FORTHCOMING SOCIETY MEETINGS

Friday-Saturday 23-24 May 1997 - Liverpool University
Applications of Singularity Theory

Friday 20 June 1997 - Linnean Society, London
J.P. May (Hardy Lecture), D. Quillen

Friday-Saturday 17-18 October 1997 - Scientific Societies Lecture Theatre, London
Numerical Analysis

1997 NAYLOR PRIZE AND LECTURESHIP

The Society’s 1997 Naylor Prize and Lectureship in Applied Mathematics has been awarded to Professor F. P. Kelly, FRS, of the University of Cambridge for his many contributions to the mathematical theory of networks and communications.

Professor Kelly’s early work drew together many apparently isolated results concerning queueing networks, operational research models and genetic models and led immediately to powerful generalisations, prompting a whole new wave of development. He followed this through with work in the topical area of telecommunications, collaborating with British Telecom in the development of his notion of “dynamic alternative routing”.

While keeping applications to the forefront of his research, Professor Kelly has demonstrated the capacity to translate formidable practical problems into equally formidable mathematical equivalents which he has investigated by producing elegant mathematical proofs.

Professor Kelly will give his Lecture at the Society’s November meeting.

J S Pym
Council and General Secretary

FSU VISITS

Professor A.G. Aslanyan of the Moscow State Institute of Radiotechnics, Electronics and Automation has been awarded a London Mathematical Society FSU grant to visit the United Kingdom from 20th April to 4th May, 1997. He is well-known for his work in the spectral theory of partial differential equations, especially those associated with the vibrations of shells.

Professor O.V. Besov of the Russian Academy of Sciences and the Steklov Institute in Moscow has been awarded a London Mathematical Society FSU grant to visit the United Kingdom from 17-29 April 1997.

Professor S.G. Samko of Rostov-ua-Donu State University has been awarded a London Mathematical Society FSU grant to visit the United Kingdom from 20-31 May 1997. He is a leading authority on hypersingular integrals and their applications.

They will be based at Cardiff but will also give lectures at Bath and Brighton. For further information please contact Professor V.I. Burenkov, School of Mathematics, University of Wales, Cardiff CF2 4YH, e-mail: burenkov@cf.ac.uk.
Magdalen College
Oxford

Tutorial Fellowship in Applied Mathematics

Magdalen College proposes to elect with effect from 1 October 1997 (or, if the successful applicant prefers, from 1 January 1998), a Fellow and Tutor in Applied Mathematics. Candidates from any area within Applied Mathematics, including probability or statistics, will be considered. The Fellowship is tenable with a stipendiary University Lecturership (CUF).

Further particulars of the post are available from the President’s Secretary (fax number +44 (0) 1865 276094), Magdalen College, Oxford, OX1 4AU, to whom candidates should send full c.v.s (there is no application form). Candidates must ask three referees to send references to the President by the closing date of Friday 25 April 1997.

The College is an Equal Opportunities Employer.

DEPARTMENTAL NEWS

Aberdeen University Dr R.J. Archbold and Dr G.S. Hall have been promoted to personal chairs. University of Newcastle Professor N.J. Young has been appointed Professor of Pure Mathematics as from 1 April 1997. Dr Z. Lykova has been appointed Honorary Research Fellow in the Department of Mathematics from the same date.

ANALYSIS IN AMBLESIDE

A workshop on Limit Algebras, supported by the London Mathematical Society, will be held in the University College of St. Martins, Ambleside, from 30 June to 4 July, with a continuation at Lancaster University until 13 July. Participants include Rob Archbold (Aberdeen), Ken Davidson (Waterloo), Allan Donsig (Waterloo), Alan Hopenwasser (Alabama), Tim Hudson (East Carolina University), Johannes Kellendonk (Berlin), Alastair King (Lancaster), Justin Peters (Iowa State), Christian Skau (Trondheim), Peter Dixon (Sheffield), Alan Forrest (Trondheim), Steve Power (Lancaster), Douglas Somerset (Aberdeen). For further information please contact Professor Stephen Power, Department of Mathematics and Statistics, Lancaster University (e-mail s.power@lancaster.ac.uk).

