

OVERSEAS CONFERENCES AND SYMPOSIA

The Institute of Mathematics and its Applications will hold the following conferences and symposia in 1978/79. Further information may be obtained from the Secretary and Registrar, the Institute of Mathematics and its Applications, Maitland House, Warrior Square, Southend-on-Sea, Essex. SS1 2JY, England.

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| <p>International Conference on The Analysis and Optimisation of Stochastic Systems
6 - 8 September, 1978</p> | <p>University of Oxford</p> |
| <p>Mathematical Modelling of Turbulent Diffusion in the Environment
11 - 13 September, 1978</p> | <p>University of Liverpool</p> |
| <p>The Presidential Address by Dame Kathleen Ollerenshaw, DBE, MA, DPhil, LLD, DSc, FCP, FIMA
20 September, 1978</p> | <p>The Royal Institution, London</p> |
| <p>Mathematical Methods for Computer Graphics and Design
28 September, 1978</p> | <p>University of Leicester</p> |
| <p>Teaching of Statistics in Schools
30 September, 1978</p> | <p>London School of Pharmacy</p> |
| <p>The Effect of Noise and Vibrations on Human Beings
8 December, 1978</p> | <p>ISVR, Southampton</p> |
| <p>Ordinary Differential Equations and their Applications
18 - 20 December, 1978</p> | <p>University of Manchester</p> |
| <p>Mathematical Modelling
4 January, 1979</p> | <p>Hatfield Polytechnic</p> |
| <p>Assessment in Mathematics
4 - 5 January, 1979</p> | <p>University of Aston in Birmingham</p> |
| <p>Black Holes
5 January, 1979</p> | <p>Chelsea College, London</p> |
| <p>Mathematical Modelling of Large Scale Accidents and the Environment
20 March, 1979</p> | <p>University of Cambridge</p> |

The Mathematics of Road Traffic and Land
Transport Planning
9 - 11 April, 1979

University of Surrey

Mathematical Modelling of the Environment
Inside Buildings
May 1979

London

Power from Sea Waves
26 - 28 June, 1979

University of Edinburgh

Statistical Aspects of the Causes and Human
Impacts of Environmental Pollution
October 1979

Venue to be announced

The purpose of the symposium on "Black Holes" is to introduce and explain black holes; and will cover black holes in both their observational and theoretical contexts. No previous knowledge of black holes is necessary; the meeting is designed for students and graduate mathematicians and physicists.

The symposium will be opened by Professor Sir Hermann Bondi, KCB, FRS, FIMA (Department of Energy). The first lecture will begin at 10.00 a.m. with registration from 9.30 a.m. The Symposium will finish with tea at 4.15 p.m. Speakers and sessions include :

What are Black Holes?

D. W. Sciama (University of Oxford)

Observational Aspects of Black Holes

M. Rees (Institute of Astronomy, Cambridge)

Theoretical Aspects of Black Holes

B. F. Schutz (University College, Cardiff)

Quantum Aspects of Black Holes

P. C. W. Davies (King's College, London)