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.

International Conference on The Analysis and Optimisation of Stochastic Systems
6 - 8 September, 1978
University of Oxford

Mathematical Modelling of Turbulent Diffusion in the Environment
11 - 13 September, 1978
University of Liverpool

The Presidential Address by Dame Kathleen Ollerenshaw, DBE, MA, DPhil, LLD, DSc, FCP, FIMA
20 September, 1978
The Royal Institution, London

Mathematical Methods for Computer Graphics and Design
28 September, 1978
University of Leicester

Teaching of Statistics in Schools
30 September, 1978
London School of Pharmacy

The Effect of Noise and Vibrations on Human Beings
8 December, 1978
ISVR, Southampton

Ordinary Differential Equations and their Applications
18 - 20 December, 1978
University of Manchester

Mathematical Modelling
4 January, 1979
Hatfield Polytechnic

Assessment in Mathematics
4 - 5 January, 1979
University of Aston in Birmingham

Black Holes
5 January, 1979
Chelsea College, London

Mathematical Modelling of Large Scale Accidents and the Environment
20 March, 1979
University of Cambridge
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)