THE LONDON MATHEMATICAL SOCIETY NEWSLETTER

No. 254

November 1997

FORTHCOMING SOCIETY MEETINGS Friday 21 November 1997 - Scientific Societies Lecture Theatre, London F.P. Kelly (Naylor Prize), M.R. Jerrum Friday-Saturday 20-21 February 1998 - University of Southampton Hyperbolic Geometry Friday-Saturday 22-23 May 1998 - London Joint meeting with the Irish Mathematical Society Complex Analysis and Dynamical Systems

INTEGRABLE DAYS IN LOUGHBOROUGH

In the framework of a scheme 3 grant from the LMS, a two-day conference devoted to "open problems in integrable systems" will take place in Loughborough on 28 and 29 November; confirmed speakers include P. Clarkson, A. Fokas, A. Mikhailov, A. Newell, F. Nijhoff, E. Sklyanin, R. Ward and A. Veselov. More details are available on the web at http://www.lboro.ac.uk/departments/ ma/events/integrable/index.html.

DYNAMICS OF SKEW PRODUCTS NETWORK

The first meeting of the Dynamics of Skew Products Network will take place at UMIST, on 14th November. The speakers will include Mark Pollicott (University of Manchester), Peter Ashwin (University of Surrey), Martin Broomhead (UMIST) and Christian Beck (QMW). Enquiries should be sent to Matthew Nicol (UMIST), 0161-200-3646, mn@fisher.ma.umist.ac.uk. This meeting is supported by the London Mathematical Society.

HYPERBOLIC GEOMETRY First Announcement

A Meeting of the London Mathematical Society will be held at the University of Southampton on Friday, 20 February and Saturday, 21 February 1998.

The speakers for this meeting are Werner Ballmann (University of Bonn), Yair Minsky (SUNY at Stony Brook), Caroline Series (University of Warwick), Brian Bowditch (University of Southampton), Alex Lubotsky (Hebrew University), and Michael Kapovich (University of Utah).

The talks will be on Friday afternoon and Saturday morning. Details concerning overnight accommodation and the Friday night banquet will be made available in the second announcement.

If you would like further details about the seminar, please contact one of the organizers, Graham Niblo (gan@maths.soton.ac.uk) and Jim Anderson (jwa@maths.soton.ac.uk). Their regular mail address is: Faculty of Mathematical Studies, University of Southampton, Southampton SO17 1BJ tel:(01703) 593612; fax;(01703) 595147.

FROM THE DIRECTOR ISAAC NEWTON INSTITUTE FOR MATHEMATICAL SCIENCES

I was glad to read in the LMS Council Diary (Newsletter No 252) with reference to the most welcome renewal of the LMS grant to the Isaac Newton Institute, that "there has been considerable debate within the mathematical community in Britain about the running of the Institute". Unfortunately, since I took over the running of the Institute in October 1996, relatively little of this debate has reached me directly. My first action even before I took up appointment was to invite, through the columns of the LMS Newsletter, comments, criticisms and suggestions concerning the running of the Institute and ways in which we might better serve the UK mathematical sciences community. I received only one direct response to this invitation; this drew attention to the need for a good programme in the field of Partial Differential Equations; the Scientific Steering Committee of the Institute is very conscious of this need, and is now seeking to promote good proposals in this area.

If there are other concerns that we are not addressing, and the wording in Newsletter No 252 suggests that there may be, then please let me know about these, so that we can attempt to meet them. We are already taking steps to increase UK participation in programmes and to encourage young mathematicians to take a greater part in our activities. We are also working towards a more flexible programme structure for the future. I would be happy to discuss these initiatives in more detail with anyone who is interested. And if your concern is that the Institute has not run as many programmes in Pure Mathematics as you would like, or has not run a programme in your preferred subfield, remember that the Scientific Steering Committee, which includes two LMS nominees (as well as three EPSRC nominees and one PPARC nominee), can only accept proposals from

amongst those that are put to it; more good proposals from the pure side will be particularly welcome! The next deadline for receipt of proposals is 31 January 1998, and I would be more than happy to give advice on submitting a proposal to anyone who contacts me.

Keith Moffatt

EPSRC MATHEMATICS NEWS

In the current issue of the Newsletter of the Mathematics Programme of the Engineering and Physical Sciences Research Council, it is reported that one of three EPSRC Senior Fellowships allocated for this year was awarded to a mathematician, namely Professor John Toland (University of Bath). It is also reported that the first "Fast Stream" Grant to be allocated by the Mathematics Programme was awarded to Dr Ian Strachan (University of Hull) and that Mathematics Advanced Fellowships were awarded this year to Dr A.R. Champneys, Dr Y. Netrusov, Dr G.W. Delius, Dr J.P. Gauntlett and Dr U. Tillman. Information is given about the Mathematics for IT (MATHFIT) and the Stochastic Modelling in Science and Technology (SMST) Programmes and the Biological-Mathematics Initiative. The Newsletter has been distributed to all Mathematics Departments. All information relevant to the Mathematics Programme can be found on the EPSRC web page (http:/www.epsrc.ac.uk).

ICM'98 BERLIN 17-28 August 1997

Members are reminded that the deadlines for application for financial support from the Royal Society are 1 December 1997 and 1 March 1998. Application forms may be obtained directly from the Royal Society, 6 Carlton House Terrace, London SW1Y 5AG, tel: 0171 839 5561.

LONDON MATHEMATICAL SOCIETY

Annual General Meeting

Friday 21 November 1997 at 3.15 p.m.

M.R. JERRUM (Edinburgh) will speak at 3.30 p.m. on

Coupling Techniques in the Design and Analysis of Algorithms

F.P. KELLY (Cambridge) (1997 Naylor Prize Lecture) will speak at 5.00 p.m. on

Pricing and Rate Control for Communication Networks

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

The meeting will be held at the Scientific Societies Lecture Theatre, New Burlington Place, London W1

Please note the early start at 3.15 p.m.

50th BRITISH MATHEMATICAL COLLOQUIUM University of Manchester, 6-9 April 1998

The Colloquium will meet from Monday 6 to Thursday 9 April 1998. The first plenary session will be held at 5 pm on Monday. On Tuesday, there will be four general lectures (in two parallel sessions) between 9.15 and 11 am. At 11.30 am, the first Special Session (Mathematical Logic) lecture will be given in parallel with a further general lecture. In the afternoon, splinter groups will meet in parallel with further Special Session lectures, followed by a plenary session at 5 pm. The pattern will be repeated on Wednesday with the Special Session on Dynamical Systems. On Thursday morning the four general lectures will be followed by a closing plenary session at 11.30 am. The AGM will be held at 7.30 pm on Tuesday, and will be followed by a discussion forum. There will be a special conference dinner at 6.30 pm on Wednesday to mark the occasion of the 50th BMC.

