

Applicant	Institution	Collaborator	Institution	Grant
P. Ashwin	Exeter	A. Goetz	San Francisco	£500
T.H. Lenagan	Edinburgh	K.R. Goodearl	Santa Barbara	£500
F.P.A. Coolen	Durham	T. Augustin, K. Weichselberger	Munich	£500
J. Hunton	Leicester	B. Schuster	Wuppertal	£500
D. Burns	King's	A. Agboola	California	£500
D. Preiss	UCL	T.C. O'Neil, P. Mörters	Open, Bath	£500
D. Segal	Oxford	A. Lubotzky	Jerusalem	£500
J. Bolton	Durham	L. Vrancken	Utrecht	£420
J.C. Robson	Leeds	L. Levy	Wisconsin	£500
J. Brodzki	Southampton	R. Plymen	Manchester	£500
K.C.H. Mackenzie	Sheffield	I. Moerdijk	Utrecht	£250

SCHEME 5

Applicant	Visitor	Institution	To Visit	Grant
B.M. Brown	F.S. Rofo-Beketov	Kharkov, Ukraine	Cardiff, King's, Birmingham	£1,200
N. Ruskuc	S. Crvenkovic, I Dolinka	Novi Sad, Yugoslavia	St Andrews	£1,900
A.B. Piunovskiy	G.E. Kolosov	Moscow	Liverpool	£1,200
V.V. Kisil	Y. Tomilov	Kiev	Leeds, York, Oxford, Edinburgh	£1,850
A.A. Ivanov	V.I. Trofimov	Russian Academy of Sciences	Moscow	£800
P. Muldowney	D.K. Ganguly	Calcutta	Ulster, QUB	£1,300
A. Grigor'yan	A. Koshelev	St Petersburg	Imperial	£1,000
M. Dzamonja	G. Plebanek, H. Michalewski	Wroclaw, Warsaw	Warsaw & 5th Summer School on Topology and Set Theory, Szumin	£670
B. Zilber	K. Kudaibergenov	Kazakstan	Oxford, Leeds and Manchester	£1,400
H.G. Dales	A. Singh, M. Bhattacharjee	Delhi, Guwahati	Delhi, Gujarat & Guwahati, Assam	£940
V. Liskevich, V. Moroz	I. Skrypnik	Ukraine	Bristol, Cardiff, Bath, Glasgow	£1,240
G.A. Rogerson	E.V. Nolde	Russian Academy of Sciences	Salford, Manchester	£1,540
V.M. Rothos	E. Doktorov	Belarus	Loughborough, Durham, Heriot-Watt	£1,380
H. Zhao	Z. Liu	Shandong, China	Loughborough, Heriot-Watt, Swansea	£1,450

SCHEME 6

Applicant	Institution	Collaborator	Institution	Grant
S.R. Alpern	London School of Economics	S.M. Kalick	Massachusetts	£500

ICMS Associated Meeting

EDGE mid-term Summer School and Conference

Edinburgh, 23 July to 2 August 2002

Scientific Organising Committee

Henrik Pedersen (Chair), Michael Singer (Local Co-ordinator), Gerard Besson, Roger Bielawski, Fran Burstall, David Calderbank, Birte Feix, Oscar Garcia-Prada, Mark Gross, Mario Micallef, Richard Thomas.

Scientific Programme

The European Differential Geometry Endeavour (EDGE) is a Research Network funded by the European Commission under Framework 5. (Please see <http://edge.imada.sdu.dk> for more information about this network.) This meeting will survey the activities of all researchers in EDGE and will provide training for young researchers in key areas of current interest. The training will take place in the Summer School. The second part of the meeting will be an open Conference.

Summer School (9.30 am Tuesday 23 July to 2pm on Saturday 27 July)

The Organisers expect to offer short courses as follows:

- The special geometry of dimensions 6, 7 and 8 (Nigel Hitchin)
- Einstein metrics, Seiberg-Witten and 4-dimensional differential topology (Claude LeBrun)
- Exterior differential systems in differential geometry (Robert Bryant)
- Topics in symplectic geometry (Speaker to be announced)

Conference (9.30 am on Monday 29 July to 5.30 pm on Friday 2 August)

The conference will cover four broad areas:

- Low dimensional geometry
- Gauge theory and symplectic geometry
- Special holonomy, special Lagrangians and mirror symmetry
- Minimal surfaces and rigidity

The organisers will invite speakers for each topic and all participants also have the opportunity to offer contributions.

