

LMS NEWSLETTER

No. 34

December 1976

DATES OF SOCIETY MEETINGS

Friday, 14 January and Saturday, 15 January, Birmingham, Experimental two-day meeting.

Friday, 11 March, Burlington House.

Friday, 20 May, University College, Bangor.

Friday, 17 June, Burlington House. Hardy Lecturer (Professor J. K. Moser).

London meetings will be held in the Geological Society Rooms, Burlington House, Piccadilly. Council meetings will be held in conjunction with all the above meetings except those on 14-15 January and (possibly) 20 May. There will be a Council meeting on 21 January in Burlington House.

D. A. BRANNAN

TWO-DAY MEETING AT BIRMINGHAM

14-15 January 1977

PROVISIONAL TIME-TABLE

2.00 p.m.	Opening Session
2.15 p.m.	Special sessions (in parallel) (a) <i>Fuchsian and Kleinian groups</i> (b) <i>Graph theory</i> (c) <i>Mathematical Education</i>
3.30 p.m.	Tea
4.00 p.m.	Professor R. Osserman: <i>The strange disappearance of existence, uniqueness and regularity for the minimal surface equation.</i>
5.30 p.m.	Professor A. Douady: <i>New approaches to Teichmüller space.</i>
7.00 p.m.	Buffet.

SATURDAY

9.30 a.m.	One-hour lecture to be arranged.
11.30 a.m.	Professor I. G. Macdonald: title to be announced.
2.00-5.00 p.m.	Special sessions and informal discussion groups

Lectures will take place in the Watson Building, which will be signposted within the University grounds. Further details will appear in the January *Newsletter*.

Anyone who wishes to organise a discussion group or special session, please contact Dr. Philp (address below). Lecture room space will be kept in reserve for discus-

sion groups to be arranged on the spot.

The Buffet will cost £3, tickets for this must be paid for at least one week in advance. There will also be bar facilities available to all participants, in the lounge of Staff House on Friday evening. Cheaper meals can be obtained from restaurants within walking distance of the University.

EDITOR OF THE BULLETIN

Professor D. E. Edmunds (University of Sussex) will succeed Professor W. Ledermann as Editor of the *Bulletin of the L.M.S.* on

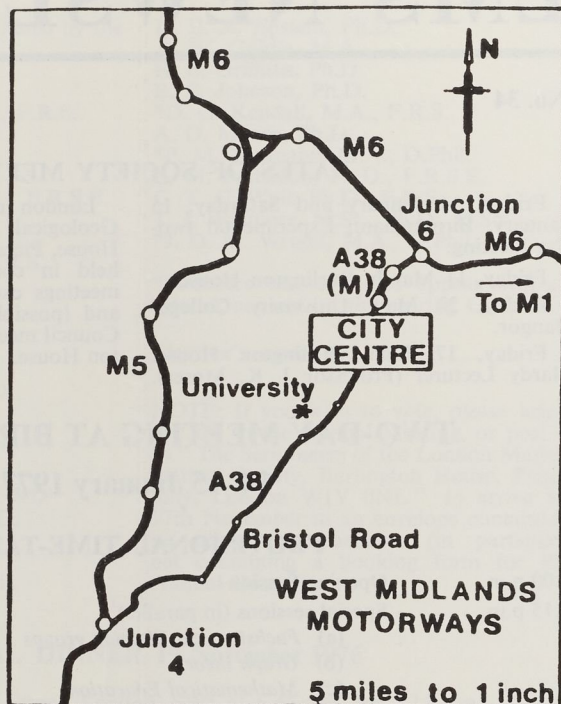
1 January 1977. Professor Ledermann has been Editor for three years.

TRAVEL INFORMATION

FOR MOTORWAY USERS

Approaching from the S on M1/M6 and from the NW on M6, leave M6 at Junction 6 'Spaghetti Junction', sign-posted Birmingham Central A38(M). Follow A38(M) 'Bristol and the SW' signs, continuing on A38 Bristol Road. The University is on your right, $2\frac{1}{2}$ miles from the City Centre.

