

Conferences and Meetings

Radwaste 86

September 7–12, 1986, Cape Town, South Africa

A conference on the Treatment and Containment of Radioactive Waste and its Disposal in Arid Environments will be held at the Cape Sun Conference Centre. The conference is sponsored by the Atomic Energy Corporation and ESCOM and a number of pre- and post-conference tours of installations have been arranged.

For details contact the Radwaste Conference Secretariat, AEC Building 2100B, Private Bag X256, Pretoria, 001, South Africa.

AOAC 100th Annual International Meeting

September 15–18, 1986, Scottsdale, AZ, USA

After holding all but one of the past 99 meetings in the Washington, DC, area, the Association of Official Analytical Chemists (AOAC) is holding its 100th Annual International Meeting and Exposition at The Registry, in Scottsdale, Arizona. The extensive technical program will include five symposia: Sampling; Chemometrics; Immunochemistry—Concepts, Applications and Prospectives; Methodology for Non-Standard (Incident Investigation) Sampling; and Safety. All other contributed papers will be presented in poster format, enabling meeting attendees to schedule their time more effectively.

Additional technical program features include the popular Open Forum, where attendees seek solutions to technical and administrative problems by tapping the expertise and experience of their colleagues, and the Regulatory Round Table, a panel presentation and discussion among representatives of federal, state and local government and industry regarding regulatory methodology questions of mutual interest.

At the Exposition, more than 65 analytical equipment, services and publications suppliers will present their products and services in the exhibition hall from 11.30 a.m. Monday, September 15, to 2.30 p.m. Wednesday, September 17. A new one-hour, by appointment only, period has been scheduled for Tuesday afternoon in response to attendee's requests for opportunities for in-depth uninterrupted discussion of products or services of special interest to them.

AOAC will again offer the popular short course, Quality Assurance for Analytical Laboratories. Short course fees are not included in the registration fee and are \$475.00 for AOAC members, \$525.00 for non-members.

For further details, contact the AOAC office at 1111 N. 19th St., Suite 210, Arlington, VA 22209, USA.

Eastern Analytical Symposium

October 20–24, 1986, New York, NY, USA

The Silver Jubilee EAS is to be held at the New York Hilton, and as in previous years, will feature a large exposition as well as the technical sessions. There will be 60 sessions, including four award symposia, honouring: George H. Morrison, First EAS Award; Csaba Horvath, First EAS Chromatography Award; Paul C. Lauterbur, New York Society for Applied Spectroscopy Gold Medal; and Wilhelm Simon, American Microchemical Society Benedetti-Pilcher Memorial Award.

Invited speakers will present papers on topics as diverse as laser excitation, plasma emission and chemometrics.

Technical workshops will again be offered, as well as the following short courses: Advanced HPLC Course for the Practising Chromatographer; Introduction to Laboratory Microcomputers: Fundamental Principles and Applications; Two-dimensional NMR; and Near Infrared Analysis: An Industrial Tool. Proctor and Gamble will repeat their course designed to generate interest in analytical chemistry among undergraduate and graduate chemistry majors and outstanding chemistry undergraduates will again be recognised by the EAS Student Award Program. The traditional EAS Beef and Ale Symposium Reception will again be held.

Further information on the Silver Jubilee EAS may be obtained from: Dr. S. David Klein, EAS Publicity, 642 Cranbury Cross Rd., North Brunswick, NJ 08902, USA.

Symposium on Immunoassays

November 11–13, 1986, Stockholm, Sweden

The ability of the immunological system to form antibodies against foreign compounds should be regarded as a specific and selective biological mechanism for defence and protection. The utilisation of this mechanism for analytical purposes has had a tremendous impact on analytical chemistry, and the development of this area over the last two decades has been explosive. The topics discussed at the symposium will include general mechanisms for the formulation of antibodies, techniques for the preparation of poly- and monoclonal antibodies, problems with respect to specificity and quality control, advantages and limitations in

connection with radioimmunoassay, enzyme immunoassay, fluorescence and luminescence immunoassay, nephelometric techniques, light scattering immunoassay, immunoassays on solid phases and immunoassay techniques for biosensors. Applications will also be covered, including the immunoassay of steroids, prostaglandins, antiepileptics and digitoxin. The importance of the determination of serum levels of drugs in clinical routine work will be critically evaluated.

The speakers at the symposium will include I. Björkhem, C. Borreback, R. V. Brooks, R. P. Ekins, S. Evans, E. Granström, A. Hedin, S. G. O. Johansson, I. Lundström, T. Lövgren, J. N. Miller, G. Möller, C. P. Price, R. F. Ritchie, M. W. Sundberg, F. Sjöquist, J. Thorell, E. F. Ullman and T. P. Whitehead.

For further details write to the Symposium on Immunoassays, The Swedish Academy of Pharmaceutical Sciences, P.O. Box 1136, S-111 81 Stockholm, Sweden.

Instrumentation 87

February 25–26 and March 25–26, 1987, Harrogate and Bristol

The exhibitions are principally attended by electronic instrument and component manufacturers. Details are available from Trident International Exhibitions Limited, 21 Plymouth Road, Tavistock, Devon PL19 8AU.