WOLFGANG H. FUCHS

Professor Wolfgang H. Fuchs, who was elected a member of the London Mathematical Society on 8 February 1940, died on 25 February 1997.

FUNCTION THEORY MEETING

A meeting will be held in Cambridge on 22 and 23 September 1997 to mark the retirement of Professor I.N. Baker. For further details, contact A.F. Beardon at DPMMS, 16 Mill Lane, Cambridge CB2 1SB, or afb@pmms.cam.ac.uk.
# LONDON MATHEMATICAL SOCIETY

## TWO-DAY MEETING
Friday-Saturday 23-24 May 1997
University of Liverpool

### APPLICATIONS OF SINGULARITY THEORY

**Friday**

2.00-3.00  D.M.Q. Mond (University of Warwick)
*Gauss-Manin systems associated to free divisors*

3.15-4.15  A. Parusinski (University of Angers)
*The topology of real algebraic varieties*

5.00-6.00  D.T. Lê (Université de Provence, Marseille)
*Rational singularities and combinatorics*

**Saturday**

9.00-10.00 B. Teissier (Ecole Normale Supérieure, Paris)
*The role of monomial maps in resolution of singularities*

10.30-11.30 A.N. Varchenko (University of North Carolina, Chapel Hill)
*Verlinde algebras and the intersection form on vanishing cycles*

12.00-1.00 V.V. Goryunov (University of Liverpool)
*Vassiliev type invariants of Legendrian knots*

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# THE UNIVERSITY OF MANCHESTER

## BEYER CHAIR OF APPLIED MATHEMATICS

Applications are invited for this prestigious named chair of applied mathematics in the University of Manchester, previous holders of which include Sir Horace Lamb, FRS, Sydney Goldstein, FRS, Sir James Lighthill, FRS, and Fritz Ursell, FRS. The University intends to appoint an applied mathematician of distinction in any relevant research area who will provide research leadership in the department. Existing research in the applied unit of the department falls into the areas of fluid dynamics, continuum mechanics, industrial mathematics and modelling, theoretical physics, and numerical analysis. The University expects to make an appointment commencing September 1997, or as soon thereafter as can be arranged.

Application forms and further particulars are available from: Office of the Director of Personnel, University of Manchester, Oxford Road, Manchester M13 9PL; tel: 0161 275 2028; fax: 0161 275 2044 or Minicom (for hearing impaired): 0161 275 7889; or e-mail Personnel@man.ac.uk. Please quote reference number 119/97. Subsequent informal enquiries may be addressed to Professor C.T.H. Baker, Head of Department of Mathematics. Closing date for applications is **1st May 1997**. Particulars may also be accessed via the World Wide Web (http://www.ma.man.ac.uk/Beyer/).

As an equal opportunities employer, The University of Manchester welcomes applications from suitably qualified people from all sections of the community regardless of race, religion, gender or disability.
Modern automatic sequencing and cloning methods are now translating the fundamental discovery of the genetic code into a wide-ranging revolution, which has overwhelming importance for medicine and agriculture, as well as for basic science. Computational Biology is an important component of this revolution: the development and analysis of computational and statistical techniques for discovering and extracting information from molecular sequences. The workshop is intended as a forum for the presentation and discussion of recent research in the area, and also provides an opportunity for scientists from other disciplines to become acquainted with its attractions.

Speakers include: D.J. Balding (Queen Mary Westfield), A. von Haeseler (München), M.S. McPeek (Chicago), W.C. Navidi (Colorado School of Mines), D.O. Nelson (Lawrence Livermore Labs), C. M. Neuhauser (Minnesota), T.P. Speed (Berkeley), S. Tavaré (USC), E. de Turckheim (INRA, Jouy), M. Vingron (DKFZ, Heidelberg), M.S. Waterman (USC).