Approaching from the SW, leave M5 at the A38 Junction 4. The University is on the left (N) of the A38 Bristol Road on the Selly Oak/Edgbaston border, approx. 8 miles from the motorway.



PUBLIC TRANSPORT

Train

Birmingham is at the heart of the Inter City network.

Coach

National coach services—including motorway services to London—operate to and from Birmingham.

Enquiries: Midland Red Coach and Bus Services 021-429 3030 and 021-643 4481.

Bus

Enquiries: West Midlands Transport 021-235 3517.

Buses Nos. 61, 62 and 63 travel from the terminus in Navigation Street (west of BR New Street Station) to the South gate of the University in Bristol Road and Griffin Close and the Manor House.

Taxi

There is a taxi rank at New Street Station: 021-634 2950, and others in the city centre Birmingham Taxi Cab Association: 021-440 2201.

HOTELS

The following hotels are conveniently situated and are expecting bookings from participants. For a more complete list or in the case of difficulty contact Dr. Philp. It is advisable to book early.

The Charlton, Wentsbury and Bristol

Court are within walking distance. The Cobden is on a convenient bus route (No. 21) to the University. The Albany is a 4* hotel in the City Centre. Prices as at time of going to press.

BRISTOL COURT HOTEL,
248-250, Bristol Road,
Edgbaston,
BIRMINGHAM B5 7SL
Tel.: 021-472 0078

29 rooms	singles	£5.00	} £10.00 + V.A.T.
	twins		
	doubles		

THE CHARLTON, 412 Bristol Road, Edgbaston, BIRMINGHAM 15	7 singles 7 twins	£3·80 per person V.A.T. included
---	----------------------	----------------------------------

COBDEN HOTEL, 166/172, Hagley Road, Edgbaston, BIRMINGHAM B16 9NZ Tel.: 021-454 6621	50 singles 10 twins, doubles	circa £5·00 circa £10·40
--	---------------------------------	-----------------------------

*WENTSBURY HOTEL, 21 Serpentine Road, Selly Park, BIRMINGHAM B29 7HU Tel.: 021-472 1258	6 twin rooms only.	£6·75
---	--------------------	-------

ALBANY HOTEL, Smallbrook Ringway, BIRMINGHAM B5 4EW Tel.: 021-455 8171	Many rooms	£13·50
---	------------	--------

*The Wentsbury has twin rooms only so preferably people should book in pairs however it is the closest to the University (2 mins. walk).

Please address all enquiries to: B. J. PHILP, Pure Mathematics Dept., University of Birmingham, P.O. Box 363, Birmingham B15 2TT.

ADMINISTRATIVE VACANCY

The Society's Administrator, Mrs. Shalit, will be retiring at Easter 1977, and enquiries would be welcomed from anyone who might be interested in succeeding her. The work involves general correspondence, looking after the Society's accounts and generally assisting the Officers of the Society

in the Society's office in Burlington House, London. The hours are somewhat flexible and salary to be negotiated. Further particulars may be obtained from Dr. D. A. Brannan, Mathematics Department, Queen Elizabeth College, Campden Hill Road, London W8 7AH.

SYMPOSIUM ON TOPOLOGY AND ITS APPLICATIONS

The Union of Mathematicians of Yugoslavia is organising the Third International Symposium on Topology and its Applications. This symposium will be held in

Belgrade, Yugoslavia on 29 August-2 September 1977. Further details can be obtained from Topoloski Simpozij Beograd, Yugoslavia, P.O. Box 791.

N.A.T.O. ADVANCED STUDY INSTITUTE ON REPRESENTATIONS OF LIE GROUPS

This Institute will be held on 5-17 Sept. 1977, and will provide lectures at an advanced level on recent developments in Lie groups and their representations. It is intended for young scientists who want to specialise in this field and for others who want to improve their knowledge. The programme of the Institute will consist of five 6 hour and five 2 hour courses by eminent specialists. In addition to these, some seminars will be devoted to discussions and research problems. The main language of the Institute will be English. It is hoped that lecturers will include R. BLATTNER (U.C.L.A.), M. FLATO (Dijon), H.

