LONDON MATHEMATICAL SOCIETY

PROFESSOR T. F. BANCHOFF (Brown)

COMPUTER ANIMATION AND THE GEOMETRY OF SURFACES IN 3- AND 4-SPACE

PROFESSOR I. M. JAMES (Oxford)

THE 1978 WHITEHEAD LECTURE

ON THE LUSTERNIK–SCHNIREFLAMANN CATEGORY

Friday, 16 June, 1978, at 3 p.m.

Geological Society’s Meeting Room,
Burlington House,
Piccadilly, London W1V 0NL

Tea will be served at 4 p.m.
DATES OF SOCIETY MEETINGS

Friday, 16 June 1978, Burlington House, Whitehead meeting.
Friday, 13 October 1978, Burlington House.
Friday, 17 November 1978, Burlington House, Annual General Meeting and Presidential Address.
Friday, 19 January 1979, Newcastle, Joint meeting with E.M.S.
Friday, 16 March 1979, Burlington House, Naylor Lecture.
Friday, 18 May–Saturday, 19 May 1979, Birmingham.
Friday, 15 June 1979, Burlington House, Hardy Lecture.

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 meetings except that on 18 May 1979. Council will meet in London on 11 May 1979.

D. B. SINGMASTER

L.M.S. LOCAL REPRESENTATIVES

Aberdeen: Dr. I. G. Craw
Bath: Dr. R. Mitchell
Belfast: Dr. D. H. Armitage
Birmingham: Dr. A. H. M. Hoare
Bradford: Dr. W. J. Robinson
Bristol: Dr. M. Slater
Brunel: Miss A. Grubb
Cambridge: Dr. J. E. Roseblade
Dundee: Professor W. N. Everitt
Durham: Dr. L. M. Woodward
East Anglia: Professor G. C. Sheppard
Edinburgh: Dr. T. H. Lenagan
Exeter: Dr. R. W. K. Odoni
Glasgow: Professor W. D. Munn
Herriot-Watt: Dr. A. R. Prince
Hull: Dr. J. Wallington
Keele: Mr. R. M. Whitehouse
Kent: Dr. J. R. Merriman
Lancaster: Mr. G. H. Bailey
Leeds: Dr. J. F. Bowers
Leicester: Dr. J. F. Watters
Liverpool: Dr. P. J. Giblin
London Colleges:
  Bedford: Dr. W. A. Hodges
  Birkbeck: Dr. S. M. Ginn
  Chelsea: Dr. D. Charlton
  Imperial: Dr. M. Keating
  King’s: Dr. J. Silvester
  LSE: Dr. E. Boardman
  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
  City of London Polytechnic: Dr. M. G. Smith
  Polytechnic of North London: Dr. T. Harris
  Polytechnic of the South Bank: Dr. D. Singmaster
  Manchester: Professor B. Hartley
  Manchester UMIST: Dr. R. M. Bryant
  Newcastle upon Tyne: Professor B. E. Johnson
  The Open University: Dr. R. R. Laxton
  Oxford: Dr. E. G. Rees
  Reading: Professor J. D. M. Wright
  St. Andrews: Dr. M. J. Beetham
  Salford: Dr. L. R. Fletcher
  Sheffield University: Dr. R. Y. Sharp
  Sheffield Polytechnic: Dr. H. Porteous
  Southampton: Dr. D. Kirby
  Strathclyde: Dr. G. F. Roach
  Stirling: Dr. R. M. F. Moss
  Surrey: Dr. A. D. Keedwell
  Sussex: Dr. J. W. P. Hirschfield
  The New University of Ulster: Dr. P. McGill
  Wales:
    Aberystwyth: Dr. F. W. Long
    Bangor: Professor R. Brown
    Cardiff: Dr. C. H. Houghton
    Swansea: Dr. H. P. Rogosinski
    Warwick: Dr. C. R. Hajarnavis
    York: Dr. J. B. Fountain

