

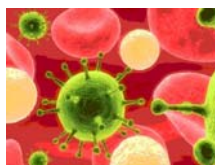
Invitation & call for papers



Europäische Föderation für Chemie-Ingenieur-Wesen
European Federation of Chemical Engineering
Federation Européenne du Genie Chimique

Working Party Loss Prevention

Event Nr. 707



LP2013



www.aidic.it/lp2013

*14th International Symposium on
Loss Prevention and Safety Promotion
in the Process Industries*

12-15 May 2013, Florence, Italy

Organized by

The Italian Association of Chemical Engineering

AIDIC

Welcome

Welcome to the 14th EFCE Symposium on Loss Prevention and Safety Promotion in the Process Industries.

This Symposium shall be a market place for

- presenting new scientific results and concepts
- exchanging of best practices
- learning from experience and case studies

Nearly 40 years have gone by, since safety professionals, scientists and practitioners met on EFCE Loss Prevention Symposia and in this period considerable progress has been achieved in the field of safety in the process industries. The latter includes besides the chemical industry, also oil and gas, energy, pharmaceutical, food and other industries as well as the related service industry.

Despite this progress, we are still witnessing major incidents in Europe and all over the world. Therefore exchanging information and stimulating the development of new methods and the dissemination of data, implementing process safety management which may reduce the risk of fires, explosions and loss of containment in the process industries, is a must and a need.

In the meantime, innovation leads to new processes under yet unknown conditions and introducing potential new hazards from novel or emerging technologies, and materials. Hence, there is a continuous need for further research and development in the field.

To foster new ideas the EFCE Excellence Award for Process Safety will be assigned to outstanding PhD research work for the second time on this conference.

Transfer to practice is as important as development of know-how, and quite some challenges are still to be addressed in order to make further progress in process safety. To name a few: closing the loop from operational experience back to design, development of sufficiently detailed models for emergency response planning, development of the resilience engineering approach, involvement of all levels of management and in particular the operational management level, and so on.

Let us therefore take the opportunity of this Symposium, to learn from each other, to transfer experience and to preserve existing know-how for the benefit of the process industry and the safety of employees and the public.

Eddy De Rademaeker

Mike Considine

Bruno Fabiano, Simberto Senni Buratti

Chairman

Secretary

Chairmen Organizing Committee

WP Loss Prevention

WP Loss Prevention

Loss Prevention 2013

Venue

LOSS PREVENTION 2013 will be held at

Firenze Fiera - Villa Vittoria

Piazza Adua 1, 50123 Firenze

www.firenzefiera.it



The exhibition and congress facilities of Firenze Fiera spa are among the most important and best equipped in Italy and they are located in the historical center of Florence. Florence International Airport "Amerigo Vespucci" is located 4 km from Florence city center. Santa Maria Novella Central Station: 80/100 metres from Palazzo degli Affari.

Format & Topics

The technical program (plenary papers, full and short oral papers, posters, etc.) will be structured into 4 parallel sessions. The preliminary time table includes registration and welcome on Sunday, and from Monday to Wednesday, paper presentations.

THEME 1 – RISK MANAGEMENT AND REGULATORY ISSUES

- Hazard identification
- Risk assessment and evaluation
- Consequence modelling
- Siting and land-use planning
- Regulatory issues (REACH, ATEX, SEVESO, GHS, PED etc.)
 - Technical issues
 - Impact on Small Medium Enterprises
 - Regulation in developing countries
- Transport risks
- Security risks
- Impact of natural hazards
- Novel assessment methods
- Risk communication
- Crisis management and emergency preparedness

THEME 2 – HUMAN FACTOR AND MANAGEMENT SYSTEMS

- Human factors in the control of major hazards
- Ergonomics, including the design and manning of control rooms
- Competence and capability
- Safety culture
- Process safety performance (indicators and metrics)
- Process safety education and training
- Organisational change
- Outsourcing and subcontracted activities
- Health, safety, environment and security management systems
- Contract manufacture
- Asset integrity

THEME 3 – LEARNING FROM ACCIDENT AND KNOWLEDGE TRANSFER

- Lessons learned from accidents
- Identification of root causes

- Implementation of lessons learned
- Knowledge transfer
- Teaching methods and tools
- Experience from other industries
- Communication and education

THEME 4 – PROCESS SAFETY ENGINEERING

- Safety critical systems
- Sustainability
- Inherent safety
- Designing for safety
- Fire and explosion mitigation
- Plant layout and domino effects
- Biotechnology
- Laboratory and pilot scale plants
- Nuclear energy safety
- Resilience engineering
- Emerging technologies

THEME 5 – MATERIAL HAZARDS

- Hazards from novel or emerging technologies
- Material hazardous properties
- Hazards of nano-materials
- Chemical reaction classification (REACH, GHS)
- Predicting hazardous properties (computation, QSPR)

Abstract submission

Authors wishing to present a contribution are asked to prepare maximum one page abstract to be submitted online www.aidic.it/lp2013

First deadline is February 29th, 2012

For each accepted abstracts the submission of a full paper is required.
For each papers published into the CET proceedings, a fee is required.

Publication Policy

The full set of accepted papers of LP2013 Symposium (in the form of short papers of 6 pages) will be published into CET "Chemical Engineering Transactions" .
The quality of this publication is valued by ISBN & ISSN numbers, referenced by SCOPUS and THOMSON REUTERS (ISI Web of Knowledge, conference proceedings) citation indexes.
Each Paper in the volume is covered by a copyright assigned to AIDIC Servizi S.r.l.
Each Paper is evaluated for acceptance by at least three Peer Reviewers.

Safety Award

The EFCE presents a triennial Excellence Award to recognise a PhD thesis or paper published in the preceding three - year period, which demonstrates an outstanding contribution to research and/or practice in process safety.
The first EFCE Excellence Award in Process Safety was presented at the 13th Loss Prevention Symposium in Brugge, Belgium.

Call for Nominations 2nd award - Nominations are now accepted for the second award to be presented at the 14th Loss Prevention Symposium 2013 in Florence, The details can be found under: http://www.efce.org/WP_LP.html
Submission of candidates for this safety award: **September 30, 2012**

Deadlines

2012 February 29th

First abstract submission – **postponed to March 25th**

2012 May 15th

Information to authors on abstract acceptance

2012 August 31st

Submission of full manuscript for refereeing

2012 December 15th

Information to Authors on final paper acceptance/ revision of full paper

2013 January 15th

Final revised manuscript submission

2013 February 28th

Final revised manuscript decision

2013 March 1st

Registration for Authors to have the paper included in the program and proceedings

International Scientific Committee

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De Rademaeker Eddy *Prevention Management International BVBA, Belgium*

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Accommodation & Social program

Participants have to make hotel reservation by themselves.

FLORENCE PROMHOTELS, tourism promotion office in Florence, will assist the LP2013 delegates.

FLORENCE PROMHOTELS will reserve a pool of rooms and they will also organize the social program for accompanying persons.

Details will follow on LP2013 website by the beginning of 2013



Exhibitor & Sponsor

Companies and organisations willing to support the Conference are invited to contact the Secretariat for further information. Participants from industry are welcome.