The main speakers will be Ian Macdonald (QMW, London), Hugh Woodin (Berkeley), Karen Uhlenbeck (Texas/IAS) and Alain Connes (Paris). The Special Session on Mathematical Logic will be organised by Angus Macintyre (Oxford) and that on Dynamical Systems by Mary Rees (Liverpool).

The BMC is supported financially by the London and Edinburgh Mathematical Societies.

L.R.T. GARDNER

Dr L.R.T. Gardner, a Reader in Applied Mathematics at University of Wales Bangor, died on 21 September 1997 aged 65.

WILLIAM L. EDGE

Professor William L. Edge, who was elected a member of the London Mathematical Society on 25 April 1929, died on 27 September 1997 aged 92.



Chair in Pure Mathematics

Department of Mathematics and Statistics

The University invites applications for the above continuing position. The appointee must possess a strong continued record of internationally recognised research in any branch of Pure Mathematics and will be expected to provide academic leadership and participate actively in the affairs of the Department. Applicants should have a strong background in both undergraduate teaching and postgraduate supervision as well as senior administrative experience. The minimum qualification on appointment is the PhD degree or equivalent. Current research areas within the Department include classical analysis, approximation theory, combinatorics, finite geometry, Fourier analysis, functional analysis, global optimization, noncommutative algebra, partial differential equations, potential theory and topological geometry.

The salary for Professors is within the range NZ\$85,000 to NZ\$105,000 per annum which is in the top 2% of salaries for New Zealand.

Applications close on 31 January 1998.

Academic enquiries only may be made to Dr P F Renaud, Fax [64 3] 364 2587, Email: <p.renaud@math.canterbury.ac.nz>. Conditions of Appointment and Information for Candidates may be obtained from the Association of Commonwealth Universities (46086), 36 Gordon Square, London WC1H 0PF, UK (tel. 0171 387 8572 ext. 206; fax 0171 813 3055; email: appts@acu.ac.uk). Information about the University may be accessed on <http://www.regy.canterbury.ac.nz/home. html>.

Applications, quoting Position No. MT63, must be airmailed to:

The Registrar, Attention: Staffing Section, University of Canterbury, Private Bag 4800, Christchurch, New Zealand.

The University has a policy of equality of opportunity in employment.

LONDON MATHEMATICAL SOCIETY

Spitalfields Day

Friday 28 November 1997

Isaac Newton Institute for Mathematical Sciences Seminar Room 1, 20 Clarkson Road, Cambridge

ZETA FUNCTIONS AND SPECTRA Programme

10.15 Coffee

- 10.30 R. Heath-Brown (Oxford University) The Riemann zeta function and the distribution of primes
- 11.30 Z. Rudnick (Tel-Aviv University, Israel) A survey of spectral statistics of zeros of zeta functions
- 12.30 Lunch
- 14.00 M. Huxley (Cardiff University) Lattice points, zeta functions and the Selberg Trace Formula
- 15.00 D. Hejhal (Uppsala University, Sweden) On Gaussians, L-functions, and linear combinations
- 16.00 Tea
- 16.30 A. Connes (IHES, Bures-sur-Yvette, France) Trace formulas in non-commutative geometry and the Riemann zeta function

Anyone interested is welcome to attend. Lunch will be provided at a nominal charge; please let Tracey Hibbitt at the Institute know by 14 November if you intend to come, to help us plan for lunch: telephone: (01223) 335984; fax: (01223) 330508; e-mail: t.hibbitt@newton.cam.ac.uk. There are limited funds available to assist research students to attend; please apply by 14 November to Tracey Hibbitt at the Institute. Scientific enquiries may be addressed to Dr Jens Marklof, Isaac Newton Institute, 20 Clarkson Road, Cambridge CB3 0EH (e-mail: j.marklof@ newton.cam.ac.uk).

BRITISH COMBINATORIAL COMMITTEE

At the Business Meeting held during the Sixteenth British Combinatorial Conference (7-10 July 1997, Queen Mary & Westfield College) a new Committee was elected to serve until the next Conference. At a subsequent meeting of the newly elected Committee, members to serve as Honorary Secretary and Honorary Treasurer were chosen. The members of the new Committee are as follows: Professor P.J. Cameron (Chairman), Dr I. Anderson (Treasurer), Dr M.H.G. Anthony, Dr J.W.P. Hirschfeld, Professor B. Jackson, Dr C. McDiarmid, Dr J. Sheehan (Secretary), Ex Officio: Dr G. Brightwell (Bulletin Editor), Professor D.A. Preece (Local Organizer for the 1999 Conference). The Committee co-opted Alan Lauder (post-graduate representative).

The Committee is grateful for financial support received from the London Mathematical Society Conferences Fund towards the costs of the above-mentioned Conference.

Seventeenth British Combinatorial Conference The Committee wishes to announce that the next British Combinatorial Conference will be held at the University of Kent from 12-16 July 1999.

British Combinatorial Bulletin This booklet, published annually, contains news of Conferences and Colloquia on Combinatorial topics, a list of British mathematicians known to be interested in Combinatorics and information about forthcoming research publications. It is available on request free of charge to mathematicians resident in Great Britain and at a cost of £8.00 (to cover postage for two issues) to interested persons resident overseas. Please send £8.00 sterling to the Editor, Dr G Brightwell, Mathematics & CDAM, London School of Economics, Houghton Street, London WC2A 2AE.

One-Day Colloquia on Combinatorial Topics The British Combinatorial Committee has again decided to make a limited sum of money available for the support of One-Day Colloquia on Combinatorial topics. The Committee will, however, expect any Institution requesting money under this agreement to provide part of the total needed from its own funds. Proposals for consideration by the Committee should be sent in the first instance to the Secretary, Dr J Sheehan, Department of Mathematical Sciences, University of Aberdeen, Old Aberdeen AB24 3QY

JOURNAL OF INTERDISCIPLINARY MATHEMATICS Call for Papers

The Journal of Interdisciplinary Mathematics is a new publication of the Academic Forum devoted to the interdisciplinary nature of mathematics. Each volume is scheduled to appear in three issues, published in February, June, and October, commencing in 1988. Papers are sought which discuss fresh applications and research findings which encompass both applications and some theoretical components which together help the decision-making process by utilizing mathematical modelling. These applications may come from widely diverse fields. Please submit three copies of your manuscript to Dr H. Arsham. School of Business, University of Baltimore, Baltimore, MD 21201-5779, USA (tel: 410 837-5268; fax: 410 837-5722; e-mail: harsham@ubmail.ubalt.edu). For information regarding subscriptions, contact Dr Arsham as noted above.