FURSTENBERT (Jerusalem), W. SCHMID (Columbia), J. SIMON (Dijon), P. TROMBI (U.C.L.A.), V. VARADARAJAN (U.C.L.A.), J. WOLF (Berkeley).

All lectures will be held at the Sart Tilman campus of the University of Liège, Belgium. A limited number of fellowships will be available to cover travel and living expenses. Attendance is limited to about 70 people. Further details can be obtained from: M. DE WILDE, Institut de Mathématique, Avenue des Tilleuls 15, B 4000 LIEGE (BELGIUM).

VISITING MATHEMATICIANS

The following mathematicians are expected to visit Britain. The list does not include names on the list in the September *Newsletter*. The next list will appear in June.

<i>Name and Home University</i>	<i>Visiting</i>	<i>Dates of Visit</i>
M. Adachi (Kyoto)	Warwick	Oct. 76–April 77
A. Adjlani (Paris)	Oxford	Spring 1977
R. S. Agarwal (Roorkee)	Dundee and Imperial College	Oct. 76–June 77
C. Allday (Hawaii)	Warwick	Oct. 76–June 77
A. Amidi (Ahwaz)	Bath	July–Sept. 77
A.-A. Anis (Cairo)	Lancaster	Oct. 76–June 77
S. Anthan (Maryland)	Edinburgh	May–July 77
R. Baer (Zurich)	Warwick	April 77
A. Baernstein (Washington)	Imperial College	June 76–June 77
J. Beidleman (Kentucky)	Warwick	May–June 77
M. Berger (Paris)	Warwick	June–July 77
T. Berger (Minnesota)	Warwick	March–July 77
J. W. Berry (Manitoba)	Leicester	Aug. 76–March 77
C. Bessaga (Warsaw)	Cambridge and Newcastle	May–June 77
P. E. Blanksby (Adelaide)	Cambridge	May 76–May 77
H. Blau (N. Illinois)	Warwick	Oct. 76–June 77
D. Blessenohl (Kiel)	Warwick	Feb.–March 77
R. Bott (Harvard)	Oxford	May–July 77
B. Brogan (Kase Western Reserve)	Warwick	Oct. 76–June 77
B. F. Bryant (Vanderbilt)	Cambridge	Oct. 76–June 77
H. Buhlmann (Zurich)	Cambridge	6 months, 76–77
K. Capell (Queensland)	E. Anglia	12 months
G. Chambers (Alberta)	Warwick	Oct. 76–June 77
J. Cheeger (S.U.N.Y.)	Warwick	Oct. 76
A. Christofides (Galway)	QMC, London	Oct. 76–Aug. 77
H. Cohn (U.S.A.)	Copenhagen	Sept. 76–Aug. 77
J. Cossey (Australian National)	Warwick	Nov. 76–June 77
E. V. Costa (Santiago)	Warwick	2 months
F. R. Crownfield (William and Mary)	St. Andrews	Sept. 76–May 77
M. Csorgo (Carlton)	Cambridge	Jan.–June 77
K. Doerk (Mainz)	Warwick	Feb.–March 77
J. Donig (Darmstadt)	Strathclyde	Oct. 76–June 77
P. W. Donovan (New South Wales)	Liverpool	Sept. 76–June 77
J. Douglas (Chicago)	Oxford	April–June 77
J. I. Dowling (Prince Edward Island)	Southampton	Sept. 76–Sept. 77
J. Duskin (S.U.N.Y.)	Sussex	Jan.–July 77
C. C. Elgor (Yorktown Hts.)	Bristol	Jan.–Feb. 77
T. Elmendorff (Chicago)	Cambridge	Oct. 76–June 77
K. Erdmann (Giessen)	Oxford	Sept. 76–Aug. 77
J. Ericksen (Johns Hopkins)	Edinburgh	Dec. 76–Jan. 77
L. Fearnley (Utah)	Warwick	Sept. 76–June 77
M. E. Fisher (Western Australia)	Sussex	Oct. 76–March 77
L. Fook (Malaysia)	Cambridge	Dec. 76–June 77
W. B. Fraser (Sydney)	East Anglia	12 months
B. Fuchssteiner (Paderborn)	Reading	May 77
J. C. Furtado-Coelho (Lisbon)	London	Oct. 76–July 77
W. Gaschütz (Kiel)	Warwick	Feb.–April 77
N. Giannico (Pisa)	Warwick	Jan.–March 77
P. Gilkey (Princeton)	Warwick	Oct. 76–June 77
A. Gleit (Massachusetts)	Cambridge	Jan.–June 77
K. R. Goodearl (Utah)	Leeds	Jan.–June 77
P. Greenwood (British Colombia)	Cambridge	Jan.–July 77
P. Griffiths (Harvard)	Warwick	April–May 77
F. Gross (Utah)	Warwick	April–June 77
M. E. Gurtin (Carnegie-Mellon)	Edinburgh	May 77

