

## Announcements

### **The 1991 European Seminar on the Refurbishment of Bulk Liquid Storage Tanks, September 30–October 1, 1991, Novotel, London**

The reliability of bulk storage systems is increasingly being recognised as a critical element in the smooth running of integrated production plant. Even small failures in delivery from the bulk storage system can result in high cost downtime of chemical plant and consequential losses, and can jeopardise the viability of the whole operation. Recognised experts will present the latest understanding of the corrosion failure mechanisms; case histories are to be presented at this seminar.

Risks of leakage undermine the tight production schedules and actual leaks may cause massive supply disruption and attract adverse publicity. Many tank farms are now approaching or have passed their original design life expectancies. Replacement of these tanks is not economically feasible in the present recession and cost effective remedial measures need to be identified. Operators also need to ensure they have containment strategies prepared in case of emergencies. New developments in on-site treatment of effluents and spillages are presented with examples of their application by major operators.

Topics to be discussed include inspection techniques and their recent development, monitoring techniques, coatings and linings, legislation, design and material selection.

For further details and seminar programme, contact:

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### **Emerging Technologies for Hazardous Waste Management, American Chemical Society 1991 I&EC Division Symposium, Atlanta, Georgia, October 1–3, 1991**

This I&EC Division Special Symposium will be coordinated with HazMat South, a Hazardous Materials Management Conference & Exhibition in Atlanta, Georgia. HazMat South will be one of the larger U.S. exhibits of equip-

ment, services, and technology. Participants in the I&EC Division Symposium will have the opportunity to tour exhibits and interact with HazMat participants.

For more information contact:

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