DEPARTMENTAL NEWS

Cambridge University Dr I.H. Grojnowski has been appointed to a Lectureship from 1 October 1997.

Reading University Dr L.J. Bunce has been promoted to a Readership.

University of East Anglia Dr D.M. Evans, Dr G.R. Everest and Dr I.J. Siemons have been promoted to Readerships and Dr G.J. Janacek has been promoted to a Senior Lectureship. Professor V. Mnukhin is a Royal Society/ NATO Postdoctoral Fellow for the year.





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CALL FOR THE EMS LECTURESHIP 1999

Bids for the EMS Lectureship 1999 are invited, following the rules outlined below, and should be sent to the secretary of the EMS, Professor Peter Michor, Institut für Mathematik, Universität Wien, Strudlhofgasse 4, A-1090 Wien, Austria (peter.michor@esi.ac.at) not later than 1 January 1998. The possibility of giving the same lecture on two sites is welcome. See also the report on the EMS lectureship 1997 in the September issue of the EMS Newsletter.

Nature and purpose The idea of the EMS lectureship is, in each odd-numbered year, to invite a distinguished mathematician to visit an institution within the area covered by the EMS, to give a series of from three to five lectures of an advanced expository nature on a topic of current research interest. The lecturer should subsequently provide a written version, which should be submitted for publication, normally to the Journal of the European Mathematical Society, when it is established. In the selection of the venue for the lectures, preference should be given to institutions which might not otherwise be able to host such a meeting. If the lecturer agrees, the lectures should be repeated at one other location, also within the area covered by the EMS but remote from the first.

Financial arrangements The EMS will pay travel expenses for the lecturer, and will also pay a lecture fee upon receipt of the manuscript. The host institution will be responsible for the lecturer's accommodation and living expenses, and for insuring appropriate hospitality.

Timing and selection For the lecturer in year n, there will be an announcement in the September issue of the EMS Newsletter in year n - 2, inviting members to bid for a visit to their department by a named lecturer. At its first meeting in year n - 1, the Executive Committee will agree on an ordered list of the top three choices for the combination lecturer + location. The President of the EMS will invite the lecturer to be the EMS Lecturer for year n. If the lecturer declines the invitation, then the second (and if necessary the third) choice will be approached. The host institution will then become responsible for making the detailed arrangements for the lectures, and making appropriate publicity for the event.

Previous EMS-lecturers H. Lenstra, 12-15 June 1995 in Besancon, France, N. Cutland, 27 May - 2 June 1997, in Helsinki, Finland, and 23-26 May 1997 in Gothenburg, Sweden.

SECANTS

Following a renewal of its LMS Scheme 3 grant for a third year, together with additional funding from Hewlett-Packard, the seventh SECANTS (South of England Computational and Algorithmic Number Theory Seminars) meeting will take place in Bristol on Saturday 6 December 1997. The speakers will be J.E. Cremona (Exeter), N.P. Smart (Hewlett-Packard), J.F. McKee (Oxford) and R. Schoof (Rome). For details of the programme, see http://www.maths.ex.ac.uk/~cremona/ secants/secants7.html. For general information about SECANTS, and to be put on the e-mail mailing list, see http://www.maths.ex.ac.uk/~cremona/ secants/index.html.

VISIT OF G. KRIEGSMANN

The London Mathematical Society is supporting a lecture and research tour by Professor Greg Kriegsmann (New Jersey Institute of Technology) of North British Differential Equations Seminar (NBDES) member institutions between 27 October and 7 November. He is a world leader in the theory and applications of wave propagation, and particularly in electromagnetic scattering. Full details of his tour and seminar topics can be found on the WWW page http://www.ma.hw.ac.uk./nbdes/ nbdes.html. In the remaining part of his tour he will speak at St Andrews (3 November), Dundee (4 November), ICMS (5 November) and Strathclyde (7 November). These seminars are open to all who are interested.

G.H. HARDY COMMEMORATION

A meeting to mark the 50th anniversary of the death of G.H. Hardy will be held at the Mathematical Institute and New College, Oxford on Saturday 6th December 1997

Morning

10.00 Coffee

10.25	N.J. Hitchin (Oxford) Opening Remarks
10.30	D.R. Heath-Brown (Oxford) A brief history of the circle method
11.10	H.L. Montgomery (Ann Arbor) Two inconsistent conjectures of Hardy and Littlewood
11.50	J-P. Kahane (Paris-Sud) Hardy's comments on the Weierstrass function

Afternoon

- 14.00 W.K. Hayman (Imperial) Some contributions of G.H. Hardy to the theory of Functions
- 14.40 F. Smithies (Cambridge) Hardy on analysis teaching
- 15.15 R.A. Rankin (Glasgow) Hardy's students, his family, and other matters
- 16.20 To be arranged

17.00 Tea

The morning session will be held in the Mathematical Institute, 24-29 St Giles'. The afternoon session will take place either in New College or in the Mathematical Institute, depending on numbers.

The London Mathematical Society has made a grant towards the expenses of the meeting, which is also subsidized by New College. Thanks are also due to the British Society for the History of Mathematics for help in the organisation of the meeting. There will be a registration fee of £5 per person, payable on arrival.

The meeting is open to all, but for organizational reasons it is important to know in advance the numbers likely to attend. Those planning to come are therefore kindly asked to give notice of their intention (in writing or e-mail) as soon as possible, and in any case not later than Friday 28th November, to Dr D.A. Edwards, Mathematical Institute, 24-29 St Giles', Oxford OX1 3LB (edwardsd@maths.ox.ac.uk).

ONE HUNDRED YEARS AGO

The following is an extract from the Minutes of a meeting of the Council of the London Mathematical Society held on 11 November 1897.

"The Treasurer gave a full abstract of his Report and in the course of his remarks pointed out that the publications of the Society had of recent years grown to such an extent as to tax its utmost resources and that, were it not for the help of the Funds munificently established many years ago by Lord Raleigh and more recently by the late Lt. Col. Campbell, the Society would be compelled to materially restrict its sphere of activity."

At that time, the Treasurer of the Society was A.B. Kempe, the President was Professor E.B. Elliott, FRS, and R. Tucker was in his thirtieth year as Secretary. The Society had 229 members.