All are welcome. Research students are particularly encouraged to participate. The workshop will be held from 22-23 May 1997 at the Department of Applied Mathematics, University of Zürich. Further information can be obtained from Mrs. V. Schölziger, Abteilung für Angewandte Mathematik, Universität Zürich, Winterthurerstrasse 190, CH-8057 Zürich; e-mail: veronika@amath.unizh.ch; tel. (+41)-1-257 5831; fax (+41)-1-257 5705; see also WWW-information at: http://www.amath.unizh.ch/.

The workshop will be held from 22-23 May 1997 at the Department of Applied Mathematics, University of Zürich. Further information can be obtained from Mrs. V. Schölziger, Abteilung für Angewandte Mathematik, Universität Zürich, Winterthurerstrasse 190, CH-8057 Zürich; e-mail: veronika@amath.unizh.ch; tel. (+41)-1-257 5831; fax (+41)-1-257 5705; see also WWW-information at: http://www.amath.unizh.ch/.

Further particulars may be obtained from the Warden’s Secretary, Merton College, Oxford OX1 4JD (telephone 01865-276352 or fax 01865-276282). The closing date for applications is 1 May 1997.
Equal to the task

F. Verhulst
Nonlinear Differential Equations and Dynamical Systems
(Universitext)
2nd rev. and expanded ed. 1996.
X, 303 pages, 127 figures.
Softcover £ 21
ISBN 3-540-60934-2
This new edition contains an extensive analysis of fractal sets with dynamical aspects like the correlation and information dimension. In Hamiltonian systems, topics like Birkhoff normal forms and the Poincaré-Birkhoff theorem on periodic solutions have been added. There are now 6 appendices with new material on invariant manifolds, bifurcation of strongly nonlinear self-excited systems and normal forms of Hamiltonian systems.

B. Øksendal
Stochastic Differential Equations
An Introduction with Applications
(Universitext)
Softcover £ 21
ISBN 3-540-60243-7
This book gives an introduction to the basic theory of stochastic calculus and its applications. Examples are given throughout the text, to motivate and illustrate the theory and to show its importance for many applications, such as in economics, biology, and physics. The basic idea of the presentation is to start from some basic results (without proofs) of the easier cases and develop the theory from there, and to concentrate on the proofs of the easier cases (which nevertheless are often sufficiently general for many purposes) in order to be able to quickly reach the parts of the theory which are most important for the applications.

L. Perko
Differential Equations and Dynamical Systems
(Texts in Applied Mathematics, Vol. 7.)
2nd ed. 1996. XIV, 519 pages, 224 figures.
Hardcover £ 34
ISBN 0-387-94778-7
This book contains a systems study of autonomous systems of ordinary differential equations and dynamical systems. The main purpose of the book is to introduce students to the qualitative and geometric theory of ordinary differential equations. However it is also useful as a reference book for mathematicians doing research on dynamical systems. This second edition has been substantially updated.
AUSTRIAN CONGRESS OF MATHEMATICS

The Österreichische Mathematische Gesellschaft - Austrian Mathematical Society - (ÖMG) and the Institute of Mathematics of the University of Salzburg invite you to the XIV Austrian Congress of Mathematics, 22-26 September 1997 in Salzburg (day of arrival: September 21). For this reason, the Deutsche Mathematiker Vereinigung (DMV) - German Mathematical Society - has not scheduled a meeting for the year 1997. The general meetings of the DMV and ÖMG will be held in Salzburg during the congress.


Recipients of the 1995 and 1996 mathematical research grants of the ÖMG will present the results of their scientific work. Furthermore there will be a day on Didactics, that will be coordinated by F. Schweiger (Salzburg). Congress members are invited to present results of their research in 20 minute talks. The following sections are planned:

- Philosophy, History of Mathematics
- Logic, Theoretical Informatics
- Discrete Mathematics
- Number Theory
- Algebra
- Real and Complex Analysis
- Topology, Differential Geometry
- Differential Equations
- Numerical Mathematics, Computational Mathematics
- Applied Mathematics, Technomathematics
- Theory of Probability, Statistics
- Functional Analysis, Harmonic Analysis
- Elementary Mathematics and Didactics of Mathematics
- Geometry.