Supporting institutions and organisations

The meeting is supported by EC Framework 5 and the London Mathematical Society.

The meeting webpages contains detailed information including a registration form and information on how to apply for financial support (<http://www.ma.hw.ac.uk/icms/meetings/2002/edge/index.html>).

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MATHEMATICIANS VISITING THE UK IN 2001/2002

Aberdeen University

- Aldred, R.E.L. (Otago, New Zealand)
Graph Theory, Jul - Dec '01
Hildebrandt, S.R. (Barcelona, Spain)
Relativity Theory, Early '02
Klepac, P. (Brno, Czech Republic)
Relativity Theory, Late '01 - Early '02

Bath University

- Faraway, J. (University of Michigan)
Statistics, 01 Jul '01 - 30 Jun '02
Plotnikov, P. (Lavrentyev Institute for
Hydrodynamics, Novosibirsk, Russia)
Pure Mathematics, 25 Sept - 23 Dec '01
Silvestrov, V.V. (Chuvash State
University, Russia) Riemann-Hilbert
Problem on Hyperelliptic Surfaces, 27
Sept - 27 Nov '01

Birmingham University

- Keady, G. (University of Western
Australia) LTSN Applied, 12 months
Ohama, G. (Japan) Statistics, 12 months
Noumi, G. (Al-Baath University, Syria)
Algebra, Mar - Sep '02
Roumeliotis, J. (Victoria University,
Australia) Fluid Dynamics, Jul - Dec '01
Salem, H. (Al-Baath University, Syria)
Algebra, Mar - Sep '02
Sidki, S. (University of Brasilia) Group
Theory, Oct - Nov '01

Brunel University

- Kostreva, M. (Clemson University, South
Carolina) Optimisation, Aug '01 - Aug
'02

Cambridge University - DPMMS

- Hachimori, Y. (Gakushuin University,
Japan) Number Theory, 15 Sep - 30
Nov '01
Illman, S.A. (University of Helsinki,
Finland) Topology, Oct '01 - Sep '02
Kawakita, M. (University of Tokyo,
Japan) Geometry, 1 Apr '01 - 31 Jul '02
Kawakita, M. (University of Tokyo,
Japan) Geometry, 1 Apr '01 - 31 Jul '02
Li, S. (Yancheng Teachers College, China)
Number Theory, 1 Sep '01 - 31 Aug '02
Marra, V. (University of Milan) Algebra,

26 Sep - 31 Dec '01

- Medvedev, N.Y. (Altai State University,
Barnaul, Russia) Algebra, Jul '02
Tropp, H. (Humbolt State University,
USA) History of Computer Science, 22
Oct - 31 Dec '01
Weigel, T. (Friedberg Mathematical
Institute) Number Theory,
Representation Theory, Oct - Dec '01
Zucconi, F. (University of Udine, Italy)
Geometry, 1 Sep '00 - 30 Sep '02

Cardiff University

- Saito, Y. (UAB Birmingham, AL, USA),
Differential Equations, 1 Jan - 28 Feb
'02

Dundee University

- Ong, B-H. (Universiti Sains Malaysia,
Penang, Malaysia), Approximation
Theory, 22 Oct '01 - 28 Feb '02

Durham University

- Alexeyev, A. (Moscow) Applied, Feb '01 -
Feb '02
Dyson, L. (Massachusetts Institute of
Technology, USA) Particle Theory, Oct
- Dec '01
Guilfoyle, B. (Institute of Technology,
Tralee, Republic of Ireland) Pure, Jan -
Mar '02
Jianmin, Z. (China) Statistics, Dec '01 -
Dec '02
Kourosh, J. (Ferdowsi University of
Mashad, Iran) Applied, Jun '01 - Jun '02

East Anglia University

- Van der Poorten, A. (Macquarie
University, Australia) Number Theory,
Jan - Jun '02

Edinburgh University

- Alfonseca, A. (UA Madrid) Harmonic
Analysis, 1 Oct - 30 Nov '01
Domokos, M. (Hungarian Academy of
Science) Algebra, 2 Jan '02 - 31 Jan '04
Guen, H. (Zhengzhou University)
Harmonic Analysis, 1 Sep '01 - 31 Mar
'02
Hughes, B. (Vanderbilt University)

