

# **LONDON MATHEMATICAL SOCIETY**

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**PROFESSOR A. BAERNSTEIN**  
(Maryland and Imperial)

## **MAXIMAL FUNCTIONS IN COMPLEX ANALYSIS**

**PROFESSOR J. MOSER**  
(Courant Institute)  
The 1977 Hardy Lecture

## **DIFFERENTIAL EQUATIONS CONNECTED WITH ISOSPECTRAL DEFORMATIONS OF LINEAR OPERATORS**

**FRIDAY 17 JUNE 1977, at 3.30 p.m.**

**Geological Society's Meeting Room,  
Burlington House,  
Piccadilly, London W1V OJU**

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

# LMS NEWSLETTER

No. 40

June 1977

## DATES OF SOCIETY MEETINGS

Friday, 20 May 1977, University College, Bangor.

Friday, 17 June 1977, Burlington House, Professor J. K. Moser (Hardy Lecturer) and Professor A. Baernstein.

Friday, 21 October 1977, Burlington House.

Friday, 18 November, Burlington House, Annual General Meeting.

Friday/Saturday, 16/17 December 1977, Trinity College, Cambridge, Hardy Centenary Meeting.

Friday, 20 January 1978, Burlington

House.

Friday, 17 March 1978, Burlington House.

Friday/Saturday, 19/20 May 1978, Gregynog, Powys, weekend meeting.

Friday, 16 June 1978, Burlington House, Whitehead meeting.

London meetings will be held in the Geological Society's Rooms, Burlington House, Piccadilly. Council meetings will be held in conjunction with all the above London meetings and the meeting at Bangor. Council will also meet on 12 May 1978.

D. B. SINGMASTER

## L.M.S. LOCAL REPRESENTATIVES

Aberdeen	Dr. I. G. Craw	City of London Polytechnic	Dr. M. G. Smith
Bath	Dr. R. Mitchell	Polytechnic of North London	Dr. T. Harris
Belfast	Dr. D. H. Armitage	Polytechnic of the South Bank	Dr. D. Singmaster
Birmingham	Dr. A. H. M. Hoare	Manchester UMIST	Dr. R. M. Bryant
Bradford	Dr. W. J. Robinson	Newcastle upon Tyne	Professor B. E. Johnson
Bristol	Dr. M. Slater	Nottingham	Dr. R. R. Laxton
Cambridge	Dr. J. E. Roseblade	The Open University	Dr. R. J. Wilson
Dundee	Professor W. N. Everitt	Oxford	Dr. E. G. Rees
Durham	Dr. L. M. Woodward	Reading	Professor J. D. M. Wright
Edinburgh	Dr. T. H. Lenagan	St. Andrews	Dr. M. J. Beetham
Exeter	Dr. R. W. K. Odoni	Salford	Dr. L. R. Fletcher
Glasgow	Professor W. D. Munn	Sheffield University	Dr. R. Y. Sharp
Hull	Dr. J. Wallington	Sheffield Polytechnic	Dr. H. Porteous
Kent	Dr. J. R. Merriman	Southampton	Dr. D. Kirby
Lancaster	Mr. G. H. Bailey	Stirling	Dr. R. M. F. Moss
Leeds	Dr. J. F. Bowers	Surrey	Dr. A. D. Keedwell
Leicester	Dr. J. F. Watterson	Sussex	Dr. J. W. P. Hirschfeld
Liverpool	Dr. P. J. Giblin	The New University of Ulster	Dr. P. McGill
London Colleges:		Wales:	
Bedford	Dr. W. A. Hodges	Aberystwyth	Dr. F. W. Long
Birkbeck	Dr. S. M. Ginn	Bangor	Professor R. Brown
Chelsea	Dr. D. Charlton	Cardiff	Dr. C. H. Houghton
Imperial	Dr. M. Keating	Swansea	Dr. H. P. Rogosinski
King's	Dr. J. Silvester	Warwick	Dr. C. R. Hajarnavis
LSE	Dr. E. Boardman	York	Dr. J. B. Fountain
Queen Elizabeth	Dr. D. A. Brannan		
Queen Mary	Dr. C. R. Leedham-Green		
Royal Holloway	Dr. G. De Barra		
University	Dr. P. McMullen		
Westfield	Dr. N. H. Bingham		
City University	Dr. T. E. Stanley		
Polytechnic of Central London	Dr. D. J. Emery		

Anyone wishing to represent an institution not on this list is requested to write to me.