<i>Name and Home University</i>	<i>Visiting</i>	<i>Dates of Visit</i>
I. Guttman (Toronto)	London	Sept. 76-June 77
R. K. Guy (Calgary)	Cambridge	Sept. 76-June 77
M. Hall (Caltech)	Cambridge	Jan. 76-June 77
R. Hamilton (Cornell)	Warwick	Sept. 76-June 77
H. L. Hayward (Oregon)	Warwick	Jan.-June 77
Y. C. Ho (Harvard)	Imperial College	June-Sept. 77
A. M. Hobbs (Texas)	Cambridge	Sept. 76-June 77
F. Hofbauer (Vienna)	Warwick	Sept. 76-June 77
K. Househam (Cape Town)	Warwick	6 months
B. Huppert (Mainz)	Warwick	Feb.-April 77
M. Isaacs (Wisconsin)	Warwick	May-June 77
J. Isbell (S.U.N.Y.)	Sussex	Jan.-June 77
H. G. Jacob (Massachusetts)	Imperial College	Jan.-June 77
B. Johnson (Manitoba)	London	Sept. 76-July 77
W. Jones	Canterbury	Jan.-June 77
L. Jonker (Ontario)	Warwick	Sept. 76-June 77
D. C. Joyce (Massey)	Oxford	Jan.-Oct. 77
T. Kailath (Stanford)	Cambridge	May-June 77
T. Karacay (Ankara)	Liverpool	Sept. 76-June 77
H. B. Keynes (Minnesota)	Sussex	May 77
S. Kobayashi (California)	Warwick	April 77
J. Komorowski (Warsaw)	Warwick	Feb.-April 77
R. Kress (Göttingen)	Strathclyde	Oct. 76-Sept. 77
H. Kurzweil (Erlangen)	Warwick	March-April 77
H. Kushner (Brown)	London	Sept. 77-Jan. 78
M. Kwapsiz (Gdansk)	Aberdeen	April 77
J. Lehner (Pittsburg)	Birmingham	May 77
J. Loxton (New South Wales)	Cambridge	Jan. 76-June 77
A. K. Mal (California)	Bath	March-June 77
B. M. Manvel (Colorado)	Cambridge	Jan.-Aug. 77
J. E. Marsden (Berkeley)	Edinburgh	Feb.-Aug. 77
A. Methner (Delhi)	St. Andrews	Oct. 76-July 77
P. May (Chicago)	Cambridge	April-June 77
B. Mazlunoglu (Istanbul)	Imperial College	May 75-April 77
J. Mazur (Marlboro College)	Warwick	Jan.-June 77
W. Meier (Zurich)	Oxford	Sept. 76-June 77
E. Mielke (Kiel)	Oxford	Oct. 76-June 77
A. H. Money (Cape Town)	St. Andrews	Feb.-July 77
E. Moore (Newfoundland)	Dundee	Oct. 76-June 77
B. Morin (Strasbourg)	Warwick	June 77
J. Neukirch (Regensburg)	Cambridge	Aug. 76-March 77
I. Olkin (Stanford)	Westfield College	Oct. 76-Aug. 77
T. F. O'Malley (Berkeley)	London	Oct. 76-Oct. 77
R. Osserman (Stanford)	Belfast	Oct.-March 77
D. Passman (Wisconsin)	Warwick	Oct. 76-June 77
S. Patnaik (Indian Institute Tech.)	Warwick	Jan.-June 77
V. Patodi (Tata Institute)	Warwick	April-July 77
V. Pereyra (Caracas)	Oxford	June-Aug. 77
P. R. Rayment (Gippsland)	Open University	Dec. 75-Dec. 76
R. Reilly (California)	Warwick	Sept. 76-June 77
I. Reiner (Urbana)	Kings College	April-May 77
K. J. Revfeim (New Zealand)	London	
J. Sampson (Johns Hopkins)	Edinburgh	12 months
D. M. Schrader (Marquette)	Warwick	May 77
G. Seitz (Oregon)	Nottingham	July 76-Sept. 77
K. Sharpe (Melbourne)	Warwick	Jan.-June 77
A. Sharples (New Mexico Inst. of Mining and Technology)	Manchester	Jan.-Dec. 77
A. L. Sinfailam (Paris)	Manchester	Aug. 76-Aug. 77
I. Singer (M.I.T.)	Belfast	Sept. 76-Sept. 77
	Warwick	Jan.-March 77

