

British Computer Society Conference, Cardiff

4th to 7th September 1962

The final detailed time-table for the third conference of The British Computer Society has now been drawn up. A series of interesting and informative papers will be delivered covering many aspects of computers. A partial list of speakers who are expected to address the conference is given below together with an indication of the subject to be covered.

Business Data Processing

Mr. J. D. W. Janes,
O. & M. Division, H.M. Treasury

Measuring the profitability of computer systems

Mr. J. Drummond,
Ministry of Pensions and National Insurance

Some aspects of the recording of Graduated Pension National Insurance Contributions, with a progress report on the Graduated Pension Scheme processing

Mr. A. E. C. Hodgson,
Ferranti Ltd.

Large-scale record conversion in insurance applications

Mr. J. R. Hopkinson,
A.W.R.E.

Evolutionary integration of accounting processes using varied machine configurations; the use of a very powerful computer in conjunction with more conventional equipment

Mr. W. S. Ryan,
G.P.O.

The management and organization of a large data-processing system working to a tight time-table

Mathematics and Science

Dr. L. Fox (Oxford University)
and other contributors

Partial differential equations

Dr. A. Young,
Liverpool University

Simulation of the liver on a computer

Dr. D. Elliott,
Sydney University

Use of Chebyshev polynomials in solving integral equations

Dr. A. Young,
Liverpool University

The impact on Universities of the large expansion in computing capacity planned for the next few years

Statistics

Messrs. Benjamin and Thorley,
Census Office

Processing of the 1961 National Census returns

Dr. F. Yates,
Rothamsted Experimental Station

Development of a general program for the analysis of replicated experiments

Dr. K. D. Tocher and Mr. G. Bowling,
United Steel

Programming aspects of error correction of transmitted data and the language aspects of analysis programs

Industrial Applications

Mr. R. G. Massey,
Richard Thomas & Baldwins

Automation in a new steel works

Mr. G. W. Thomas,
Steel Company of Wales

Experience with a computer in Operational Research

Equipment

Mr. W. S. Elliott,
Cambridge University

Implications of new components for computer design

Mr. M. Lehman,
Israel

Use of a computer to check computer logic design

Other sessions will include reports on practical experience of time-sharing, several contributions on experience with data transmission, and also a report on the highlights of the I.F.I.P. Congress. There will also be an important session dealing with techniques for assessing the power of computers, and also a session covering input and output procedures for ALGOL.

A brochure giving other details of arrangements, together with application forms, was circulated with the April 1962 issue of *The Computer Journal*. A detailed programme for the Conference is also available and is being sent to all delegates with copies of abstracts, etc. Further copies of the programme and brochure are available from the Society's London Office.