Geometric Topology, 1 Aug - 31 Dec '01
 Naik-Nimbalkar, U. (Pune, India) Survival
 Data Analysis, Estimating Functions for
 Stochastic Processes & Empirical
 Likelihood, 1 Dec '01 - 30 Nov '02
 Nygreen, B. (Economics University of
 Science & Technology, Trondheim,
 Norway) Operational Research, 10 Aug
 '01 - 30 Aug '02
 Samman, M. (King Fahd University of
 Petroleum & Minerals, Dhahran, Saudi
 Arabia) Algebra, 2 Feb - 31 Jul '02
 Schuetz, D. (University of Münster)
 Topology & Group Theory, 1 Oct '01 -
 28 Feb '02

Exeter University

Pakkala, T.P.M. (Bangalore University,
 India) Inventory Planning, 1 Oct '01 -
 30 Sep '02

Glasgow University

Chiu, S.N. (Hong Kong Baptist
 University) Stochastic Geometry, Jan -
 Jun '02

Goldsmith's College

Iordanescu, R. (Romanian Academy)
 Analysis, 3 Oct - 3 Nov '01
 Sethuramen, G. (Anna University) Graph
 Theory, 1 Oct '01 - 30 Sep '02

Heriot-Watt University

Brezhnev, Y. (Kalingrad State University)
 Nonlinear Integrable Equations, Finite-
 gap Integration, Solitons, Computer
 Algebra, 1 Jun '01 - 31 May '02

Imperial College

Buzzi, C. (HINESP, São José do Rio Preto,
 Brazil) Applied Mathematics, 1 Oct '01
 - 31 Jul '02
 Hernandez, H. (V.N.A.M. Mexico)
 Optimization, 23 Mar - 24 May '02
 Reynolds, D. (Dublin City University)
 Nonlinear Problems, Oct '01 - Jun '02
 Stenkin, O. (University of Nizhny
 Novgorod, Russia) Applied
 Mathematics, 1 Jan - Dec '02
 Zabielski, L. (Warsaw Technical
 University) Applied Mathematics, 18
 Jan - 28 Feb '02

Lancaster University

Feeman, T. (Villanova University,
 Pennsylvania) Operator Algebras, 1 Feb -
 1 Aug '02
 Kribs, D.W. (University of Iowa, Iowa
 City) Operator Algebras, 17 Jul - 12 Dec
 '01

Leeds University

Kyuma, E. (Aichi Gakuin University,
 Japan) Computability Theory, Lambda
 Calculus, Mar '01 - Mar '02
 Tomilov, Y. (Institute of Mathematics,
 Kiev, Ukraine) Theory of Operators, 1 -
 30 Nov '01
 Yang, Y. (University of Singapore)
 Computability Theory, 1 Jan - 31 Mar
 '02

Leicester University

Mathas, A. (University of Sydney),
 Representation Theory, Jan - Feb '02
 Mazorchuk, V. (Uppsala University),
 Representation Theory, 7 Jan - 4 Feb '02
 Shkalikov, A. (Moscow State University),
 Differential Operators, 1 Nov - 30 Nov
 '01
 Taillefer, R. (University of Montpellier II),
 Representation Theory, Sep '01 - Aug
 '02

Liverpool University

Banchoff, T.F. (Brown) Geometry, Mar -
 Apr '02
 Bogaevsky, I.A. (Moscow) Singularity
 Theory, Sep '01 - 30 Jun '02
 Grinenko, M. (Steklov, Moscow) Algebraic
 Geometry, 1 - 31 Mar '02
 Rodrigues, W. (Campinas, Brazil) Clifford
 Algebras, Theoretical Physics, Sep '01 -
 Jul '02
 Zakalyukin, V. (Moscow) Singularity
 Theory, Sep '01 - 31 Jan '02

London School of Economics

Beck, A. (University of Wisconsin, USA)
 Analysis, Probability, Search Games, Jan
 - Mar '02