Name and Home University
 R. A. Smith (Toronto)
 J. A. Snyman (Pretoria)
 M. K. Srivastava (Roorkee)
 H. Stetter (Institute für Numerische)
 P. J. Sullivan (Western Ontario)
 J. H. Swart (Natal)
 A. Tamaras (Athens)
 W. F. C. Taylor (Canterbury)

J. L. Teugels (Katholieke University)
 W. Tutte (Waterloo)
 S. Ullam (Urbana)

Y. C. Verdier (Paris)
 F. Verhulst (Utrecht)

C. Wake (Wellington)
 G. C. Wake (Victoria)
 R. B. Warfield (Washington)
 G. S. Watson (Princeton)
 E. J. Wegman (N. Carolina)
 C. R. B. Wright (Oregon)
 M. Zisman (Paris)

Visiting
 Cambridge
 Oxford
 Liverpool
 Oxford
 Liverpool
 Imperial College
 Oxford
 Westfield College
 London
 Cambridge
 Cambridge
 Kings College
 London
 Warwick
 Imperial College
 London
 Leeds
 Oxford
 Leeds
 Cambridge
 Manchester
 Warwick
 Bangor

Dates of Visits
 Jan.-June 77
 June-Aug. 77
 Aug.-Sept. 77
 Sept. 76-Sept. 77
 Sept. 76-Sept. 77
 1977
 Oct. 76-June 77
 Oct. 76-Aug. 77

April 77 on
 April-June 77
 Aug. 76-July 77

April-June 77
 Jan.-June 77

Sept. 76-March 77
 Jan. 77
 Sept. 76-May 77
 2-3 months 1977
 Sept. 76-June 77
 Jan.-June 77
 May 77

OXFORD: JUNIOR LECTURESHIP IN MATHEMATICS

Applications are invited for a Junior Lectureship in any branch of Pure or Applied Mathematics: some preference will be given to applicants with interests in Statistics. The appointment is for a period of three years from 1 October 1977 (or as soon as possible thereafter) and is not renewable. Salary will be on the scale, as at September

1976, £3,115+£96 to £3,211+£211 to £3,422+£228 to £3,650.

Further details may be obtained from the Secretary of Faculties, University Offices, Wellington Square, Oxford, OX1 2JD, to whom applications should be sent not later than 15 December 1976.