DIMENSIONS AND DYNAMICS CONFERENCE

The Janos Bolyai Mathematical Society is organizing a conference on Dimensions and Dynamics from 20-24 July 1998 in Miskolc (Hungary). The scope of the conference includes dimension of measures and attractors, dimension of Julia sets, random fractals, number theoretic aspects of dimension theory and dynamical systems, rectifiability, tangent measures, multifractals, random fractals, the existence of interior points of sum of two linear Cantor sets. The Scientific Committee consists of: D. Mauldin (Honorary Chair), K. Simon (Chair), A. Manning, P. Mattila, M. Pollicott (members). Further information is available from the Janos Bolyai Mathematical Society, Fö utca 68, Budapest. H-1027 Hungary, tel: (36) (1) 201 -7656, fax: (36) (1) 201 - 6974; e-mail: bjmt@math-inst.hu. You may register, by 5 December, at the conference homepage: http://www.math-inst.hu/miskolc or by e-mail: miskolc@math-inst.hu (subject pre-registration).

DOMAIN DECOMPOSITION METHODS CONFERENCE

The Eleventh International Conference on Domain Decomposition Methods will be held from 20-24 July 1998 at the University of Greenwich, London SE9. Domain decomposition is an active and interdisciplinary research area that has drawn the attention of mathematicians. Research work is now being extended and applied in many branches of computational mathematics and science and engineering. In particular, nonlinear and multiphysics problems related to industries and strategies suitable for parallel and distributed computing and high performance computing are of interest to the participants of this series of international conferences.

This eleventh meeting will take place in the United Kingdom for the first time. Its special focus will be on numerical analysis, computational issues, industrial applications and software development for domain decomposition methods. The conference will take the format of plenary talks, minisymposia, parallel sessions, selected graduate paper presentations and vendors exhibition. All aspects of DDbased methods are sought. The local organising committee consists of: Chairman: M Cross (Greenwich), Vice-Chairman: C-H Lai (Greenwich), Members: K Chen (Liverpool), A Craig (Durham), M G Everett (Greenwich), I G Graham (Bath), K A Pericleous (Greenwich).

For further information contact: Mrs Francoise Barkshire, Conference Secretary, School of Computing and Mathematical Sciences, University of Greenwich - Woolwich Campus, Wellington Street, London SE18 6PF, e-mail: f.barkshire@gre.ac.uk, tel: 0181 331 8706, fax: 0181 331 8925, WWW: http://dd11.gre.ac.uk/.

RODERICK G. MCLEAN

Dr Roderick G. McLean, who was elected a member of the London Mathematical Society on 20 January 1989, died in June 1997.

American Mathematical Society

The Way I Remember It



Walter Rudin, University of Wisconsin, Madison

It is a real pleasure to read this book and to admire the charming personal style we have come to know from Rudin's textbooks, monographs and articles. The book is strongly recommended not only to analysts, but also to all mathematicians as well as historians. —European Mathematical Society Newsletter

Of noteworthy significance.

—Zentralblatt für Mathematik

With this memoir Rudin gives the entire mathematical community a chance to make his acquaintance both mathematically and personally, and a very worthwhile acquaintance it is. The

biographical section ... is fascinating ... It's what the literary critics call

"a good read" ... this book is a delight to read and will also help to inspire and guide young analysts in the path of wisdom. You will not want to miss a single page of it ... recommend it to everyone.

-Mathematical Reviews



Part II offers samples of his work, in which he relates where problems came from, what their solutions led to, and who else was involved. As those who are familiar with Rudin's writing will recognize, he brings to this book the same care, depth, and originality that is the hallmark of his work.

Co-published with the London Mathematical Society. Members of the LMS may order directly from the AMS at the AMS member price. The LMS is registered with the Charity Commissioners

History of Mathematics, Volume 12, 1997; 191 pages; Softcover; ISBN 0-8218-0633-5; List \$29; All AMS members \$23, Order code HMATH/12LMS

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I. Anderson, Bulletin of the Edinburgh Mathematical Society

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LMS CONFERENCE GRANTS

Programme Committee has recently awarded grants to support the following conferences and meetings. These are all open to members. If you wish to attend, or would like more information, please contact the organiser.

Date	Title	Location	Organiser
6 Dec 1997	The Life and Work of G.H. Hardy	Oxford	D. Edwards (edwardsd@maths.ox.ac.uk)
5-8 Jan 1998	Singular Perturbations and Nonlinearities in Continuum Mechanics	Bath	A. Movchan (abm@maths.bath.ac.uk)
6 Feb 1998	Silver Anniversary of Nonlinear Geometric Control Theory	Royal Society London	A. Astolfi (a.astolfi@ic.ac.uk)
22-27 Mar 1998	31st European Study Group with Industry (ESGI '98)	Southampton	A. Wheeler (aaw@maths.soton.ac.uk)
30 Mar- 4 Apr 1998	Vector Bundles and Principally Polarised Abelian Varieties	Durham	W.M. Oxbury (w.m.oxbury@durham.ac.uk) P.E. Newstead (newstead@liv.ac.uk)
6-9 Apr 1998	The Mathematical Biology of Pattern and Process	Bath	K.A. Jane White (kajw@maths.bath.ac.uk)
6-9 Apr 1998	50th British Math- ematical Colloquium	Manchester	G. Walker (grant@ma.man.ac.uk)
14-16 Apr 1998	13th British Topology Meeting	Aberdeen	P.R. Turner (pt@maths.abdn.ac.uk)
16 Apr 1998	British Women Math- ematician's Day 1998	Coventry	H.D. Robinson (mtx057@coventry.ac.uk)
23-25 Apr 1998	Postgraduate Combin- atorial Conference 1998	Keele	R.M. Whitaker (mad09@keele.ac.uk)
21-28 Jun 1998	Nonlinear Evolution Equations and Dynam- ical Systems (NEEDS '98)	Leeds	A.P. Fordy (allan@amsta.leeds.ac.uk)
2-3 Jul 1998	Moduli Spaces in Math- ematics & Physics: A workshop organised by European Women in Mathematics	Oxford	F. Kirwan (frances.kirwan@balliol.ox. ac.uk)

UNIVERSITY OF ZURICH

PROFESSOR IN MATHEMATICS

The Institute of Mathematics invites applications for a position in **Applied Mathematics** at the associate or full professor level, to start in September 1998. Preference will be given to candidates in Numerical Analysis or Algorithmics, but applications from other applied areas are also welcome.