A. W. GOLDIE

## BRITISH MATHEMATICAL COLLOQUIUM

The dates and locations for the next three years are

Lancaster

4-8 April, 1978

University College, London

3-7 April 1979

Sheffield

8-12 April 1980

## VISITING MATHEMATICIANS

The following mathematicians are expected to visit Britain. The list does not include names on the list in the September and December *Newsletters*. A new list will appear in September and the editor will be grateful to anyone sending him information concerning mathematicians visiting this country during the academic year 1977-78.

<i>Name and Home University</i>	<i>Visiting</i>	<i>Dates of Visit</i>
A. Amidi (Jundi Shapur, Iran)	Bath	July-Sept. 77
K. Baluja (Delhi)	Royal Holloway	April-July 77
L. T. M. Berry (Adelaide)	Edinburgh	Jan.-Dec. 77
M. Bottai (Pisa)	Bath	Oct. 77-May 78
L. Eggan (Normal, Illinois)	Royal Holloway	April-July 77
S. Fiorini (Malta)	Open	April-Sept. 77
H. Levy (Ortega)	King's, London	April-July 77
A. Tancic (Beograd)	Belfast	Jan.-Dec. 77
R. Villella Bressan (Lecce)	Oxford	Feb.-July 77
P. C. Wagener (Fort Hare)	King's, London	April-July 77
S. Weintraub (Louisiana State)	Oxford	June-Aug. 77
A. T. White (West Michigan)	Royal Holloway	July 77-July 78

## INTERNATIONAL STATISTICAL NEWSLETTER

The International Statistical Institute, the Bernoulli Society, the International Association of Survey Statisticians and the International Association for Regional and Urban Statistics are jointly producing a newsletter "International Statistical Information" which will be published three

times a year and distributed to their members. The European Statistical Newsletter will be discontinued. The editorial address of the new publication is that of the International Statistical Institute, 428 Prinses Beatrixlaan, Voorburg, Netherlands.

## SURGERY, HOMOTOPY AND GROUP ACTIONS

The London Mathematical Society is sponsoring a mini-conference on "Surgery, Homotopy and Group Actions" at the University of Newcastle upon Tyne during 17-23 July 1977. Professor R. E. Schultz (Purdue) will give a series of lectures on "Applications of Surgery and Homotopy

## AND GROUP ACTIONS

Theory to Differentiable Group Actions". Other talks will also be given by participants. Further information may be obtained from Dr. Czes Kosniowski, School of Mathematics, University of Newcastle upon Tyne, Newcastle upon Tyne NE1 7RU.

## INTERNATIONAL SYMPOSIUM ON FUNCTIONAL ANALYSIS

An international symposium on Functional Analysis and its Applications will be held on 25 June-2 July 1977, at the University of Ibadan, Nigeria. There will be a programme of invited talks and short communications. The invited speakers are M. Akkar (Rabat), G. R. Allan (Leeds), M. Ajtai (Budapest), J. Bognar (Budapest), F. Cardoso (Pernambuco), M. De Wilde

(Liège), J. A. Donaldson (Washington), S. O. Iyahen (Benin), I. Miyadera (Tokyo), T. Owusu-Ansah (Kumasi), A. Pelczynski (Warsaw), T. Poulsen (Aarhus), C. O. A. Sowunmi (Ibadan), T. T. West (Dublin), W. Zelazko (Warsaw). Further details can be obtained from V. A. Babalola, Department of Mathematics, The University, Ibadan, Nigeria.

## SÉMINAIRE DE MATHÉMATIQUES SUPÉRIEURES

The sixteenth session, on analysis and probability theory, will take place on 20 June-15 July at the Université de Montréal. The following courses will be given: S. Dubuc (Montréal), Problèmes d'optimisation en calcul des probabilités; C. Herz (McGill), Intégrales stochastiques générales; S. Karlin (Stanford), Majorization and related convexity inequalities with applications in probability and statistics; G. Letac (Toulouse), Résultants récents

sur les chaînes discrètes de Markov; P. Malliavin, (Paris), Géométrie différentielle stochastique; G. C. Papanicolaou (Courant Institute), Comportement asymptotique des équations différentielles stochastiques.