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

A. W. GOLDSIE
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 1978–79.

<table>
<thead>
<tr>
<th>Name</th>
<th>Home University</th>
<th>Visiting</th>
<th>Date of Visit</th>
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<tbody>
<tr>
<td>W. Brisley</td>
<td>Newcastle, N.S.W.</td>
<td>Oxford</td>
<td>Jan.–Dec. 78</td>
</tr>
<tr>
<td>N. Cameron</td>
<td>Monash</td>
<td>Strathclyde</td>
<td>Aug.–Dec. 78</td>
</tr>
<tr>
<td>S. Debacker-Mathot</td>
<td>Louvain la Neuve</td>
<td>Glasgow</td>
<td>Jan.–April 79</td>
</tr>
<tr>
<td>H. G. Herbert</td>
<td>Western Australia</td>
<td>Aston</td>
<td>Jan.–Dec. 78</td>
</tr>
<tr>
<td>A. W. Sudbury</td>
<td>Monash</td>
<td>Sheffield</td>
<td>Jan.–Oct. 78</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Oxford</td>
<td>July–Dec. 78</td>
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CONFERENCE ON COMPLEX APPROXIMATION

A Conference on Complex Approximation will be held at the Université Laval, Québec on 3–8 July 1978. Lectures will be given by H. Alexander (Chicago Circle), B. Aupetit (Laval), J. Brennan (Kentucky), A.–M. Chollet (Paris-Sud), J.–P. Ferrier (Nancy), J. E. Fornaess (Princeton), W. H. Fuchs (Cornell), P. Gauthier (Montréal), L. A. Rubel (Illinois), J. A. Siddiqi (Laval), E.–L. Stout (Washington), B. M. Weinstock (Charlotte), J. Wermer (Brown).

Further details can be obtained from the Conference on Complex Approximation, Département de Mathématiques, Université Laval, Québec, G1K 7P4, Canada.

BOLYAI JÁNOS MATHEMATICAL SOCIETY

The Bolyai János Mathematical Society is organising the following colloquia in Hungary.

<table>
<thead>
<tr>
<th>Subject</th>
<th>Dates</th>
<th>Place</th>
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</thead>
<tbody>
<tr>
<td>Topology</td>
<td>7–12 August 1978</td>
<td>Budapest</td>
</tr>
<tr>
<td>Algebraic methods in graph theory</td>
<td>25–31 August 1978</td>
<td>Szeged</td>
</tr>
<tr>
<td>Point processes in queuing theory</td>
<td>4–8 September 1978</td>
<td>Keszthely</td>
</tr>
<tr>
<td>Mathematical logic in programming</td>
<td>10–15 September 1978</td>
<td>Debrecen</td>
</tr>
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Further details can be obtained from the Secretary of the Society, 1368 Budapest, P.O.B. 240, Hungary.

ADVANCED STUDY IN RING THEORY


COLLOQUIUM ON AUTOMATA, LANGUAGES AND PROGRAMMING

The Fifth International Colloquium on Automata, Languages and Programming sponsored by the European Association for Theoretical Computer Science will be held on 17–21 July 1978 at Udine, Italy. Topics are expected to include formal languages and automata theory, analysis and complexity of algorithms, semantics of programming languages and data bases, formal systems and models of data organisation and computation. Further details can be obtained from A. Petorossi, CSSCCA–CNR, Instituto di Automatica, Via Eudossiana, 18 Roma, Italy.

AUSTRALIAN COMBINATORIAL CONFERENCE

The Sixth Australian Conference on Combinatorial Mathematics will be held on 29 August–1 September in Armidale, New South Wales. Further details can be obtained from A. F. Horadam, Department of Mathematics, University of New England, Armidale, New South Wales.
Seven of the principal papers delivered at the Sixth British Combinatorial Conference in July 1977 are presented here. Each contributor has examined a particular area, resulting in a comprehensive survey of contemporary combinatorial theory. The articles combine reference material with the findings of recent research, many of which are hitherto unpublished. The prevailing themes—designs, graphs, matroids and projective space—demonstrate the unity of the subject, while its diversity is displayed by the inclusion of such topics as campanology, the golden ratio, parallelism, root systems and Ramanujan numbers.

The book will certainly enhance participants’ appreciation of the proceedings of the Sixth British Combinatorial Conference. Moreover, the fact that it is both a reference book and a collection of research reports will increase its value for researchers in combinatorial theory and for mathematicians in such related areas as topology and group theory, interested in recent developments in combinatorics.

Contents:
F. Buekenhout, What is a subspace?
P. J. Cameron, Extensions of designs: variations on a theme
L. Lovász, Flats in matroids and geometric graphs
D. K. Ray-Chaudhuri, Combinatorial characterization theorems for geometric incidence structures
N. J. A. Sloane, Binary codes, lattices and sphere-packings
A. T. White, Graphs of groups on surfaces
D. R. Woodall, Zeros of chromatic polynomials
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