Candidates are expected to have a strong research record and to be willing to teach at all university levels.

Applications should include a *curriculum vitae* and a list of publications, and should reach the Dekanat der Philosophischen Fakultät II, University of Zurich, Winterthurerstrasse 190, CH-8057 Zurich, Switzerland, before **31 December 1997**.

UNIVERSITY OF ZURICH

ASSISTANT PROFESSOR IN MATHEMATICS

The Institute of Mathematics invites applications for an assistant professorship in **Pure Mathematics**, starting in September 1998 or earlier. Preference will be given to candidates in Algebra/Arithmetic or Topology, but applications from all areas of Pure Mathematics are welcome.

The initial appointment is for three years, with the possibility of renewal for an additional three years. In addition to research, the duties include active participation in the teaching for students of mathematics and the natural sciences.

Candidates are expected to have demonstrated outstanding research potential, and to carry out independent research.

To apply, submit a *curriculum vitae*, a list of publications, a summary of current research plans, and a few selected articles, and ask three people to send letters of recommendation.

This material should arrive at the Dekanat der Philosophischen Fakultät II, University of Zurich, Winterthurerstrasse 190, CH-8057 Zurich, Switzerland, before **31 December 1997**.

ISAAC NEWTON INSTITUTE FOR MATHEMATICAL SCIENCES

Arithmetic Geometry Workshop

The following workshops will take place during the Newton Institute programme on Arithmetic Geometry, whose organisers are J-L Colliot-Thelene, J Nekovar and C Soule. Further details and application forms can be found on WWW at http://www.newton. cam.ac.uk/programs/amg ws.html

Arithmetic of Algebraic Cycles and Motivic Cohomology, 23 - 28 February 1998

Organizers: J-L Colliot-Thelene and U Jannsen

Among the topics to be addressed are:

- Motivic cohomology
- Computations of Chow groups over various base fields
- Some aspects of higher class field theory

Participants will include: (* to be confirmed): S Bloch, J L Brylinski*, L Clozel, H Esnault*, I Fesenko, O Gabber, M Hanamura*, K Künnemann, Ph Gille, H Gillet, B Kahn, A Langer, R Laterveer, F Morel*, J Murre, J Nekovar, R Parimala, A N Parshin, B Perrin-Riou, E Peyre, I A Panin, B Poonen, W Raskind*, M Rost, Shuji Saito, P Salberger, C Schoen*, A J Scholl, A N Skorobogatov, C Soule, M Spiess, V Srinivas, R Sujatha, V Suresh, Sir Peter Swinnerton-Dyer, B Totaro, V Voevodsky

Applications to be sent to: J-L Colliot-Thelene, Departement de Mathématiques, Universite Paris-Sud, Bat. 425, 91405 Orsay Cedex, FRANCE e-mail: colliot@math.u-psud.fr. Closing date for applications: **15 November 1997**.

EC Summer School - Part I: Instructional Conference: Current Trends in Arithmetical Algebraic Geometry, 23 -28 March 1998

Organisers: J-L Colliot-Thelene (Orsay), J Nekovar (Cambridge), C Soule (IHES) This meeting comprises an advanced school that presents an account of several aspects of arithmetical algebraic geometry, including special values of L-functions, theory of motives and the study of rational points on varieties over number fields. The school is aimed at advanced graduate students, postdoctoral fellows and researchers. The core of the meeting will consist of four series of lectures.

Lecturers:

- A B Goncharov (Brown) Polylogarithms, motivic complexes and values of L-functions
- M Nakamaye (Harvard) Diophantine Approximation on Algebraic Varieties
- P Salberger (Göteborg) Manin's conjectures on rational points of bounded height
- V Voevodsky (Northwestern) Motivic homotopy theory

Grants: The conference is supported by a grant from the European Community which will provide funding towards the registration, travel and subsistence costs of selected young (under 35 years) participants. Applications from women and anyone living in Greece, Ireland and Portugal and other less favoured regions of the European Community are particularly encouraged.

Other limited funds exist for participants from outside the EC. Please see WWW for details. Self-supporting applicants of any age and nationality are welcome.

Applications: The workshop will take place at the Newton Institute and accommodation for participants will be provided at Wolfson Court, adjacent to the Institute. The conference package costs £280 for one week and £520 for two weeks, which includes registration fees, accommodation, breakfast and evening meals plus lunch and refreshments during the days that lectures take place. Completed application forms should be sent to Heather Dawson at the address below, or via e-mail to h.dawson@newton.cam.ac.uk. Closing date for applications: **30 November 1997**. **EC Summer School - Part II: Rational Points**, 30 March - 4 April 1998 Organisers: J-L Colliot-Thelene, Professor Sir Peter Swinnerton-Dyer

The aim of the workshop is to give participants a global view of what is known and what is to be expected of rational points (over global fields), depending on the place of varieties in the geometric classification. Among the topics we plan to address are the following: rational points on curves of higher genus; varieties of general type; pencils of curves of genus one; points of bounded height on Fano varieties; the Brauer-Manin obstruction.

Participants will include (* to be confirmed): D Abramovich, B Birch, S Bloch, A Buium, G Faltings *, D R Heath-Brown, J Kollár *, L Merel, J-F Mestre, P Salberger, N I Shepherd-Barron, J Silverman *, A N Skorobogatov, Y Tschinkel, P Vojta, J F Voloch *.

See Part I above for grant details and applications. Completed application forms should be sent to Heather Dawson at the address below, or via e-mail to h.dawson@newton.cam.ac.uk. Closing date for applications: **30 November 1997**.

Arakelov Theory, Values of L-Functions 29 June to 3 July 1998 Organisers: J Nekovar and C Soule Among the topics to be addressed are:

- The Gross-Zagier formula and its generalizations
- Regulators
- Diophantine approximation
- Arakelov geometry.

Participants will include: J-B Bost, C Deninger, H Gillet, A B Goncharov, M Harris, S Kudla, K Künnemann, M McQuillan, A Moriwaki, A N Parshin, B Perrin-Riou, P Salberger, N Schappacher, A J Scholl, Yu Tschinkel, P Vojta, S Zhang.

Applications to be sent to: Heather Dawson, Isaac Newton Institute, 20 Clarkson Road, Cambridge CB3 0EH, UK e-mail: h.dawson@newton.cam.ac.uk. Closing date for applications: **31 March 1998**.