The conference fee, if payment received before 1 July 1997, is: ATS 800 for members of ÖMG, DMV, AMS and UMI; ATS 1.000 for non-members; ATS 300 for students and non-participants. If payment is received after 1 July there will be an increase of ATS 200. A second invitation to the congress will be mailed during April. Once your preliminary registration is received, information about the programmes, congress account and hotel reservations will be sent to you. For further information contact: Johannes Czermak, Institut für Mathematik, Universität Salzburg, Hellbrunnerstrasse 34, A-5020 Salzburg, Austria; tel: 0 662/8044-5301; fax: 0 662 8044-137.

DAVID EPSTEIN’S 60th BIRTHDAY

David Epstein’s 60th birthday will be celebrated with a meeting on Hyperbolic Geometry and Geometric Group Theory, to be held at Warwick, 13-17 May 1997. The meeting will take the form of a workshop starting on Tuesday 13 May, and culminating in lectures lunchtime to lunchtime 16-17 May with main speakers Jim Cannon, David Gabai, Mikhail Gromov, Walter Neumann and Zlil Sela. There will be a buffet supper on the evening of 16 May. The meeting is supported by the LMS and organised by Igor Rivin, Alan Robinson, Colin Rourke and Caroline Series. The organisers anticipate that limited funding will be available for support of participants. Persons wishing to attend should contact: Mrs Peta McAllister, Business Manager, Mathematics Research Centre, University of Warwick, Coventry CV4 7AL; tel: 01203 524403, peta@maths.warwick.ac.uk who can supply further information and application forms as required.
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<th>Title</th>
<th>Series Editors</th>
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<tr>
<td>Interpolation, Identification, and Sampling</td>
<td>H.G. Dales</td>
<td>0-19-850024-6</td>
<td>£55.00</td>
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<td>Categories of Symmetries and Infinite-Dimensional Groups</td>
<td>Peter M. Neumann</td>
<td>0-19-851186-8</td>
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<td>Integrability, Self-duality, and Twistor Theory</td>
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<td>Spectral Decompositions and Analytic Sheaves</td>
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<td>The Geometry of Topological Stability</td>
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<td>Pluripotential Theory</td>
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<td>£33.95</td>
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To order by credit card please ring +44 (0)1536 454534. LMS members may deduct 25% from all prices listed except those included in the Combined Maths Sale. Please quote reference LMS0497. Further information available from Carol Siddo at "siddoc@oup.co.uk"
LONDON MATHEMATICAL SOCIETY BOOK SERIES REPORTS

Lecture Notes
The LMS Lecture Notes are published jointly by the Society and Cambridge University Press. Most volumes are short, authoritative accounts of the present state of knowledge on a topic of general interest. The Series also accepts conference proceedings and other collective works with similar aims. In general the Series is relaxed and informal, but places importance on the quality of exposition. To date over 200 volumes have appeared.

The current editor is Professor J.W.S. Cassels. He is assisted by Dr Graham Allan, Professor Paul Cohn, Professor Nigel Hitchin, Dr Martin Hyland and Dr Charles Thomas.

Intending authors should contact Professor Cassels (DPMMS, 16 Mill Lane, Cambridge CB2 1SB, e-mail jwsc@cam.ac.uk) or Mr Roger Astley at Cambridge University Press (e-mail: rastley@cup.cam.ac.uk).

J.W.S. Cassels
University of Cambridge

Student Texts
The LMS Student Texts Series, established in 1983, complements the LMS Lecture Notes Series by publishing textbooks of an expository nature aimed at advanced undergraduates and beginning graduate students. The number of volumes in the series is now about 35. The series aims to offer introductions to areas in which there is an absence of well-established and standardised exposition, providing students with access to new and exciting ideas as they emerge.

Ideally, a Student Text should be accessible to a first year research student reading alone. Texts are frequently based on graduate courses given by the authors; translations of successful books at the right level are also considered. Printing is usually done from camera ready copy or TeX files produced by the author, providing a rapid and relatively informal and low cost mode of publication.

