

Announcements

Courses organized by the Center for Professional Advancement

Hazardous Waste Management, an overview of problems and guide to current technology (a three/four day intensive course). Amsterdam, The Netherlands, April 14–17, 1986.

Industrial Emission and Air Quality Monitoring, A three/four/five day intensive course, with field trips, in pollution control and abatement of gaseous and particulate emissions. Amsterdam, The Netherlands, April 14–18, 1986.

Industrial Explosion Control, A 2½ day intensive course on the technology of explosion control and prevention. Amsterdam, The Netherlands, April 21–23, 1986.

For further information, please contact the Center for Professional Advancement, Palestrinastraat 1, 1071 LC Amsterdam, The Netherlands; phone 020/623050; telex 10662 (cfpa nl).

UC Davis Extension Summer Institute in Hazardous Materials Management, Davis, CA, U.S.A., July 7–23 and August 4–15, 1986

UC Davis Extension's Certificate Program in Hazardous Materials Management, a comprehensive and practical curriculum of study in the field of hazardous materials regulation and management, is designed for current and prospective employees of industry and government in this fast-growing field.

In two condensed sessions, material from all of the program's required courses and a number of elective courses will be covered. The curriculum will include *Introduction to Hazardous Materials Management; Regulatory Framework for Toxic and Hazardous Substances; Principles of Toxicology; Technologies for Storage, Treatment and Disposal of Hazardous Materials;* and *Quantitative Analysis and Practical Laboratory Techniques*. Instruction will also cover groundwater hydrology, fate of pollutants in the environment, hazardous materials emergency response, and industrial hygiene.

The summer institute will be divided into two sessions of approximately two weeks each, July 7–23 and August 4–15. For more information, contact Linda Scott or Cheri Lulofs, University Extension, University of California, Davis, CA 95616; telephone (916) 752-6021.

Emergency Response '86 — The Integration of Technology, People and Equipment into an Effective Transportation Emergency Response System for Dangerous Goods
Vancouver, British Columbia, Canada, September 14—18, 1986

This international symposium will be held in conjunction with EXPO 86, the World Exposition on Transportation and Communications. The symposium is being sponsored by Transport Canada in cooperation with Environment Canada and Emergency Planning Canada and presented by the Canadian Chemical Producers' Association.

This world symposium will offer opportunities to share information and obtain insights into new methods for training and communications in transportation emergency response. One part of the program will be devoted to response to marine spills. The symposium will feature international authorities who will discuss case histories and how emergency response can be improved using new technology and training techniques.

This symposium will be particularly informative and useful to managers involved in transportation emergency response on behalf of fire and police departments, various levels of government and industries shipping dangerous goods. All managers with responsibilities or concerns in this area who would like to integrate technology, people and equipment into an effective response system should attend this important international symposium.

For further information, please contact Mrs. Lauri Hogan, Canadian Chemical Producers' Association, Suite 805, 350 Sparks Street, Ottawa, Ontario, Canada K1R 7S8; Phone: (613) 237-6215.

Health and Safety Executive — Heavy Gas Dispersion Trials at Thorney Island: Symposium on Analysis of Results, Sheffield, Great Britain, September 23—25, 1986

A symposium reporting the results of analyses of data from the Thorney Island heavy gas dispersion trials will be held at Sorby Hall, University of Sheffield on 23 to 25 September 1986.

The symposium will be structured around invited papers covering the analysis of the trials' data, comparison with mathematical models and wind/water tunnel simulations.

The outline programme will be as follows:

- Start** — 9.30 hrs, Tuesday 23 September 1986
- Day 1** — **Session 1** — Data analysis
 Session 2 — Data analysis
 Evening — Dinner at Haddon Hall
- Day 2** — **Session 3** — Comparison with mathematical models
 Session 4 — Comparison with mathematical models and water tunnel simulations
 Evening — Civic reception

Day 3 — Session 5 — Wind tunnel simulations
Close — 14.00 hrs, Thursday, 25 September 1986

Attendance will be limited to 120 persons, with preference being given to representatives of organisations which sponsored the trials.

For further information, please contact B. Roebuck, HGDT Symposium Organiser, Safety Engineering Laboratory, Health & Safety Executive, Broad Lane, Sheffield S3 7HQ; telephone: 0742 78141; telex 54556 HSE RLSG.

Compatibility of Plastics and Other Materials with Explosives, Propellants, and Pyrotechnics and Processing Propellants, Explosives and Ingredients

— Call for papers

Long Beach, CA, U.S.A., October 27–29, 1986

The Chemicals and Plastics Section of the Materials and Processes Division and the Propellants and Explosives Section of the Ammunition Technology Division of the American Defense Preparedness Association will hold a joint symposium.

