

Announcements

First Combined FGD and Dry SO₂ Control Symposium October 25–28, 1988, St. Louis, Missouri

The purpose of the 1988 FGD Symposium is to provide a forum for the exchange of technical and regulatory information on flue gas desulfurization (FGD) for utility and industrial boilers. Wet and dry scrubbers, emerging processes, and international developments in clean coal/acid rain technologies will be the major topics.

The thrust of the meeting is to educate and inform without “sales” presentations. Operating experience equipment and process testing, pilot and demonstration results, international developments and regulatory changes will be emphasized. The audience will include utility and industrial users of the technology, consultants, engineering firms, equipment manufacturers, process suppliers, representatives of the government, academia, and R&D firms.

The symposium is sponsored by the U.S. Environmental Protection Agency and the Electric Power Research Institute.

Specific topics include:

- Acid Rain Legislative Activities (Federal & State)
- Status of U.S. Commercial FGD Applications
- Progress in International FGD Applications
- Clean Coal/Acid Rain Research
- Current FGD Economics
- Retrofit Applications/Experience
- FGD Additives
- FGD Operation and Maintenance
- Spray Dryer FGD
- Emerging Technologies
- Reliability Improvement Materials of Construction
- FGD By-Product Disposal/Utilization
- Integrated Environmental Controls
- Industrial FGD Applications
- Fundamental Chemistry & Physics of SO₂ Removal
- In-Furnace Dry SO₂ Technologies
- Post-Combustion Dry SO₂ Technologies
- Combined SO_x / NO_x Control
- Waste-to-Energy FGD Applications

Further details may be obtained from:

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 Symposium Coordinator
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 3412 Hillview Avenue, PO Box 10412
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Call for Papers — International Fire Protection Engineering Institute

A call for papers has been issued for the fifth International Fire Protection Engineering Institute scheduled for 21 May to 31 May 1989 at Carleton University, Ottawa, Ontario, Canada. Focus on the ten day event will be an exchange of the state-of-the-art in fire protection engineering as society worldwide prepares for the 1990s and the 21st Century.

Papers are invited but not limited to the following:

- Hazard appraisal
- Risk management
- Fire protection system design, installation, testing and acceptance
- Incident analysis (fire investigations as an engineering reconstruction)

Areas of interest may be fire as it occurs on, above, or under the ground; in the air or into space; on or below the water. Contributions to the state-of-the-art may have been in industry, life safety, the laboratory, a commercial application, or public service sector.

Institute sponsors are: BVD, Zurich, Switzerland; NFPA, Quincy, MA, USA; SFPE, Boston, MA, USA; TBBS, Baarn, The Netherlands; and the University of Maryland, Collega Park, MD, USA.

FIRE ASIA '88 Exhibition alongside SEAPAC IV and IFCAA Conferences, Singapore, November 1-3, 1988

FIRE ASIA '88 will be held at The Mandarin Hotel, Singapore, from 1st/3rd November 1988 and is already proving popular with exhibitors. (FIRE EAST '87, held at The Hong Kong Hilton International hotel, from 1st to 3rd December 1987, proved an outstanding success and attracted over 100 exhibitors, 1,200 visitors and 217 conference delegates.) Organised by Unisaf Publications Ltd. FIRE ASIA '88 has the full support of the Singapore Fire Service (who celebrate their 100th anniversary in 1988) and the journals Fire, Fire International and Fire Engineer's Journal.

The Exhibition will run alongside the established South East Asian and Pa-

cific Fire Safety Conference (SEAPAC), taking place from 1st/4th November 1988, at the same venue of Singapore's Mandarin Hotel, which is organised by the Singapore Branch of The Institution of Fire Engineers (IFE) and supported by the National Fire Protection Association (NFPA USA). The Singapore Branch of the IFE will also host the 15th General Conference of the International Fire Chief's Association of Asia on 1st and 2nd November 1988. Some 300 delegates, comprising the world's leading fire officers and industrialists, are expected to attend the conferences. The preliminary programme for SEAPAC IV is as follows:

Theme: "Fire Defence — The Challenges Ahead"

1. The privatisation of fire services — are we ready for such a radical change?
2. The training of a fire officer to equip him to meet the challenges of the future — is the traditional way of training adequate to meet situations like Chernobyl?
3. The application of computers in research and promotion of fire safety.
4. Research on fire safety in developed countries, such as Japan.
5. The efficient management of risk to help reduce damage caused by fires.
6. The fire protection and disaster management of a large shopping complex and world's tallest hotel in Singapore — Raffles City.
7. The evolution of explosion protection in Industry.

Delegates will also be able to listen to the discourse on Fire Safety matters in Asia. In addition, technical visits to places of interest are planned. For further information on:

FIRE ASIA '88 Exhibition contact Stephen Kennedy or Jacquie Palmer, Exhibition Sales Managers, FIRE ASIA '88, Queensway House, 2 Queensway, Redhill, Surrey RH1 1QS, England. Tel. +44 (0) 737 768611. Telex: 948669 TOPJNL G. Fax +44 (0) 737 761685.

SEAPAC IV: contact the Organising Secretary, SEAPAC IV Conference, c/o Central Fire Station, Hill Street, Singapore 0617, Republic of Singapore. Tel: 065 3374440. Telex: RS 28741 FIRE. Fax: 065 3394859.

International Approach to Nuclear Safety (after Three Mile Island and Chernobyl), 8–10 June, 1988, The Pembroke Hotel, Blackpool, U.K.

The International Approach to Nuclear Safety Seminar is organised by the Safety and Reliability Directorate of the UK Atomic Energy Authority.

The Seminar aims to provide a forum for a technical discussion of the nuclear safety approaches after the accidents at TMI and Chernobyl, and to present recent work on reactor safety issues identified by TMI and Chernobyl.

Professional scientists and engineers who are involved in the analysis of nuclear reactor safety are invited to attend the seminar, as well as Technical managers who need to be aware of the technical details underlying the major issues raised by reactor accidents.

Major sessions will be devoted to the following technical areas:

- Reactor design for safe operation
- Man-machine interaction and the contribution to reactor risk
- Reactor accident phenomenology including:
 - fuel behaviour
 - fuel-coolant interaction
 - degraded core behaviour
- Radioactive source terms from major accidents
- Environmental consequence modelling.

The discussion will highlight lessons to be drawn from:

- International colaboration
- Emergency response.

Further details may be obtained from:

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