FOOD FOR THOUGHT

You might be interested in the following extract from an article in the 1997 Good Food Guide. The author is Brian Turner, who runs a highly rated restaurant in London and is chairman of the Culinary Academy of Great Britain:

"Even more discouraging is the fact that domestic science is no longer part of the curriculum: it has been replaced by something called 'food technology'. A student nowadays may be asked to design a colourful pizza or sandwich rather than create a cake from scratch. ... Food technology can be studied without any cooking taking place."

Sounds familiar, doesn't it?

Peter Saunders

COMPUTATIONAL ALGEBRA AND APPLICATIONS TO SEMIGROUP THEORY

A workshop on Computational Algebra and Applications to Semigroup Theory will be held from 17-21 November 1997 at the Centre de Algebra da Universidade de Lisboa. This workshop is dedicated to the study of two topics that are becoming essential in Semigroup Theory:

- 1. GAP (Groups, Algorithms and Programming) a system for computational discrete algebra. Invited speakers: N. Ruskuc (St Andrews University); G. Pfeiffer (University College Galway).
- Quasivarieties and Quasivarietes of Semigroups. Invited speakers: W. Dziobzak (University of Puerto Rico), M. Volkov (Ural State University, Russia).

For further information contact: Gracinda M.S. Gomes, Centro de Algebra, Av. Prof. Gama Pinto 2, 1699 Lisboa Codex, Portugal (e-mail: ggomes@alfl.cii.fc.ul.pt).



Three Professorships in Mathematics

The University intends to proceed to elections to the following three professorships, to be held in the Mathematical Institute, with effect from 1 October 1998 or such later date as may be arranged.

The University attaches the greatest importance to the election to these posts of persons of mathematical distinction who will be able to offer leadership in research, teaching, and academic policy-making.

Professorship of Mathematics and its Applications

The University welcomes applicants working in any area of applied mathematics but the primary aim is to elect an outstanding mathematician who would lead and direct research in the analysis and modelling of practical problems. While this clearly covers a broad range, applications would be particularly welcome from those working in areas such as industry, commerce, communications or the biological sciences, which would strengthen existing groups already working in the Mathematical Institute.

A non-stipendiary professorial fellowship at Mansfield College is attached to this newly-established professorship.

Rouse Ball Professorship of Mathematics

The professor will succeed Sir Roger Penrose, FRS, who retires on 30 September 1998. It is hoped to appoint to the chair a mathematician who applies modern mathematical ideas and techniques to the study of one or more aspects of the physical sciences. Such a person will be most effective if he or she can communicate and interact with both pure mathematicians and experimentalists, and thus create a bridge between current mathematical thought and significant problems of the physical world. Applicants should therefore be in the field of Physical Applied Mathematics in the widest possible sense.

A non-stipendiary professorial fellowship at Wadham College is attached to the Rouse Ball Professorship.

Professorship of Pure Mathematics

The professor will succeed Professor BJ Birch, FRS, who holds a personal chair in Arithmetic and is due to retire in September 1998. The University welcomes applicants from any area of Pure Mathematics, but will keep particularly in mind the desirability of enhancing Oxford's and the UK's contributions to analysis.

A non-stipendiary professorial fellowship at Worcester College is attached to this professorship.

Applications (ten copies, or one only from overseas candidates), naming three persons who have agreed to act as referees on this occasion, should be received not later than 24 November 1997 by the Registrar, University Offices, Wellington Square, Oxford OX1 2JD, from whom further particulars of each professorship may be obtained. A separate application is required for each post.

The University is an Equal Opportunities Employer.

EPSRC MATHEMATICS PROGRAMME

Grants awarded since December 1996 AITKEN, C G G, EDINBURGH Prediction ot Aggregates From Individual	£6k
Samples ANDERSON, J W, SOUTHAMPTON Boundaries of Deformation Spaces	£2k
of Kleinian Groups APPLEBAUM, D B, NOTTINGHAM Probability - Theory and Applica-	£3.7k
tions (Workshop) ASHWIN, P B, SURREY Heteroclinic Behaviour In Coupled Cell Net-	£1.2k
Works ATKINSON, M D, ST ANDREWS Abstract Data Types and Closed	£5k
Classes of Permutation BAKER, C T, MANCHESTER Numerical Strategies for Delay and Vol-	£74k
terra Differential Algebraic Equations BALL, F G, NOTTINGHAM Stochastic Modelling and Statistical In- ference for Epidemics Among Populations Divided into Households	£118k
BARRETT, J W, NOTTINGHAM State Sum Models for Topological In-	£0.7k
variants BROOKS, S P, BRISTOL Adaptive Markov Chain Monte Carlo Methods for Statistical Modelling	£53k
BROOMHEAD , D S, UMIST Dynamics of the Low to High Confinement Mode Transition and Edge Localised Modes in Tokamaks	£36k
BROWN, B M , CARDIFF Third Gregynog Workshop on Computational and Analytical Problems in Spectral Theory	£21k
BRZEZNIAK , Z , HULL Equations of Fluid Mechanics and Quantum Physics, Properties of Transition Semigroups	£4k
BRZEZNIAK, Z, HULL Stochastic Evolution Equations CHAPLAIN, M A, DUNDEE Biological Networks: Form, Function and	£1.7k £88.5k
Heterogeneity COHEN, S D, GLASGOW Groups and Bivariate Factorisation in Positive	£2k
Characteristic COLLINS, M J, OXFORD Modular Group Algebras; Their Representa-	£17.5k
tions and Cohomology CONSTANDA, C, STRATHCLYDE Dynamic Problems in the Theory of	£5.6k
Bending of Elastic Plates with Transverse Shear Deformation COOPER, S B, LEEDS Model Theory Extended and Applied to Recursion	£2k
Theory CRIGHTON, D G, CAMBRIDGE Theoretical Studies of Wave Scattering	£12k
and Stokes Flow CROWDER, M J, SURREY Modelling and Analysis of Degradation Data DAVIES, E B, KINGS COLLEGE Instructional Conference in Spectral	£120k £12k
Theory and Geometry DIGGLE, P J, LANCASTER Modelling, Recursive Estimation and Predic-	£71.9k
tion of Space-Time Data DIGGLE, PJ, LANCASTER Model-Based Geostatistics DODSON, C T J, UMIST New Simulation and Classification of Stochas-	£102 k £3k
tic Planar Structures DODSON, M M, YORK Metric Diophantine Approximation and	£3k
Dynamical Systems DOLD, J W, UMIST Moving Boundaries with Non-Monotonic Curvature - Dependent Propagation Speed	£57k