Pittsburgh Conference and Exposition on Analytical Chemistry and Applied Spectroscopy

March 9–13, 1987, Atlantic City, NJ, USA

The 1986 conference and exposition was attended by 29146 people. Papers are now solicited for the 1987 conference in the fields of Air Pollution, Atomic Absorption Spectroscopy, Automated Analysis (Laboratory and Plant), Biochemical Analysis, Biomedical and Pharmaceutical, Classical Chemical Analysis, Clinical Chemistry, Computer Applications, Countercurrent Chromatography, Electrochemistry, Emission Spectroscopy, Flow Injection Analysis, Fluorescence - Luminescence, Food Analysis, Forensic and Drug Analysis, Gas Chromatography (Applications, Instrumentation, Theory), Gel Permeation Chromatography, General Analysis, Industrial Hygiene, Infrared Spectroscopy (Applications, Instrumentation, Theory), Ion Chromatography, Laboratory Robotics, Liquid Chromatography (Applications, Instrumentation, Theory), Mass Spectrometry, New Instrumenta-

tion, New Instrument Concepts, Nuclear Magnetic Resonance Spectroscopy, Particle Size Analysis, Pesticide Analysis, Plasma Emission Spectroscopy (ICP, DCP), Polymer Analysis, Powder Characterisation, Process Stream Analysis, Raman Spectroscopy, Selective Ion Electrodes, Supercritical Fluid Chromatography, Surface Analysis (Auger, ESCA, SIMS), Thermal Analysis, Thin-layer Chromatography, Toxicological Analysis, Trace Analysis, Ultraviolet - Visible Spectrophotometry, Water Pollution and X-ray Diffraction/Fluorescence Spectroscopy.

Workers wishing to present a paper should submit four copies of a 500-word abstract by August 1, 1986, to Mrs. Alma Johnson, Program Secretary, 12 Federal Drive, Suite 322, Pittsburgh, PA 15235, USA.

Ninth Australian Symposium on Analytical Chemistry

April 27–May 1, 1987, Sydney, Australia

This general analytical conference will be held in the Centrepont Exhibition and Convention Centre and organised by the Analytical Chemistry Division of the Royal Australian Chemical Institute. Papers are invited, particularly in the areas of agriculture, clinical and biological chemistry, computers and laboratory automation, environmental chemistry, food and carbohydrates, mining and metallurgy, occupational hygiene and pharmaceutical chemistry. Abstracts (200 words) should be submitted before October 1.

The plenary lecturers will be J. Růžicka, M. McLaren, J. Fritz, F. McLafferty, A. Bond, R. Dessy, D. Taylor, S. Svensson, M. Novotny, J. M. Wood and J. L. Glajch.

All enquiries (and abstracts) should be directed to Mr. J. C. Eames, Secretary 9AC, P.O. Box 137, North Ryde, NSW 2113, Australia.

XXV Colloquium Spectroscopicum Internationale

June 21–26, 1987, Toronto, Canada

The twenty-fifth CSI will be sponsored by the Spectroscopy Society of Canada, the Society for Applied Spectroscopy (USA) and the National Research Council of Canada and will be held at the Hilton Harbour Castle. Persons wishing to contribute a paper should obtain the appropriate form as soon as possible from Dr. J. D. Winefordner, Department of Chemistry, University of Florida, Gainesville, FL 32611, USA.

The plenary lecturers will be Dr. Gerhard Herzberg and Professor Arthur L. Schawlow. The invited lecturers will include N. Armstrong, G. I. Bekov, T. Berthoud, M. Blades, M. A. Bolshov, J. A. C. Broekaert, D. C. Compton, G. De Loos, N. J. Dovichi, R. Garrel, J. M. Harris, J. A. Holcombe, D. E. Honigs, S. Houk, B. Huang, T. Imasaka, K. Kitagawa, L. B. McGown, J. W. McLaren, R. Miller, J. M. Ramsey, J. P. Reilly, A. Scheeline, D. C. Schram, R. Sturgeon, T. Vo-Dinh, I. M. Warner and E. S. Yeung.

For further information about the meeting contact Mr. L. Forget, Conference Services Office, National Research Council of Canada, Ottawa, Canada K1A 0R6.

XIII International Congress of Clinical Chemistry and VII European Congress of Clinical Chemistry

June 28–July 3, 1987, The Hague, The Netherlands

This Congress, which will be organised by the Netherlands Society for Clinical Chemistry, is to be held in the Netherlands Congress Centre. For details contact XIII International Congress of Clinical Chemistry and VII European Congress of Clinical Chemistry, c/o Netherlands Congress Centre, Congress Department, P.O. Box 82000, 2508 EA The Hague, The Netherlands.

Second Beijing Conference and Exhibition on Instrumental Analysis

October 20–23, 1987, Beijing, People's Republic of China

The conference will be held in the Beijing Exhibition Centre Hotel and the associated exhibition will run from October 19–25. There will be symposia on Electron Microscopy, Mass Spectrometry, Spectroscopy, Chromatography, Radio and Microwave Spectroscopy.

Further information is available from Room 4311, Beijing Exhibition Centre Hotel, Beijing, China.