Volumes appear in hardback and paperback and should be between 150 and 400 pages in length.

The chief editor is Professor C.M. Series (Warwick) with editorial advisors P. Diaconis (Harvard), E.G. Rees (Edinburgh), S. van Strien and D.M. Testerman (Warwick). Manuscripts or proposals for consideration are always welcome and should be sent either to one of the above editors or to R. Astley at Cambridge University Press (rastley@cup.cam.ac.uk), any of whom will also be happy to answer enquiries about the series.

Caroline Series
University of Warwick

Monographs
The LMS Monographs are published for the Society by Oxford University Press; the editors are H.G. Dales (Leeds) and P.M. Neumann (Oxford). The year 1996 was something of a bumper year for the series: 5 volumes were published, bringing the total in the series to 16. These volumes are:

10 J. Eschmeier and M. Putinar, Spectral Decompositions and Analytic Sheaves
13 M.N. Huxley, Area, Lattice Points and Exponential Sums
14 H.G. Dales and W.H. Woodin, Superreal Fields
15 L. Mason and N.M.J. Woodhouse, Integrability and Twistor Theory
16 Yu. Neretin, Categories of Symmetries and Infinite-Dimensional Groups

A number of attractive volumes are in the pipeline: we expect to publish 6 or 7 further volumes by the end of 1998. But we are actively seeking potential authors of high-quality books: please contact one of the editors for a copy of our manifesto on “Writing an LMS Monograph” if you have any thoughts of becoming an author.

Note that all members of the society can purchase these volumes at a 25%
discount: contact OUP at 01536 454 534 for further information. Soon some older volumes will be offered at a very large discount: watch out for this special offer!
H. Garth Dales
University of Leeds

History of Mathematics
The series, published jointly with the American Mathematical Society, produces scholarly books on the history of modern mathematics, of interest to mathematicians and historians of mathematics. It is in good shape.
Three books appeared in 1996:
10 John Stillwell, Sources of Hyperbolic Geometry
11 June Barrow-Green, Poincaré and the Three Body Problem
12 Walter Rudin, The Way I Remember It

There are supplies in the pipeline: an English translation of “Matematik och Matematiker” by Lars Garding, and a book on the life and work of Jacques Hadamard. Other titles are under active consideration, and anyone with a manuscript or project they would like considered is invited to get in touch with one of the editors (D.H. Fowler, Warwick; J.J. Gray, Open University; S.J. Patterson, Göttingen).

Jeremy Gray
Open University

JOINT PROJECTS WITH CENTRAL EASTERN EUROPE AND THE FORMER SOVIET UNION

As part of the Royal Society’s policy of encouraging scientific links between the UK and the countries of Central and Eastern Europe (CEE) and the former Soviet Union (fSU), applications are invited for grants for two-year collaborative research projects between institutions in the UK and CEE and the fSU. Grants are for research in the natural sciences, including mathematics, engineering, non-clinical medical research and the scientific research aspects of psychology, archaeology, geography, agriculture and the history of science.

Eligible countries are: Albania, Armenia, Azerbaijan, Belarus, Bosnia and Herzegovina, Bulgaria, Croatia, the Czech Republic, Estonia, Georgia, Hungary, Kazakhstan, Kyrgyzstan, Latvia, Lithuania, Moldova, Poland, Romania, Russia, Slovakia, Slovenia, Tajikistan, Turkmenistan, Ukraine, Uzbekistan, the former Yugoslav Republic of Macedonia and Yugoslavia. Grants are for the cost of visits by UK researchers and researchers who are nationals of the above countries and who are of at least postdoctoral status.

The award covers international airfares, subsistence in the host country and internal travel for short research visits to and from the participant countries. The maximum award is £3,000 per annum for projects with CEE and £4,000 for projects with the former Soviet Union. In addition, provision is made for £500 per annum for research related consumables or small pieces of equipment.