Loughborough University

Pavlov, M. (Avia-Technological Institute,
 Moscow) Integrable Systems,

Hamiltonian Formalism Systems of
Hydrodynamic Type, 1 Oct '01 - 30 Jan
'02

Reznik, G. (Shirshov Institute of
Oceanology, Moscow) Geophysical
Fluid Dynamics, 1 Sep - 31 Oct '01

Newcastle University

Agler, J. (University of California, San
Diego) Analysis, Jul '02

Nottingham University

Benois, D. (Bordeaux) Euler Systems, Jan
'02

Bondarko, M. (St. Petersburg) Galois
Structures, Apr '02

Petz, D. (Budapest University) Asymptotic
Methods in Quantum Mathematical
Statistics, Jul - Nov '01

Oxford University - Mathematical Institute

Amilon, H. (Lund, Sweden) Mathematical
Finance, 2 Jan - 1 Jun '02

Charney, R. (Ohio State University, USA)
Topology, Geometric Group Theory, 30
Aug - 23 Dec '01

Donaldson, J. (Tasmania) Industrial
Applications, Geophysics, 25 Jul '01 - 30
Apr '02

Farley, J. (Vanderbilt University) Algebra,
Combinatorics, 1 Sep '01 - 31 Aug '02

Garcia Prada, O. (Madrid) Geometry, 1
Oct - 31 Dec '01

Garza-Hume, C. (Mexico) Mathematical
Biology, 1 Oct '01 - 30 Aug '02

Hoppensteadt, F. (Arizona) Medical
Applications, Differential Equations, 15
- 28 Oct '01

Ito, M. (Kochi University, Japan) General
Topology, 1 May '01 - 1 Mar '02

Kumagai, T. (Kyoto University)
Probability Theory, 1 Aug '01 - 1 Mar
'02

McGuinness, M. (Wellington, NZ)
Medical, Geophysical, Industrial, 1 Nov
- 31 Dec '01

Orihuela, J. (Murcia, Spain) Functional
Analysis, 1 Sep '01 - 30 Jun '02

Padilla, P. (Mexico) Mathematical Biology,
1 Oct '01 - 30 Aug '02

Rasmussen, H. (Western Ontario, Canada)

Medical Applications, 1 Sep '01 - 31 Jan
'02

Schocker, M. (Kiel University)
Representation Theory, 1 Jan '01 - 31
Dec '04

Siegel, M. (NJIT, New Jersey)
Preboundary in Fluid Mechanics, 1 Jan -
31 Aug '02

Tkachuk, V. (Mexico) General Topology, 1
Jul '01 - 30 May '02

Tsang, K-M. (Hong Kong) Analytic
Number Theory, 1 Sep '01 - 30 Jun '02

Wake, G.C. (Canterbury, NZ) Applied
Mathematics, Functional Differential
Equations in Biology, 11 Sept '01 - 21
Jun '02

Oxford University - Statistics Department

Elegland, T. (Rikshospitalet, Oslo)
Mathematical Genetics, Jul '02 - Jul '03

Plymouth University

Khvedelidze, A. (Joint Institute for
Nuclear Research, Dubna, Russia),
Mathematical Physics, Gauge Theories,
Constrained Dynamics, 3 Oct - 4 Nov
'01

Mallinson, J.C. (Mallinson Magnetics Inc,
California, USA), Theoretical Magnetic
Recording, 30 Sept - 31 Oct '01

Queen Mary, University of London

Abhyankar, S.S. (Purdue University,
Indiana, USA) Pure Mathematics, Jan
'02

Lin, D. (Penn State University, USA)
Statistics, Jun '02

Salford University

Guo, F. (Tsinghua University, China)
Elasticity, Numerical Methods, 15 Oct
'01 - 30 Sept '02

Sheffield University

Brevdo, L. (Polytechnique Sup Markkils)
Absolute & Connective Instabilities,
Nov - Dec '01

Mendoza, C. (University of Andes)
Plasma-Astrophysics, Aug '01 - Jul '02

Shtessel, Y.B. (University of Alabama)
Nonlinear Control Theory, Sep - Nov
'01

Southampton University

- Bendhina-Sabeur, A. (University of Oran, Algeria) Fluid Mechanics, Heat Transfer, 25 Oct - 31 Dec '01
Braun, R. (University of Delaware, USA) Applied Mathematics, 1 Jan - 30 Aug '02
Dean, A.M. (Ohio State University, USA) Statistics, 1 Jan - 1 Apr '02
Karazhanov, S.Z.R. (Physical Technical Institute, Tashkent) Applied Mathematics, 10 Nov - 10 Dec '01

