



# *Preliminary Call for Papers*

## 45<sup>th</sup> Annual Loss Prevention Symposium (LPS) 7<sup>th</sup> Global Congress on Process Safety AIChE 2011 Spring National Meeting Chicago Hyatt Chicago, IL Date: March 13-17, 2011

The Loss Prevention Symposium (LPS) is one of three parallel symposia that comprise The Global Congress on Process Safety. Organized by Group 11A of the AIChE Safety and Health (S&H) Division, the LPS has been held annually since 1967. The Symposium promotes process safety by providing a forum for practitioners from the chemical industry, allied industries, academia, and government to share technological advances in process safety, explosion prevention, and fire protection as well as to share the lessons learned from incident investigations. The Symposium consists of six sessions, each with six 30-minute presentations. Papers are selected by session chairs based on an abstract of 100 to 200 words. The abstract must offer a brief account of the contents, conclusions, and the relevance of its findings. Submitted abstracts must include the **author, their affiliation, full address, email, and phone number**. Papers must address pertinent process safety issues or useful loss prevention technologies. Authors are encouraged to submit papers that meet the spirit of the symposium, but may not be directly called out in the sessions. Accepted papers will be published in the LPS proceedings. If you wish to present a paper please send an abstract to the appropriate session chair (copying the symposium chair) via email for consideration by September 15, 2010.

### 1 – Fires, Explosions and Reactive Chemicals

The analysis, prevention, protection and mitigation of fire, explosion, and reactivity hazards continue to be important to the loss prevention community. This session invites papers that identify, characterize, or offer design and operational guidance on fire, explosion and reactivity hazards.

<b>Chair</b>	Dr. Erdem A. Ural Loss Prevention Science & Technologies, Inc. 659 Pearl Street Stoughton, MA 02072 781-818-4114 erdem.ural@lpsti.com	<b>Vice-Chair</b>	John F. Murphy Process Safety Services 2304 Kenya Lane Punta Gorda, FL 33983 941-624-0171 hamjfm@embarqmail.com
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### 2 – Impact of Sustainability Efforts on Loss Prevention

Many companies, agencies, and organizations today focus on sustainable development, environmental footprinting, and “green” technologies. This session invites papers that identify, describe or address loss prevention issues in green technologies (such as alternative energy, biofuels, energy conservation, etc.), or that discuss safety benefits or consequences of sustainability or environmental efforts and projects. An example of the latter is the potential for “green” roofs causing structural overloading without special design attention.

<b>Chair</b>	Hank Gurry Proctor & Gamble 513-634-9572 gurry.fh@pg.com	<b>Vice-Chair</b>	Henry L. Febo FM Global P.O. Box 9102 1151 Boston-Providence Tpke Norwood, MA 02062 781-255-4771 henry.febo@fmglobal.com
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### 3 – Risk Assessment – Consequence Modeling and QRA

Consequence modeling and quantitative risk assessment techniques are often applied by the loss prevention professional as part of overall project or facility risk assessment activities. This session invites papers that address the integration and application of such tools and techniques into corporate risk assessment. Papers discussing best practices, case studies, and lessons learned are encouraged.

<b>Chair</b>	Kathleen A. Kas, PE Dow Chemical Company 3100 State Road Croydon, PA 19021 315-785-7261 Kkas@dow.com	<b>Vice-Chair</b>	Cheryl Grounds BP - Exploration & Production, Process Safety Engineering, Segment Technical Authority 501 Westlake Park Blvd. Houston, TX. 77079 – 2696 281-366-4740 Cheryl.Grounds@bp.com
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**4 – Advances in Combustible Dust Hazards Evaluation**

Dust explosion safety continues to be an area of interest and development for loss prevention professionals. OSHA recently announced that it will be developing a federal combustible dust standard. This session invites original papers describing advances in combustible dust hazard evaluation, experimental studies, improved methods for prevention and mitigation, and novel approaches for compliance with the safety standards and regulations.