Applications are invited to two annual closing dates: 15 June and 15 November. Project proposals are completed jointly by the British and CEE/fSU teams and submitted by the UK project leader. For further information and application forms contact: Mr R. Constantinescu, International Exchanges, The Royal Society, 6 Carlton House Terrace, London, SW1Y 5AG; e-mail: ezmb016@mailbox.ulcc.ac.uk; tel: 0171 451 2563, fax: 0171 925 2620.

SCOTTISH ALGEBRA DAY

The 8th Annual Scottish Algebra Day will take place in Glasgow on Friday 25 April 1997, supported by the London Mathematical Society. The speakers will be: V. Bavula (Kiev), J. Jantzen (Aarhus), H.D. Macpherson (Leeds) and A.E. Zalesski (East Anglia). For details contact one of the organisers: Ken Brown (kab@maths.gla.ac.uk), Jim Howie (jim@ma.hw.ac.uk) or Tom Lenagan (tom@maths.ed.ac.uk).
A One-Day Combinatorics Colloquium will be held at the University of Reading on Wednesday 21 May, starting 10.15 am. Everyone interested is welcome. Lectures will take place in Rooms 113, 314 of the Mathematics Building and the Larger (Ditchburn) Lecture Theatre in the Physics Building. Self-service tea and coffee will be available for most of the day in Room 112 of the Mathematics Building. Lunch can be purchased in the Blue Room, the Buttery (Cedar Room) or elsewhere. The list of speakers and titles are below:


The colloquium is financially supported by the London Mathematical Society and the British Combinatorics Committee.

COMPLEX METHODS IN DIFFERENTIAL GEOMETRY CONFERENCE

This conference, being held from 18-29 August 1997, is the concluding event in the ICMS programme “Complex Methods in Differential Geometry”. The talks, by invited speakers, will range over this area, with particular emphasis on the main topics of the preceding workshops: Twistor constructions, Penrose transforms; complex methods in integrable systems and harmonic maps; exceptional holonomy, complex methods in integral geometry; Kähler geometry and extremal metrics. Organising Committee: T.N. Bailey, R.L. Bryant, M.G. Eastwood, C.R. LeBrun, M.A. Singer. The conference programme will be of invited talks. The list of speakers is not yet complete, but at present the following people have agreed to speak: M.F. Atiyah, J-P. Bourguignon, R.L. Bryant, M.G. Eastwood, C.R. Graham, E. Grinberg, D. Joyce, S. Merkulov, Z. Ran, L. Schwachhoefer, A.F. Swann, K.P. Tod, R.S. Ward and J.A. Wolf.

Up-to-date information will be kept at the Complex Methods in Differential Geometry programme web site at http://www.maths.ed.ac.uk/~tnb/dgcon/.

People wishing to attend should obtain a registration form, as soon as possible, from: Margaret Cook, ICMS, 14 India Street, Edinburgh EH3 6EZ; e-mail: icms@maths.ed.ac.uk; tel: 0131-220-1777, fax: 0131-220-1053.

NORTH BRITISH FUNCTIONAL ANALYSIS SEMINAR

A meeting of the North British Functional Analysis Seminar will be held at George Square of the University of Edinburgh from 2.30 pm on Monday 26 May until noon on Tuesday 27 May, the Late Spring Bank Holiday. The speakers will include Professor Alain Pajor (Marne-la-Vallee) on Monday and Professor Alan Hopenwasser (Alabama) on Tuesday. For further information please contact Dr G. Blower, Department of Mathematics and Statistics, Lancaster University (e-mail: g.blower@lancaster.ac.uk).

WMY 2000 NEWSLETTER

Newsletter 4 of World Mathematical Year 2000 has appeared. It includes a call for proposals for a logo for WMY 2000. Electronic versions of issues 1, 2, 3 and 4 of the Newsletter are available on Internet (http://www.math.jussieu.fr).
A Lectureship (Grade A) in Pure Mathematics is available from 22 September 1997. The successful candidate will have a strong commitment to teaching and research and will be expected to make a sustained contribution to the research output of the Department. In the 1996 RAE Pure Mathematics was rated 4.