DORLAS, T C, SWANSEA Path Integrals and Distributions of Infinite	£1.4k
Dimensional Spaces DOWKER, H F, ICSTM Quantum Gravity: From the Continuous to the	£4k
Discrete	0.71
DRAZIN, PG, BRISTOL Bifurcation and Instability of Non-Parallel Flows	£7k
DUNWOODY, MJ, SOUTHAMPTON The Eilenberg-Ganea Conjecture	£2.7k
DUNWOODY, M J, SOUTHAMPTON Finiteness Conditions on Groups	£8k
and Cube Complexes	
EDMUNDS, D E, SUSSEX Integral Operators, Embeddings and Entropy	£3.6k
Numbers	
ETHERIDGE, A M, QMWC Stochastic Processes in Spatially Continuous	£121k
Populations - Applications in Evolution and Ecology	
FESENKO, I B, NOTTINGHAM P-Acid Cohomologies	£6k
FITT, A D, SOUTHAMPTON The stability of Two Phase Annular Flow	£1.7k
GILBERT, N D, HERIOT-WATT Cockcroft Properties of Non-Hopfian	£6.9k
Groups	20.71
GILLESPIE, T A, EDINBURGH Haar Multipliers, Paraproducts, and	£2.2k
Matrix Weights	12.2K
	C25 01.
GRAHAM, I G, BATH Parallel Methods for Elliptic Partial Differential	£35.8k
Equations on Unstructured Grids	000.01
GREGORY, R, DURHAM An Investigation of Instabilities of Extended	£80.3k
Objects in Higher Dimensional Spacetimes	
GRIFFITHS, J B, LOUGHBOROUGH Exact Gravitational Waves with	£1.3k
Distinct Wavefronts	
GRIGOR'YAN, A, ICSTM Heat Kernel Estimates on Riemannian	£6k
Manifolds	
HAYMAN, WK, ICSTM Meromorphic Functions and Dynamics	£34k
HOWIE, J, HERIOT-WATT Computational and Geometric Aspects of	£25k
Modern Algebra	
HUDSON, R L, NOTTINGHAM Applications of Quantum Stochastic	£2.4k
Calculus to Quantisation and Supersymmetry	
KENDALL, W S, WARWICK Perfect Simulation in Stochastic Geometry	£115k
KNOPS, R J, HERIOT-WATT International Centre for Mathematical	£19k
Sciences: Support for Administrative Costs of Scientific Programme	
KOBBACY, K A H, SALFORD Realistic modelling of Preventive Main-	£3k
tenance	
KURYLEV, Y V, LOUGHBOROUGH Moments Method in the Multi-	£2.6k
dimensional Inverse Boundary Value problem for the Heat Equation	A2.0R
LAI, C H, GREENWICH Applications of Quasi-Newton Methods in the	£4k
Coupling Subproblems in Domain Decomposition	LTK
LAI, C H, GREENWICH Domain Decomposition Methods for Partial Dif-	£23k
ferential Equations	LZJK
LEARY, I J, SOUTHAMPTON Torsion and Finiteness Conditions in	£48k
Group Cohomology	L40K
LEDFORD, A W, SURREY Modelling Extreme Events for Multivariate	C2 (1
and Temporal Processes	£3.6k
IFVESTEV I LEICESTER Approvimation on sub-	CO1.
LEVESLEY, J, LEICESTER Approximation on spheres	£8k
LEWIS, C E, UMIST Moving Boundaries and Nonlinear Waves Modelling	£73k
the Role of P53 In Tumour Growth	01001
LIGHT, W A, LEICESTER Approximation Problems Arising in Geodesy	£108k
and Earth Observation Science	0101
LINNEY, A D, LONDON Regression and Evolution of Shape with Ap-	£18k

plication to Facial Modelling	0.01
LYONS, T J, ICSTM Stochastic Area on Fractals	£3k
LYONS, T J, ICSTM Symmetric Processes in Inhomogeneous Domains	£7.2k
MARDIA, K V, LEEDS Regression and Evolution of Shape with Applica-	£122k
tion to Facial Modelling	C101.
MOLCHANOV, I S, GLASGOW ICMS Workshop - Random Sets and	£10k
Their Applications	CO 01.
NASON, G P, BRISTOL Stochastic Time-Scale Analysis Using Wavelets	£2.3k
NAZAROV, M L, YORK Capelli Identities for Classical Lie Algebras	£5.5k £7.5k
NELDER, J A, ICSTM Developments in Hierarchical Generalised Linear	L/.JK
Models (HGLMS)	£74k
NEWELL, A C, WARWICK New Ideas to Improve Semiconductor Laser	
Efficiency: Competition Between Nonlinearity and Randomness NIIHOFF, F, LEEDS Factorisation Problems for Multivariable Special	£52k
	LUZK
Functions OGDEN, R W, GLASGOW Nonlinear Elastic Stress Analysis and Stability	£127k
of Rubber Components PARTINGTON, I R, LEEDS Applications of Operator Theory to the	£114k
Modelling of Linear	2
PIPER, F C, ROYAL HOLLOWAY Discrete Logarithms in Elliptic Curve	£3.5k
Groups	
POLLICOTT, M, MANCHESTER Decay of Correlations for Chaotic	£66k
Flows	
PRESSLEY, A N, KINGS COLLEGE Quantum Groups; Their Representa-	£116k
tions and Role as Quantum Symmetry Algebras in Physical Field Theories	
PREST, MY, MANCHESTER Model Theory of Modules and Pure Injec-	£4.8k
tive Modules Over the First Weyl Algebra and Over Prufer Rings	
PRITCHARD, A.J, WARWICK Stochastic H00	£8k
RANICKI, A A, EDINBURGH Homology Manifold Transfersality	£1.6k
ROBERTS, R M, WARWICK Nonlinear Dynamics and Spectra of	£119k
Molecules	0.51
ROBERTS R M, WARWICK Relative Equilibria of Point Vortices on a	£7k
Sphere	C1 01
ROBERTS, R M, WARWICK Relative Equilibria and Dynamics of Sym-	£1.3k
metric Hamiltonian Systems	071.
ROBINSON, D C, KINGS COLLEGE Bundles of Null Directions for	£7k
Einstein Space-Times	£1.8k
ROBSON, J.C., LEEDS Modules over Hereditary Noetherian Rings	£8k
ROGERS, L C G, BATH Beyond Risk-Neutral Pricing: Markovian Models	LOK
with Transactions Costs	£4k
SERIES, C, WARWICK Pleating Coordinates for Kleinian Groups	£96.7k
SEWELL, M J, READING Applications of Rearrangement Theory to the	270.7 K
Evolution of Weather Systems SHACKELL, J. R, KENT Links: Computer Algebra, Programming Lan-	£1.6k
SHACKELL, J. K. KENT LINKS. Computer rigeora, riogramming Lan	41.101
guages, Number Theory SMYSHLYAEV, V P, BATH Mathematical Models of Heterogeneous	£6k
Media	
STARK, J, UCL Embedding and Reconstruction for Spatio-Temporal	£81.7k
Time Series	
STONEHEWER, SE, WARWICK Products of Finite Nilpotent Groups	£8k
STRACHAN, I A B, HULL The Geometry of Dispersive and Dispersion-	£51 k
less Integrable Systems	