<b>Chair</b>	Walt Frank Frank Risk Solutions Inc. 1110 Shallcross Ave Wilmington, Delaware 19806 302-521-7588 wlf@FrankRisk.com	<b>Vice-Chair</b>	John Going Fike Corporation (816) 229-3405 john.going@fike.com
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**5 - Case Histories and Lessons Learned (Wednesday PM, 6 Papers to be selected)**

Reviews of process safety incidents and near misses provide valuable learning opportunities. Papers dealing with incidents, near misses, and the lessons learned are requested.

<b>Chair</b>	Lisa Long U. S. Department of Labor - OSHA Office of General Industry Enforcement 200 Constitution Avenue, NW Washington DC 20210 202-693-2409 long.lisa@dol.gov	<b>Vice-Chairs</b>	TBD	TBD
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**2011 Loss Prevention Symposium Chair and Vice Chair**

<b>Chair</b>	Delmar "Trey" Morrison, Ph.D., P.E. Exponent 1011 Warrenville Road, Suite 215 Lisle, IL 60532 630-743-7708 <a href="mailto:tmorrison@exponent.com">tmorrison@exponent.com</a>	<b>Vice-Chair</b>	TBD
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## Instructions to LPS Authors

The *Loss Prevention Symposium* covers process safety for engineering professionals. It addresses such topics as incident investigations, management of hazardous chemicals, prevention of hazardous leaks, risk assessment, evaluation of process hazards, industrial hygiene, fire and explosion analysis, preventive maintenance, vapor cloud dispersion, Process Safety Management, regulatory compliance, training, education, and plant/process security.

Papers from the annual *Loss Prevention Symposium* are considered for publication in *Process Safety Progress*. The editors of *PSP* select the best papers for publication - particularly those that are well written, contain new and unique technical content, and address process safety issues or technologies that are immediately useful to the chemical industry.

Papers will be read and evaluated by the respective session chair as well as the symposium chair. The primary author will receive comments to improve the quality of the paper. If specific corrections or changes are requested as a condition of acceptance, the author must incorporate these and resubmit the paper directly to the session chair. Articles are typically no longer than 16 manuscript pages, including tables and figures.

**Format:** Papers in LPS Proceedings follow the standard technical paper format, using the following sections: abstract, introduction, background, results and discussion, and conclusions. However, authors are free to choose a different format or style if it better illustrates the material being presented. A clear, direct writing style is recommended. Use headings and subheadings to increase the readability. All tables and figures should be numbered and include a short, descriptive caption. A table of nomenclature should be provided for all mathematical terms. All acronyms and terms not commonly known outside of your area of technical specialization must be identified.

**Title Page:** This should contain the complete title of the manuscript and the names and affiliations of all authors. Include the name, address and telephone, telefax numbers, and e-mail address of the author responsible for correspondence.

**Abstract:** Each paper must include an abstract of 100-200 words. The abstract must offer a brief account of the contents, conclusions, and the relevance of its findings. The abstract should not be identical to the introductory paragraphs of the paper. The abstract must include the author affiliation, address, email and phone number.

**Literature Citations:** Any literature directly referenced within the text or in any tables or figures should be notated using brackets with a reference number. Citations should be listed in the order in which they appear in the article. References should be styled in accordance with the reference style shown below:

**Journal Article:**

[1] B. Grunbaum and G. C. Shephard, Edge-transitive planar graphs, *J. Graph Theory* 11 (1987), 141–156.

**Book:**

[2] J. L. Gross and T. W. Tucker, *Topological Graph Theory*, Wiley, New York, 1987.

**Book Chapter:**

[3] R. C. Read and W. T. Tutte, "Chromatic polynomials," *Selected Topics in Graph Theory III* L. W. Beineke and R. J. Wilson, (Editors), Academic Press, New York (1988), pp. 15–42.

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