Call for Papers

35th Annual Loss Prevention Symposium
AIChE 2001 Spring National Meeting
Houston, Texas
April 22-26, 2001

Overview of the Symposium

The Loss Prevention Symposium, organized by the American Institute of Chemical Engineers Safety and Health Division, Group 11A, has been held annually since 1967. The objective of the symposium is to promote safety in the chemical process and allied industries by providing a forum for practitioners from industry, academia, and government to share experiences, technological advances, and new ideas.

Original, unpublished material is preferred. Authors are encouraged to submit an Abstract. Accepted papers will be published in the Symposium Proceedings and may also be chosen for publication in the Division journal, Process Safety Progress. The 35th Symposium will consist of six sessions of five to six papers each. The session topics are described below.

1. Fire, Explosion and Reactivity Hazards – The analysis, prevention and mitigation of fire and explosion hazards continue to be important issues to the Loss Prevention community. We invite papers that identify, analyze or offer design guidance on fire, explosion, and reactivity hazards.
   Chair: Erdem A. Ural
   Vice-Chair: William A. Thornberg
   Fenwal Safety Systems
   90 Brook Street
   Holliston, MA 01746
   508 429 3190
   508 429 2990 (FAX)
   erdem@world.std.com
   HSB Industrial Risk Insurers
   85 Woodland Street
   Hartford, CT 06102-5010
   860 520 6090
   860 520 6135 (FAX)
   william.thornberg@industrialrisk.com

2. Protection for Special Occupancies – Loss prevention and fire protection technology is changing to provide protection for new technologies such as semi-conductor manufacturing, cryogenic environments, ultra clean environments, biotechnology, and electronic installations such as computer and telecommunications facilities. Protection for traditional facilities such as flammable liquid bulk storage and warehousing also continues to evolve. Papers that address loss prevention in special occupancies are invited.
   Chair: Robert P. Benedetti
   Vice-Chair: Stanley S. Grossel
   National Fire Protection Association
   Quincy, MA 02269-9101
   617 984 7433
   617 984 7110 (FAX)
   bbenedetti@nfpa.org
   Process Safety and Design, Inc.
   41 Sussex Road
   Clifton, NJ 07012-2017
   973 779 8579
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   ssgrossel@aol.com

3. Safety Application of Advanced Preventive Maintenance and Inspection Techniques – This session invites papers on a variety of subject areas including: optimization of safety critical inspection and test programs, risk based inspection, reliability centered maintenance, designing equipment for reliability and testability, implementation of ISA S84.01, and methods used to determine appropriate safety integrity levels.
   Chair: Scott W. Ostrowski
   Vice-Chair: Robert W. Ormsby
   Exxon Chemical Americas
   Baton Rouge Chemical Plant
   P.O. Box 241
   Baton Rouge, LA 70821-0241
   225 359 7400
   225 359 4045 (FAX)
   swo@EXXON.sprint.com
   Air Products & Chemicals, Inc.
   7201 Hamilton Boulevard
   Allentown, PA 18195-1501
   610 481 6715
   610 481 8051 (FAX)
   ormsbyrw@apci.com
4. **Providing and Maintaining Integrity of Process Control Software** – This session will focus on software safety rather than computer hardware safety issues. We invite papers discussing techniques for ensuring the safety of software systems, management of software change, procedures for testing and de-bugging control and safety software, understanding software issues in Process Hazard Analysis, human factors in software systems, safety and control software security, and case studies of incidents or near misses caused by software errors or problems.

   Chair: Walter L. Frank  
   EQE International  
   1504 North Broom Street – Unit 3  
   Wilmington, DE 19806  
   302 661 0720  
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   Vice-Chair: Daniel A. Crowl  
   Michigan Technological University  
   1400 Towsend Drive  
   Houghton, MI 44931  
   906 487 3221  
   906 487 3213  
   crowl@mtu.edu

5. **Advanced Applications for Loss Prevention Systems** – Process facilities are being operated with ever smaller staffing levels, with some plants in the near future likely to be run entirely without full-time personnel. This session shares concepts and experiences for meeting the very real loss prevention challenges where the human element is intentionally minimized. Issues include remote system operation, real-time abnormal situation detection and response, significantly higher levels of containment and control reliability, resource sharing and mutual aid, and practical limits of outsourcing.

   Chair: Robert W. Johnson  
   Unwin Company  
   1920 Northwest Boulevard, Suite 201  
   Columbus, OH 43212-1147  
   614 486 2245  
   614 486 2141 (FAX)  
   rjohnson@unwin-co.com

   Vice-Chair: Gary C. Phillips  
   Dow Chemical Company  
   2020 Dow Center  
   Midland, MI 48674  
   517 636 1372  
   517 636 0350 (FAX)  
   gphillips@dow.com

6. **Case Histories and Lessons Learned** – Reviews of Process Safety Incidents and near misses provide valuable learning opportunities. Papers detailing incidents, near misses and lessons learned are requested.

   Chair: Joseph R. Natale  
   Mobil Technology Company  
   600 Billingsport Road  
   Paulsboro, NJ 08066-0480  
   856 224 3261  
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   Vice-Chair: Roy E. Sanders  
   PPG Industries, Inc.  
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**To Present a Paper**

Please contact the appropriate session chair and submit a typed abstract of 150-200 words by June 1, 2000. Include the names, addresses, telephone numbers and affiliations of the authors with the abstract. Electronic submissions by e-mail or computer disk are encouraged. Contact the session chair for the preferred electronic file format for diskettes. Session chairs will select papers to be presented and contact the authors by July 1, 2000. Authors of selected papers will need to complete a Proposal to Present (PTP) on the AIChE Worldwide web site by August 1, 2000. Contact the session chair to make other arrangements if you are unable to submit an electronic PTP. Final manuscripts for publication in the Symposium Proceedings are due to the session chairs by November 6, 2000.

**Symposium Chair**

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**Symposium Vice-Chair**

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