TAN, L , WARWICK Hyperbolic Rational Maps and Their Bifurcations TAWN, I A , LANCASTER Modelling Extreme Events for Multivariate and Temporal Processes	£27k £101 k
TAYLOR , M J, UMIST Tame Actions on Arithmetic Schemes TITTERINGTON , D M, GLASGOW Statistical Learning Methodology in Neural Computing Problems	£3k £130k
TOURIGNY , Y J M , BRISTOL Moving Mesh Multilevel Methods for Partial Differential Equations	£43k
VAN STRIEN, S, WARWICK Dynamic and Stability of Non Hyperbolic Systems	£121.7k
VASSILICOS, I C, CAMBRIDGE Small-Scale Structure of Turbulence: Numerical Simulations on Ralis Cray Y-MP8 Comp	uter Time
VAUGHAN, R C, ICSTM The Distribution of Sequences	£14.7k
VAUGHAN-LEE, M R, OXFORD Applications of Computers to Ques- tions Like Those of Burnside	£2.5k
WAINER, S S, LEEDS Proof Theory and Arithmetical Independence Results	£8k
WATSON, G A, DUNDEE An Investigation of the Phenomenon of Convexification of Non-Convex Estimators	£1.2k
WHITEHEAD, J R, READING The Optimal Design of Drug Screening Trials	£5k
WILLIS, J R, CAMBRIDGE Studies of Stability For Propagating Cracks	£126k
WOODALL, D R,, NOTTINGHAM Graph Colourings and Embeddings	£26k
YAO, Q, KENT Minimum Volume Sets Approach to Nonlinear Prediction	£2k
YOUNG, N J, NEWCASTLE Low Degree Uniform Approximations of Matrix-Valued Functions	£2k
ZEGARLINSKI , B , ICSTM Spectral Analysis of Hypercontractive Markov Semigroups	£2k
ZEGARLINSKI, B, ICSTM Analysis of Infinite Dimensional Diffusions	£40k

SEMINARIE DE MATHEMATIQUES SUPERIEURES NATO Advanced Study Institute

A seminar on Nonlinear Analysis, Differential Equations and Control will be held at the Université de Montréal from 27 July - 7 August 1998. The seminar is held with the support of NATO, and the Université de Montréal. The principal speakers are N. Barron (Loyola of Chicago), J. Borwein (Simon Fraser), G. Buttazo (Pisa), F.H. Clarke (Lyon), J.-M. Coron (Paris XI), R. Deville (Bordeaux), A. Ioffe (Technion), Y. Ledyaev (Steklov), E. Pardoux (Provence), M. Soner (Carnegie-Mellon, E. Sontag (Rutgers), R. Stern (Concordia).

Partial financial assistance will be available. Priority will be given to graduate students. Requests for participation and financial assistance must be received before 13th March 1998. Further information is available from G. David, Coordinator SMS, Department of Mathematics & Statistics, Université de Montréal, CP 6128-Centre-ville, Montréal, (Qc), Canada H3C 3J7, fax (514) 343 5700, http://www.dms.unmntreal.ca.

NEW ZEALAND MATHEMATICS COLLOQUIUM

The 1998 New Zealand Mathematics Colloquium will be held on 5-9 July 1998 at the Victoria Institute of Wellington, New Zealand. For further information contact Dr Peter Donelan, School of Mathematical and Computing Sciences, Victoria University of Wellington, PO Box 600, Wellington, New Zealand (e-mail: Peter.Donelan@vuw.ac.nz). There is a Colloquium web page (http://cantor.math.vuw.ac.nz:1998/).



O. VEBLEN Honorary Member 1939

DIARY

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.

NOVEMBER 1997

5 Lancelot Hogben Symposium, Birmingham University (252)

14 Edinburgh Mathematical Society Meeting, Glasgow University (252)
21 London Mathematical Society, Annual General Meeting, London

DECEMBER 1997

8-12 Moment Maps and Quantization Workshop, Warwick University

12 Edinburgh Mathematical Society Meeting, Heriot-Watt University (252) 13-17 European Women in Mathematics 8th General Meeting, ICTP, Trieste, Italy (244)

15-19 Bayesian Methods in Neural Computing Conference, Isaac Newton Institute, Cambridge (252)

JANUARY 1998

16 Edinburgh Mathematical Society Meeting, Edinburgh University (252)

FEBRUARY 1998

9-13 Hyperbolic Problems Theory, Numerics, Application Conference, ETH Zurich, Switzerland (246)
13 Edinburgh Mathematical Society Meeting, Edinburgh University (252)
20-21 Two-day London Mathematical Society Meeting, University of Southampton - Hyperbolic Geometry

MARCH 1998

13 Edinburgh Mathematical Society Meeting, Dundee University (252)
31-3 Apr Computational Fluid Dynamics Conference, Oxford University (252)

APRIL 1998

6-9 British Mathematical Colloquium, Manchester University

6-9 British Applied Mathematics Colloquium, Brunel University

20-24 LMS Invited Lectures, Exeter University, Professor D. Zagier

20-24 Probability: Theory and Applications Workshop, Nottingham Trent University (252)

MAY 1998

8 Edinburgh Mathematical Society Meeting, Aberdeen University (252) 22-23 London Mathematical Society and Irish Mathematical Society Joint Meeting on Complex Analysis and Dynamical Systems, London

JUNE 1998

5 Edinburgh Mathematical Society Meeting, St Andrews University (252) 22-27 European Consortium for Mathematics in Industry (ECMI 98), Göteborg, Sweden (252)

AUGUST 1998

18-28 International Congress of Mathematicians, Berlin, Germany (238) (242) (253)

30-5 Sep Algebraic Number Theory and Diophantine Analysis Conference, Graz, Austria (249)

JULY 1999

5-9 International Congress of Industrial and Applied Mathematics (ICIAM 99), Edinburgh (252)

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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