St. Andrews University

- Newman, K.B. (University of Idaho) State Space Models for Fishery & Wildlife Applications, Jul '01 - Jul '02
Watamori, Y. (Osaka Women's University) Directional Statistics, Codes, Oct '01 - Sep '02
Zaqarashvili, T. (Abastumani Astrophysical Observatory, Tbilisi, Georgia) MHD Waves in the Corona, 10 May '01 - 31 May '02

Sussex University

- Chan, H.H. (University of Singapore) Q-Series, 20 Nov '01 - May '02
Uemura, T. (Kobe Commercial University) Dirichlet Forms, Stochastic Processes, 24 Apr - 8 Aug '02

UMIST

- Batarfi, H. (King Abdul Aziz University, Jeddah) Nonlinear Optics, Sep '01 - Sep '02
Gresho, P. (University of California, USA) Computational Fluid Dynamics, Jul - Dec '01
Kechkar, N. (Mentouri University, Algeria) Finite Element Theory, Nov - 24 Dec '01
Remeslennikov, V.M. (Russia) Group Theory, Nov - Dec '01
White, N. (University of Florida, USA) Algebraic Combinatorics, 16 Aug '01 - 31 Aug '02

University College London

- Morales Amaya, E. (National University of Mexico) Geometry, 1 Jan - 31 Dec '01
Brandenburg, R. (Technical University of Munich) Applied Geometry &

Combinatorics, 15 Feb - 30 Apr '02

University of Wales, Aberystwyth

- Georgion, G. (University of Cyprus) Computational Rheology, 1 - 31 Oct '01
Zadeh, B. (Payame Noor University, Tehran, Iran) Algebra, 1 Oct - 30 Dec '01

University of Wales, Swansea

- Smolyamar, O. (Moscow State University) Functional Integrals and the Equations of Mathematical Physics, Dec '01 - Jan '02
Pastur, L. (University of Paris VII & University of Marseilles) Random Matrix Theory & Mathematical Physics, Jan - Feb '02
Uemura, T. (Kobe Commercial University, Japan) Probability Theory, Spring '02

Warwick University

- Cushman, R.H. (University of Utrecht) Hamilton Systems, 1 Feb - 1 May '02 and 1 Jul - 1 Sep '02
Holm, D.D. (Los Alamos) Mechanics and Symmetry, 1 Jul - 30 Jul '02
Humphries, S. (Brigham Young University) Topology, Braid Groups, Low Dimensional Manifolds, 10 Sep '01 - 1 Jan '02
Komori, Y. (Osaka University) Hyperbolic Geometry, 31 Mar '01 - 28 Feb '02
Meyer, K.R. (Cincinnati) Mechanics & Symmetry, 15 Mar - 31 May '02
Nakashima, T. (Tokyo Metropolitan University) Algebraic Geometry, 30 Sep '01 - 1 Jan '02
Patrick, G. (Saskatchewan) Mechanics & Symmetry, 1 Feb - 1 May '02
Sakuma, M. (Osaka University) Hyperbolic Geometry, 26 Mar '01 - 30 Sep '02
Suzuki, K. (Tokyo University) Algebraic Geometry, 30 Sep '01 - 30 Mar '02
Tagaki, H. (University of Tokyo) Algebraic Geometry, 22 Sep '01 - 1 Feb '02
Zhilinskii, B.I. (University of Littoral) Molecular Spectroscopy, Mar - Apr '02
Wulff, C. (Berlin) Mechanics and Symmetry, 1 Oct '01 - 30 Jul '02



G. CHOQUET
HONORARY MEMBER 1988

DIARY

The diary lists Society meetings and other events publicized in the *Newsletter*. Further information can be obtained from the appropriate LMS Newsletter whose number is given in brackets. A fuller list of meetings and events is given in the Society's web site (<http://www.lms.ac.uk/meetings/diary.html>).

