

## **Conferences and Meetings**

### **Symposium on Maintenance of Water Quality**

*September 9–11, 1975, Cambridge*

This Symposium has been arranged by The Institution of Water Engineers and Scientists in association with The Society for Water Treatment and Examination, and will be held at the University of Cambridge.

Nine papers will be presented, including the following: "Control of effluents," by R. G. Toms; "Raw water quality criteria," by A. H.

Goodman; and "Raw water monitoring," by W. M. Lewis.

Further information can be obtained from the Secretary, The Institution of Water Engineers and Scientists, 6-8 Sackville Street, Piccadilly, London, W1X 1DD.

### **Instruments and Control Systems for the Water Industry**

*September 15-17, 1975, Reading*

This Conference is to be held by the Water Research Centre at the University of Reading and its purpose is: to report current trends and achievements in the use of instrumentation and control systems; to monitor the quality and quantity of natural waters and water supply; and to monitor the control of water and waste water treatment processes.

Twenty-one papers will be presented by authors who have been actively engaged on research in this area and will include contributions from overseas. The three Sessions are as follows: "Monitoring Quality and Quantity of Surface and Ground Waters"; "Instrumentation and Automation in Resource Management, Water Treatments and Distribution"; and "Instrumentation and Control in Waste Water Treatment." In addition there will be a Plenary Session and an Informal Workshop and Exhibition of Equipment.

Further information can be obtained from The Conference Organiser, Water Research Centre, P.O. Box 16, Medmenham, Marlow, Bucks., SL7 2HD.

### **First Conference on X-ray Powder Diffraction**

*September 15-19, 1975, Durham*

This Conference will be held at the University of Durham and is organised, in conjunction with the Department of Geology of that University, by Philips Analytical Department of Pye Unicam Ltd.

The aim of the Conference is to widen the scope and acceptability of the technique, with particular emphasis on applications and results. The following topics will be covered: Principles of X-ray Powder Diffraction; Quantitative Phase Analysis; Quantitative Analysis; Instrumentation and Safety; Texture; Stress; Crystal Size and Crystallinity; and Automatic Powder Diffractometry.

Further information can be obtained from Mrs. E. Gammon, Philips Analytical Department, Pye Unicam Ltd., York Street, Cambridge, CB1 2PX.

### **Techniques for the Microbiological Examination of Foods, Pharmaceuticals and Cosmetic Products**

*October 7-9, 1975, London*

About 20 papers will be presented at this International Symposium, which is intended to encourage bacteriologists to compare the techniques they use with those employed by others in the field of microbiology.

Further information from J. J. Peake, Scientific Symposia Ltd., 121 King Street, London, W6 9JG.

### **Seminar on Applications of Instrumental Techniques of Analysis**

*October 8, 1975, Stoke Poges*

Fulmer Research Institute, in association with Thames Polytechnic, is planning to hold a seminar in which some of the modern instrumental techniques will be described, with particular reference to the ways in which they can be applied to the solution of industrial problems. Case histories will be presented to illustrate these applications, and there will be opportunities for delegates to discuss their own problems with experts in the various techniques, which will include infrared spectroscopy, differential thermal analysis, differential scanning calorimetry, thermogravimetric analysis, thermomechanical analysis, liquid chromatography and gel-permeation chromatography.

Further details from Miss K. M. Hutton, Information and Marketing, Fulmer Research Institute, Stoke Poges, Slough, SL2 4QD.

### **Water Quality Control—The Role of Analytical Chemistry**

*October 30, 1975, London*

This Symposium will be held at Thames Polytechnic, and the topics covered will include automatic and on-line analysis, continuous and harmonised monitoring, oil-pollution analysis, aquatic pollution by heavy metals and international aspects of water pollution.

Further details can be obtained from Mrs. S. Taylor, Room 183A, Thames Polytechnic, Wellington Street, London, SE18 6PF.

**Air Pollution Measurement and Environmental Control**

*October 26-31, 1975, Loughborough*

Further information about this course can be obtained from Mrs. Sonia Withers, Centre for Extension Studies, University of Technology, Loughborough, Leicestershire, LE11 3TU.

**Symposium on Measurement of Particulate Pollutants in Gas Streams**

*December 3, 1975, Bradford*

This Symposium, organised by the Yorkshire Section of the Society of Chemical Industry, will be held at The University of Bradford. Lectures will give an up-to-date review of sampling, characterisation and continuous automatic measurement of dust in flowing gases together with the related legislation.

Further details can be obtained from the Symposium Organiser: Dr. L. Svarovsky, School of Powder Technology, University of Bradford, Bradford, West Yorkshire, BD7 1DP.

**27th Pittsburgh Conference on Analytical Chemistry and Applied Spectroscopy**

*March 1-5, 1976, Cleveland, Ohio, USA*

This Conference will be held at the Cleveland Convention Center, Cleveland, Ohio and papers will be presented on new methods and on methods that assist the practising chemist in the solution of everyday problems.

Symposia have been organised on subjects which include the following: Gas Chromatography; Toxicology; Future Trends in Clinical Chemistry; Liquid Chromatography; Criteria for Method Selection in Pharmaceutical Analysis; Recent Advances in Analysis in the Steel Industry in Foreign Countries and in the USA; Coatings in Food and Beverage Can Industry; New Trends in Powder Diffractometry; and Energy Dispersive Sources and Systems (ASTM E-2).

General papers are not restricted to the symposia topics and it is expected that more than 400 submitted papers will cover many aspects of Analytical Chemistry and Spectroscopy.

Intending contributors should send three copies of a 300-word abstract to Dan P. Manka, Program Chairman 1976, Jones and Laughlin Steel Corporation, Graham Research Laboratory, 900 Agnew Road, Pittsburgh, Pa. 15230, USA, by **September 15th, 1975**.

As in the past, the Conference will be the site of an Exposition of Modern Laboratory Equip-

ment. Anyone desiring exhibition space or information regarding the Exposition should address inquiries to Harold Sweeney, Exhibition Chairman, Koppers Company Inc., 440 College Park Drive, Monroeville, Pa. 15146, USA.