

## **SFPE TO HOLD TECHNICAL SYMPOSIUM: “APPLICATIONS OF PROBABILISTIC RISK ASSESSMENT TO FIRE PROBLEMS”**

The Society of Fire Protection Engineers will hold a Technical Symposium on Applications of Probabilistic Risk Assessment to Fire Problems 23-24 October 1995 at the Hyatt Fair Lakes in Fairfax, Virginia, in suburban Washington, DC.

Papers scheduled for presentation on Monday, 23 October, include: *Quantitative and Semi-Quantitative Risk Assessments of LNG Facilities* (Sami Atallah, Risk and Safety Consultants, Inc.), *Fire Risk-Based Decision-Making for Plant Facilities and Operations* (Thomas F. Barry, HSB Professional Loss Control), *LPG Storage: A Probabilistic Approach for Selecting Active and Passive Protection Systems* (Carlo Fiorentini, Tesca SpA), *A Fire Risk Analysis Model for Assessing Options for Flammable and Combustible Liquid Products in Storage and Retail Occupancies* (John R. Hall, Jr., National Fire Protection Association), *Probabilistic Model for Predicting Passenger Aircraft Fire Safety* (Richard Lee Smith, George Mason University), *Probabilistic Risk Assessment in Spacecraft Fire Safety* (Farrokh Issacci, UCLA), *Smart Fire Detection Using Multivariate Statistical Methods* (Thomas J. McAvoy and James A. Milke, University of Maryland), and *Computational Domain Models: Their Use in Fire Safety Analysis* (Paul E. Lehner, George Mason University). The day will also include a luncheon presentation on *The Role of Probabilistic Risk Assessment in Performance-Based Engineering* (Richard L.P. Custer, Custer Powell, Inc.).

Five papers are scheduled for presentation on Tuesday, 24 October. They are: *Assessment of the Probability of Fire Induced Damage* (Vincent Ho, PLG Inc.), *Risk Implications: Recent Testing on Smoke Effects and Thermal Barrier Systems* (Steven P. Nowlen, Sandia National Laboratories), *A Fire Risk Assessment Expert System for Evaluating Smoke Damage on Electronic Equipment* (X.P. Yang, Factory Mutual Research Corporation),

*Estimating Fire Risks at Industrial Nuclear Facilities* (David Allan Coutts, Westinghouse Savannah River), and *Probabilistic Fire Risk Analysis for Nuclear Power Plants* (L. Paul Herman, HSB Professional Loss Control, Inc.).

Additional papers may be added to the tentative program.

The tuition of \$275 for SFPE members (\$350 for non-members) includes abstracts submitted by the speakers, a lunch and refreshment breaks. The registration deadline is 10 October.

The Symposium will be held at the Hyatt Fair Lakes, located 15 minutes from Dulles International Airport and 30 minutes from downtown Washington, DC. A block of discounted suite-sized rooms is available to Symposium participants for \$93 (single/double).

For more information or to register, contact the Society of Fire Protection Engineers, One Liberty Square, Boston, MA USA 02109-4825; telephone 617-482-0686 or FAX 617-482-8184.

### **PROCEEDINGS AVAILABLE**

The *Proceedings* of two recent technical programs of the Society of Fire Protection Engineers are now available from SFPE.

They are *Proceedings: Society of Fire Protection Engineers and NFPA Research Section Honors lectures and SFPE Engineering Seminars: Applications of Materials and Product Flammability Testing and Data in Firesafety Design, May 1995* (94 pp.) and *Proceedings of the Technical Symposium on Applications of Fire Dynamics, Society of Fire Protection Engineers and the University of British Columbia, July 1995* (83 pp.).

Contact SFPE for a complete list of available publications and ordering information.