Applications are welcome from candidates with interests in any area of Pure Mathematics, particularly the general area of Geometry & Topology. A research studentship (GTA) may be associated with this post.

Informal enquiries may be made to Professor Nigel Cutland, Head of Pure Mathematics and Statistics (Tel: 01482-466214; e-mail n.j.cutland@maths.hull.ac.uk)

For further information and details of how to apply contact the above or the Personnel Office (Tel: 01482-466580 - recruitment answerphone; fax 01482-466570) or visit http://www.hull.ac.uk/maths

Closing date for applications - 18th April 1997

University College, Galway

Applications are invited for the following full-time permanent post:

JUNIOR LECTURESHIP IN MATHEMATICS

For informal discussion, contact:

Professor T. Hurley
Phone: +353 91 750442 / Fax: +353 91 750542
E-mail: Ted.Hurley@ucg.ie / WWW: http://www.tedser.UG.CG.IE

Further information may be obtained from:

The Registrar, University College, Galway, Ireland.
Telephone enquiries: + 353 91 524411 Ext:2121
+ 353 91 750369 (Direct)
Fax No: + 353 91 750557 / E-mail: Registrar@mis.ucg.ie

University College Galway is an equal opportunities employer.

Matthew F. McCarthy - Registrar
The EPSRC office is happy to deal with queries but the following is a list of frequently asked questions and their answers which you may find useful.

**When can I apply?** Unless the application is intended for either the Applied Non-linear Mathematics (ANM) or Stochastic Modelling (SMST) programmes, it can be submitted at any time. We aim to process all applications within 20 weeks. If, however, your application does not come in in time to be refereed before a meeting, it will have to be deferred to the next one which may increase the processing time. You should also take into account the time it would take to appoint staff - a grant submitted in May with the intention of starting in October could leave you with only one month to find a suitable person.

**Start date slippage?** If your grant application is successful, we will telephone you to check when you wish the grant to start (this does not have to be the date originally put on the form). Once we have that, we will announce the grant and send you a letter. You can then delay the date the grant actually starts by up to six months from the announced start date without informing us. The actual starting date will be that put on the starting certificate which your institution must return to EPSRC. Please note however, grants not started within this time will automatically lapse.

**Extensions** On receipt of a written request, extensions of up to six months can be given if there has been a break in any staff appointments.

**CVs** All requests for visiting fellows (unless for multiple VFs, i.e., a workshop application) or named RAs, should have a CV attached. Grants will not be processed until this information is received.

**Change of named RA** Please notify in writing any changes in personnel on grants with named RA posts.

**Where can I get the forms?** Your own Administration department should have copies of all EPSRC forms, or the EPS(RP) form can be downloaded from the WWW. We do not send them out to individuals unless they are nonstandard forms for a particular activity (e.g., CASE projects).

**What is the Small Grant Scheme?** Applications for single Visiting Fellows requesting £8k or less may be submitted at any time. These will be assessed under the Small Grants Scheme, which is processed postally by referee, and aims to have a turnaround of between eight and twelve weeks. This is for travel and subsistence only; salary is only given under exceptional circumstances.

**Institution transfer** If you are changing institution, please inform the office in writing before the date of transfer, giving the reference numbers of the grants you wish to take with you. We also require a letter from the Research Grant Administration department of both universities, confirming they are happy for the transfer of the grant(s).

**What is an OTG?** This is an Overseas Travel Grant to enable academics to visit recognised centres abroad to study new techniques or to develop collaboration. Applications should be for travel and subsistence only and for no more than £20k, and should reach the office at least 6 weeks before the proposed travel date.

**Who should I phone about my grant?** For general enquiries this should be: Jan Tucker (Applied, ANM and Statistics) tel: 01793 444239; Stuart Greaves (Pure, Small Grant Scheme or Final Reports) tel: 01793 444454.
Combined Mathematics Sale
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The diary lists Society meetings and other events publicized in previous issues of the Newsletter. For further information, refer to the figure in brackets, which is a cross reference to the LMS Newsletter number.