Further details can be obtained from the seminar, Département de mathématiques, Université de Montréal, Montréal, Qué., Canada, H3C 3J7

## C.I.M.E. SUMMER CENTRE: ALGEBRAIC SURFACES

The Centro Internazionale Matematico Estivo will hold a session on Algebraic Surfaces in Cortona, Italy on 22–30 June 1977. The session will consist of two series of eight lectures each, one by A. Beauville (Paris), on complex algebraic surfaces and the other by E. Bombieri (Pisa), on

methods of algebraic geometry in characteristic  $p$ , together with a number of seminars. Further details can be obtained from the Secretary, C.I.M.E., Istituto Matematico, "U. Dini", Viale Morgagni, 67/A, 50134, Firenze, Italy.

## NONLINEAR EQUATIONS IN PHYSICS AND MATHEMATICS

An international advanced study institute on Nonlinear Equations in Physics and Mathematics sponsored by N.A.T.O. and the University of the Bosphorus will be held in Istanbul on 1–13 August 1977. Invited speakers include R. Anderson, H. Airault, A. O. Barut, R. L. Bowden, R. Bulloch, P. B. Burt, K. Case, F. Calagero,

L. Castell, P. C. Caudrey, S. Coleman, A. Degasperis, C. Eringen, L. Girardello, A. Neveu, A. L. Mason, D. W. McLaughlin, P. van Moerbeke.

Further details can be obtained from A. O. Barut, Department of Physics, University of Colorado, Boulder, Colorado, 80309, U.S.A.

## CONFERENCE ON STOCHASTIC PROCESSES

The seventh conference on Stochastic Processes and their Applications will be held in Enschede, Netherlands on 15–19 August 1977. Invited speakers are R. E. Barlow (Berkeley), A. Brandwajn (Paris), E. Cinlar (Evanston), E. B. Dynkin (Ithaca), J. Gani (Canberra), E. Gelenbe (Paris), N. Keiding (Copenhagen), H. Kesten (Ithaca), K. Krickeberg (Paris), P. A. Meyer (Strasbourg), J. W. Pitman (Cambridge), Yu.A. Rozanov (Moscow), M.

Rubinovitch (Haifa), A. J. Stam (Groningen), S. Stidham Jr. (Raleigh), M. Westcott (Canberra).

In addition there will be a number of contributed papers and a workshop on computer system modelling.

Further details can be obtained from the conference secretary, Department of Mathematics, Twente University of Technology, P.O. Box 217, Enschede, The Netherlands.

## SUMMER COURSES IN MATHEMATICS AT CORTONA

Several graduate courses will be held at the Scuola Normale Superiore, Cortona, sponsored by the Italian National Research Council. The first session, on 10 July–6 August 1977, will include courses on complex analysis, minimal surfaces and topics in commutative algebra. The second session, on 21 August–17 September, will include courses on numerical analysis,

nonlinear functional analysis and theoretical computer sciences. There will also be a programme of seminars. Some financial support might be available. Further details can be obtained from A. Figà-Talamanca, Scuola Matematica, Interuniversitaria, Via S. Marta 13/A 50139, Firenze, Italy.

## GRAPH THEORY AND RELATED TOPICS

A conference in honour of Professor W. T. Tutte, will be held at the University of Waterloo on 5–9 July 1977. There will be two instructional courses:— W. H. Tutte: The Graph Reconstruction Problem and L. Lovasz: Topological and Algebraic Methods in Graph Theory. There will also be a number of talks given by the following invited speakers: R. A. Bari, C. Berge, A. Bernhart, F. Bernhart,

N. Biggs, R. Bixby, W. G. Brown, P. Erdős, W. Haken, D. W. Hall, A. M. Hobbs, A. J. Hoffman, R. Laskar, C. St. J. A. Nash-Williams, R. Rado, D. K. Ray-Chaudhuri, G. N. Robertson, A. H. Stone, D. J. A. Welsh and H. S. Wilf.

Further details can be obtained from U. S. R. Murty, Department of Combinatorics, The University, Waterloo, Ontario, Canada N2L 3G1.