The objective of the meeting is to provide a forum to exchange technical information and ideas on energetic materials, their processing and compatibility with other materials. Papers are particularly invited on the following topics:

1. Safety associated with operations: handling, processing, analysis, disposal
2. Continuous processing technology
3. High Performance Liquid chromatography
 - a. Ion chromatography
 - b. Reverse phase
 - c. Gel permeation chromatography (GPC)
4. Compatibility/stability by gas evolution methods
5. Low sensitivity/low vulnerability energetic materials — LOVA and GAP propellants

Submission of papers on other related or appropriated topics in the general areas of compatibility and processing is also encouraged.

Proposed titles and abstracts (200–300 words) should be submitted no later than April 19, 1986. A copy must be sent to each of the Co-Chairmen to be considered for inclusion into the program. The abstracts should include the author's names, addresses, and telephone numbers with the individual who will deliver the paper at the Symposium to be designated by an asterisk by the name. Presentation time and visual aid requirements should be defined. The maximum time permitted will be 20 minutes with an additional 10 minutes for questions.

Authors will be notified regarding selection by May 31, 1986. Final papers and biographical sketches are due by August 30, 1986. The security classification of this meeting is unclassified. Please send copies of your abstracts to: Gary G. Wittmer, Honeywell, Inc., 600 2nd Street, NE, Hopkins, MN 55343, Tel. 612-931-6893, and Dr. Gregory D. Knowlton, Talley Defense Systems, P.O. Box 849, Mesa, AZ 85021, tel. 602-898-2407.

The 6th International Conference on Chemistry for Protection of the Environment — Call for papers
Torino, Italy, September 15—18, 1987

Chairmen of the organizing committee are prof. G. Ostacoli (Univ. Torino, Torino), dr. W.J. Lacy (U.S. EPA, Washington), prof. L. Pawlowski (Lublin Polytechnic, Lublin), and prof. A. Van Haute (K.U. Leuven, Louvain Past-Chairman). Members are prof. M.C. Gennaro (Univ. Torino, Torino), prof. E. Mentasti (Univ. Torino, Torino), prof. C. Sarzanini (Univ. Torino, Torino), and prof. A. Verdier (I.N.S.A., Toulouse).

The Conference will be sponsored by: University of Torino, The Division of Analytical Chemistry of The Italian Chemical Society, EPA U.S. and among others by the Federation of European Chemical Societies.

This Conference will provide an international forum for scientists, all chemists, chemical engineers, biologists and other professions involved in environmental protection activities. The Conference proceedings will be published by Elsevier.

The general theme of the topics will be the physicochemical processes and aspects of chemistry and chemical engineering in the science of the aquatic environment. Papers on microbiological aspects or air pollution and solid waste will be considered as well. The sessions will deal more specifically with:

- advanced physicochemical treatment;
- the interaction of biological and physicochemical (sub) processes in combined treatment processes;
- the origin, transfer, fate and effects of chemical pollutants in the environment;
- treatment of the effluents plants;
- methods for the removal of hazardous hydrocarbons and organic materials from aqueous environment;
- advances in environmental monitoring and analytical chemistry.

The presentation of new and current research is strongly encouraged.

Papers and abstracts must be in English. They must contain original material not published elsewhere. Papers will be selected on the basis of extended abstracts. A compilation of these abstracts (together with the full invited papers) will be handed out at the Conference. Beside an introduction the abstract's section should describe methods, results and conclusions. They must be submitted before October 31, 1986 in a form enabling direct re-

production by the photo-offset process. An abstract shall contain app. 600 words and one or two figures and/or tables (2 to 4 pages). It should be single-spaced on DIN A4 format (210 × 297 mm), white paper with a 12 pitch Gothic or similar letter type and leaving 30 mm margins. Title, name of author(s) and address(es) should be typed within an additional 70 mm space at the head of the first page.

Authors will be notified regarding the decision of the Referees Committee on the acceptance of their abstract by January 1987. Full papers must then be submitted before March 31, 1987. As for their format, detailed instructions will be mailed in due time to the authors whose paper was accepted. The accepted papers will be published in the Series "Studies in Environmental Science", Elsevier Science Publishers.

All correspondence concerning the Conference should be addressed to: 6th Int. Conference on Chemistry for Protection of the Environment, Prof. C. Sarzanini, Dipartimento di Chimica Analitica, Via P. Giuria 5, 10125 Torino, Italy; tel. nat. 011/657272; tel. internat. /39/11/657272.