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LONDON MATHEMATICAL SOCIETY

Professor René Thom

(Institut des Hautes Etudes Scientifiques)

THE THEORY OF  
CATASTROPHES AND MORPHOGENESIS

Thursday, December 13th 1973 at 5.00 p.m.

Allen Lecture Theatre, Atkins Building,

QUEEN ELIZABETH COLLEGE,

Campden Hill,

London W8 7AH

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Please note that this meeting will *not* be held in Burlington House as previously announced and is *not* on the usual third Thursday.

Tea will be served at 4.30 p.m. The nearest Underground stations are High Street Kensington, Holland Park and Notting Hill Gate. From High Street Kensington station, turn left along Kensington High Street, then turn right at Campden Hill Road, then left into Campden Hill.

# LMS NEWSLETTER

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December 1973

## DURHAM SYMPOSIUM ON GLOBAL RIEMANNIAN GEOMETRY

Preliminary notice of this first Working Research Symposium (11th–22nd July, 1974) was given in the *L.M.S. Newsletter* of October, 1973; I can now add more detailed information. The following mathematicians from overseas have expressed their interest in attending the above symposium: M. Barner, P. Dombrowski, D. Ferus, H. Flanders, G. Godbillon, W. Karcher, S. Kobayashi, W. Klingenberg, P. Libermann, A. Lichnerowicz, K. Leichtweiss, S. Loos, J. Martinet, K. Nomizu, M. Obata, L. Vanhecke and K. Voss; I have not yet heard from another 14 mathematicians from abroad who have been invited. About 30 U.K. mathematicians have received invitations, and I expect that most will wish to attend. A number of places will be available for people who have inadvertently not received a personal invitation, so anybody interested in obtaining one of these places should

write to Professor T. J. Willmore at the Department of Mathematics, University of Durham, Science Laboratories, South Road, Durham (0385-64971).

There is a registration fee of £20. The cost per person per day for full board at Grey College will be about £4. The symposium is being helped financially by the Royal Society, the London Mathematical Society, and, we hope, by the Science Research Council.

The philosophy underlying these working research symposia is to avoid the classical conference situation, with an overfull programme of invited lectures (sometimes on too diverse a range of topics), recognising that most of the value of the classical conference results from the informal contact and collaboration of the mathematicians attending, which is only hindered by the formal programme.

T. J. WILLMORE

## BRITISH MATHEMATICAL COLLOQUIUM

The 26th Annual Meeting of the British Mathematical Colloquium will be held at the University of Sussex from April 1st to April 5th, 1974.

Invited addresses will be given by: H. Bass, E. Brieskorn, G. Stampacchia; L. W. Bienenfeld, K. G. Binmore, H. G. Diamond, R. Douglas, H. G. Eggleston, A. J. Ellis, D. B. A. Epstein, H. B. Griffiths, K. Gruenberg, M. C. Irwin, M. B. Powell, S. B. Priddy, N. Ray, D. Rees,

J. C. Robson, D. S. Scott, R. C. Vaughan and J. D. M. Wright.

In addition there will be meetings of splinter groups for shorter papers. Accommodation will be provided in University Halls of Residence. Further information and application forms may be obtained from the Secretary, Dr. D. Newton, School of Mathematical and Physical Sciences, University of Sussex, Brighton BN1 9QH (0273-66755).

## RENCONTRE ON FUNCTIONAL ANALYSIS AND DIFFERENTIAL EQUATIONS

A rencontre on this subject will be held in the Mathematics Department, Chelsea College, Manresa Road, London SW3 6LX, on April 23rd–26th, 1974, with the support of the Science Research Council. Among speakers who have agreed to take part are: J. L. Lions, L. Collatz, F. Browder, S. Rolewicz, D. E. Edmunds and T. Brooke Benjamin.

Those wishing to attend are requested to write to Dr. F. Jellett at Chelsea College (01-352 6421). The fee for attendance and meals will be £4; for those requiring it, accommodation will be available in Lightfoot Hall, Chelsea, at a charge of £4 per day. Science Research Council funds are available to cover the expenses of a limited number of workers in these two fields.



## SELF-ADJOINT OPERATORS AND SEMI-GROUPS

A teaching conference entitled "Self-Adjoint Operators and Semi-groups" will be held at Bedford College, Regent's Park, London, NW1 4NS, on July 8th-18th, 1974. The following have tentatively agreed to come: E. M. Stein (harmonic analysis), B. Simon (Schrödinger operators), J. M.

Cook (classical scattering systems), and R. Hoegh-Krohn (hypercontractive semi-groups). In addition there will be lectures on Sobolev spaces.

Further information on this conference can be obtained from Professor R. F. Streater at Bedford College (01-486 4400).

## QUASIGROUPS AND FUNCTIONAL EQUATIONS

The Mathematical Institute in Belgrade is organising a symposium on Quasigroups and Functional Equations on September 18th-21st, 1974. If you would like to take part in the Symposium and to be informed

about all the details, please write as soon as possible to: Matematički Institut, 11,000 Beograd, Knez Mihajlova 35, Yugoslavia.

## INTERNATIONAL MATHEMATICAL UNION

The General Assembly of the I.M.U. will be held at Harrison Hot Springs (near Vancouver) on August 17th-19th, 1974.

The following 41 countries were members of the Union on January 1st, 1973: (Group I) Argentina, Brazil, China-Taiwan, Cuba, Greece, Iceland, Ireland, Mexico, New Zealand, North Korea, Norway, Portugal, South Africa, Turkey; (Group II) Austria, Bulgaria, Denmark, Finland, Israel, Pakistan, Rumania, Spain, Yugoslavia; (Group III) Australia, Belgium, Canada, Czechoslovakia, German Democratic Republic, Hungary, India, the Netherlands, Sweden, Switzerland; (Group IV) Federal Republic of Germany, France, Italy, Japan, Poland; (Group V)

Great Britain, USA, USSR. This membership corresponds to a total voting strength of 97 and an annual income from dues of \$14,474.40 (equivalent to 111 units). This means an increase of 3 votes and 3 units since January 1st, 1972 (1 vote and 1 unit each from Australia, Bulgaria and Sweden).

The I.M.U. Executive Committee for 1971-1974 consists of: Professor K. Chandrasekharan (President); Professor Nathan Jacobson, Academician L. S. Pontrijagin (Vice Presidents); Professor Otto Frostman (Secretary); Professor M. F. Atiyah, Professor Y. Kawada, Professor N. H. Kuiper, Academician M. Nicolescu, Professor E. Vesentini; and Professor H. Cartan (Past President).

## SALEM PRIZE

The Salem prize for 1973 was awarded to Dr. E. M. Nikisin, University of Moscow, for his work on convergence of general

series of functions. The jury consisted of Professors A. Zygmund, L. Carleson, J. P. Kahane and Ch. Pisot.

## WORLD DIRECTORY OF MATHEMATICIANS

The IMU Executive Committee has now resolved to re-create a Bureau for the World Directory of Mathematicians, with Professor Frostman in charge of it, for producing the next edition. The E.C. has also

decided to accept the offer for the printing made by Messrs. Almqvist & Wiksell, Uppsala, Sweden; and that IMU itself should act as publisher.

*IMU Bulletin*, September 1973.

## ANNUAL SUBSCRIPTION 1973/74

It would be appreciated if members who have not yet returned their subscription forms and payments would do so as soon

as possible. Please send these to Mrs. Shalit, London Mathematical Society, Burlington House, London W1V 0NL.