**APRIL 1997**

1-5 Computational Methods for Representations of Groups and Algebras Euroconference, Essen, Germany (246)
1-11 Stochastic Partial Differential Equations Instructional Meeting, ICMS, Edinburgh (244)
2-4 British Topology Meeting, Mathematical Institute, Oxford (244)
4 39th British Theoretical Mechanics Colloquium, Edinburgh (244)
4 Spitalfields Day, Isaac Newton Institute, Cambridge (247)
7-11 GAP System for Computation in Algebra and Discrete Mathematics Workshop, St Andrews University (247)
7-11 Models and Algorithms for Planning and Scheduling Problems Workshop, Queen's College, Cambridge (242)
7-12 Modular Representation Theory in the Non-defining Characteristic Workshop, Isaac Newton Institute, Cambridge (245)(247)
8-11 Fractals in the Natural and Applied Sciences, Denver, Colorado, USA (233)
11-14 Low-Dimensional Topology Conference, Sussex University (242)
11-14 Research in Progress BSHM Meeting, Warwick University (247)
14-17 British Mathematical Colloquium, Royal Holloway, Surrey (242)
14-18 LMS Invited Lectures, Birmingham University, Professor J.L. Alperin (238)
17 Special Meeting Marking the Retirement of Bill Morton, Computing Laboratory, Oxford (244)
17-19 Postgraduate Combinatorics Conference, Royal Holloway College, Surrey (245)

**MAY 1997**

2 Edinburgh Mathematical Society Meeting, Aberdeen (241)
16-17 Graph Theory Conference in Honour of Professor Tutte's 80th Birthday, University of Waterloo, Canada (247)
23-24 Two-day London Mathematical Society Meeting, Liverpool
23-24 Groups in Galway Meeting, Galway (245)
30 - 1 June Homotopy Theory Miniconference, Sheffield University (247)

**JUNE 1997**

2-20 Advanced School on Mathematical Models of Systems Involving Phase Changes, ICMS, Edinburgh (246)
2-28 Dirichlet Forms and their Applications in Geometry and Stochastics Euroconference, Crete, Greece (246)
6 Edinburgh Mathematical Society Meeting, St Andrews (241)
20 LMS Meeting, London
23-4 July Confinement, Duality and Non-Perturbative Aspects of QCD Workshop, Isaac Newton Institute, Cambridge (245)
26-28 Joint International Meeting in South Africa, University of Pretoria, South Africa (244)
29-5 July Nonlinear Dispersive Waves: Theory and Applications Euroconference, Crete, Greece (246)
30-1 July Boundary Integral Methods Conference, Leeds University (242)

**JULY 1997**

6-13 Logic Colloquium, Leeds University (244)
7-11 Harmonic Morphisms, Harmonic Maps and Related Topics, Université de Bretagne Occidentale, Brest, France (244)
7-11 British Combinatorial Conference, Queen Mary & Westfield College (230) (245)
14-16 Computational Number Theory and Cryptography MATHFIT Instructional Workshop, University of Kent, Canterbury (247)
14-24 Pro-p Groups and Related Topics, LMS Durham Symposium (245)
20-3 Aug Banach Algebras Conference, University of Tubingen, Germany (247)
26-9 Aug Groups St Andrews 1997, Bath University (244)
28-8 Aug Representation Theories and Algebraic Geometry Seminar, Université de Montréal, Canada (245)

**AUGUST 1997**

24-29 15th IMACS World Congress 1997 on Scientific Computation, Modelling and Applied Mathematics, Berlin, Germany (243)
25-29 Analysis and Logic Meeting, University of Mons-Hainaut, Belgium (247)

**SEPTEMBER 1997**

8-12 Stochastic Modelling of Physical Systems Workshop, Cambridge University (244)

**OCTOBER 1997**


**NOVEMBER 1997**

21 London Mathematical Society, Annual General Meeting, London