DECEMBER 2001

- 2-8 ICMWS Workshop, Edinburgh (295)
- 3-5 Pattern Formation by Swimming Micro-organisms and Cells Meeting, Leeds University (294)
- 7 Edinburgh Mathematical Society Meeting, Heriot-Watt (296)
- 7 London Topology Seminar, King's College London (298)
- 17-19 Lie Groups Conference, Twente University, Enschede (299)
- 9-15 Geometry and Symmetry in Continuum Mechanics Workshop, Warwick University (298)
- 10-14 Topology, Operads and Quantisation Workshop, Warwick University (298)
- 12-17 Research into Problems with Memory and After-effect Workshop, Chester (298)
- 20 BSHM Christmas Meeting and AGM, University College London (298)

JANUARY 2002

- 6-11 Mathematical Biology, LMS/EPSC Short Course, Manchester University (296)
- 7-9 Fourth Order PDEs Workshop, Bath University (299)
- 17-19 2001 Lie Groups Conference, Twente University, Enschede (299)
- 9 British Women in Mathematics Day, De Morgan House, London (299)
- 11 The Future of Theoretical Physics and Cosmology Conference, Cambridge University (297)
- 18 Edinburgh Mathematical Society Meeting, Edinburgh (296)
- 21-25 Structured Ring Spectra and their Applications Workshop, Glasgow University (299)
- 23 Combinatorics Meeting, Open University (299)

FEBRUARY 2002

- 15 Edinburgh Mathematical Society Meeting, Edinburgh (299)
- 15 Mary Cartwright Lecture, London (299)
- 27 LMS Midlands Regional Meeting, Birmingham University (299)
- 28 - 2 Mar Model Theory and Model Theoretic Algebra Mini-Conference, Birmingham University (299)

MARCH 2002

- 8 Edinburgh Mathematical Society Meeting, Dundee (296)
- 17-27 Semi-Classical and Quantum Multibody Systems Workshop, Warwick University (298)
- 24-28 Differential Equations LMS/EPSC Short Course, Cambridge University (297)

APRIL 2002

- 7-12 Joint BMC/BAMC, Warwick University (296)
- 14-20 Classical N-Body Systems and Applications

Workshop, Warwick University (298)

22-23 Astrodynamics Workshop, Surrey University (298)

25-26 Invariant and Symmetry-Preserving Simulation Workshop, Warwick University (298)

25-26 Algorithms for N-Body Problems Workshop, Leicester University (298)

MAY 2002

3 Edinburgh Mathematical Society Meeting, Aberdeen (296)

19-26 Symmetry and Perturbation Theory Conference, Sardinia, Italy (299)

JUNE 2002

7 Edinburgh Mathematical Society Meeting, St Andrews (296)

11 LMS Northern Regional Meeting, Liverpool University (298)

17-21 Householder Symposium XV, Peebles Hydro Hotel, Scotland (296)

21 LMS Meeting, Hardy Lecture, London (298)

24-28 Analytic Number Theory Workshop, Max Plank Institute, Bonn (288)

27-2 July LMS Invited Lectures, Professor P. van Moerbeke, Leeds University (298)

JULY 2002

1-6 The Teaching of Mathematics Conference, Crete, Greece (297)

7-19 Numerical Analysis Summer School, University of Durham (295)

8-19 Normal Forms, Bifurcations and Finiteness Problems in Differential Equations SMS-NATO ASI Meeting, Université de Montréal, Canada (298)

21-26 Computation and Analytic Problems in Spectral Theory Workshop, University of Wales (296)

21-27 Geometry, Symmetry and Mechanics II Workshop, Warwick University (298)

23-2 Aug EDGE mid-term Summer School and Conference, Edinburgh (299)

26-27 Meeting in honour of 65th birthday of M.S.P. Eastham, University of Wales (296)

AUGUST 2002

5-15 New Directions in Dynamical Systems, Ryukoku and Kyoto Universities (293)

20-28 ICM2002, Beijing, China (297)

29-2 Sept Nonlinear Partial Differential Equations International Conference - Theory and Approximation, City University of Hong Kong (297)

APRIL 2003

7-10 BMC, University of Birmingham (296)

JULY 2003

7-11 ICIAM 2003, Sydney, Australia (298)

The Newsletter is published monthly except in August. Items and advertisements for inclusion in the Newsletter should be sent to the Editor, Susan Oakes, by e-mail, fax or post to the LMS office (addresses below), to arrive before the first day of the month prior to publication.

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