



Hazards AP

The 2nd Hazards Asia Pacific Symposium

16–18 April 2013

Shangri-La Hotel, Kuala Lumpur, Malaysia

Conference Partner :



Organised by:



The 2nd Hazards Asia Pacific Symposium

16–18 April 2013

Shangri-La Hotel, Kuala Lumpur, Malaysia

IChemE and the Chemical Industries Council of Malaysia are pleased to confirm further programme details for the Second Hazards Asia Pacific Symposium (Hazards AP 2013)

This major process safety conference will build on the successful 1st Hazards Asia Pacific Symposium held in 2011 and the long running Hazards Symposium series, which is now firmly established as Europe's premier chemical process safety conference.

In April 2013, the meeting will be staged in Malaysia for the second time, bringing a wealth of process safety expertise within reach of a new audience. The programme features an outstanding list of invited plenary speakers, including global process safety leaders from four major companies: BASF, DuPont, PETRONAS and SK Innovation. Regulators from China, the UK and the US will give their views on the way ahead and the line up is completed by a world expert on the role of human factors in securing excellence in process safety performance.

Hazards AP 2013 is a three day conference incorporating plenary sessions supported by a twin track technical programme containing more than 40 peer reviewed papers. The meeting will provide an essential forum for international experts and safety professionals to discuss the latest developments in chemical process safety and share examples of best practice. Special emphasis will be placed on the challenges facing operators in the Asia Pacific region. An exhibition of safety products and services will run alongside the conference providing an ideal networking forum.

Hazards AP 2013 is a must attend event for everyone with an interest in process safety, including operators in the oil, gas, chemical and power generation sectors. In addition, the programme will be of interest to regulators, insurers and all those with an involved interest in securing excellent process safety standards in the Asia Pacific region.

Confirmed plenary and keynote speakers



Judith Hackitt CBE – UK

Health & Safety Executive

Judith Hackitt CBE is the chair of the British Health & Safety Executive (HSE); a role she has occupied since 2007. She was reappointed for a three year term in 2012. In Great Britain the HSE is responsible for the encouragement, regulation and enforcement of workplace safety and for research into occupational risks across a wide range of activities including high hazard industries. Hackitt has argued tirelessly for improved standards in process safety leadership drawing on the lessons learned from Flixborough, Texas City, Buncefield and other major incidents.

Hackitt trained as a chemical engineer at Imperial College London. She started her career with Exxon Chemicals at their Fawley refinery in the UK in 1975

before moving to the UK's Chemical Industries Association (CIA), where she was appointed Director General in 2002. This was followed by a period in Brussels with the European Chemical Industry Association (CEFIC). In May 2013, Hackitt will become the 73rd President of the Institution of Chemical Engineers.

She is also a Fellow of the Royal Academy of Engineering and an Honorary Vice President of the Institution of Occupational Safety and Health.

Hackitt will speak on "complacency to anxiety - the road to process safety leadership"

In association with :



Gold Sponsor :





Hans Volkmar Schwarz – Germany

BASF

Hans Volkmar Schwarz is a Vice President with group wide responsibility for process safety at BASF, the world's largest diversified chemical company with more than 100,000 employees in over 80 countries, and global sales exceeding \$80bn in 2010. Schwarz started his career at BASF in 1986 and he has progressed through the organisation with senior roles in Europe and North America, including plant management, project management, technology director and project director with responsibility for supply chain optimisation. He assumed his current role in 2010.

Schwarz graduated as a chemist at the Technical University of Darmstadt in Germany before obtaining his doctorate at the Ruprecht-Karls University in Heidelberg, also in Germany. He is a co-owner of a new startup company which builds and operates solar power installations, using cost effective and innovative components.

Dr Schwarz will talk about BASF's approach to process safety in the Asia Pacific region



Datuk Wan Zulkiflee bin Wan Ariffin – Malaysia

PETRONAS

Datuk Wan Zulkiflee is the Chief Operating Officer and Executive Vice President for downstream operations at PETRONAS, the national oil and gas company of Malaysia. He is a member of the PETRONAS Board and several senior management committees within PETRONAS, its subsidiary companies and its joint ventures.

Datuk Wan Zulkiflee graduated in chemical engineering from the University of Adelaide, South Australia. He also attended Harvard Business School. In a career spent entirely with PETRONAS, which he joined in

1983 as a process engineer, Datuk Wan Zulkiflee has held various positions of responsibility including that of General Manager in the international project management division for oil and gas production and Managing Director and Chief Executive Officer of PETRONAS' gas business. He currently serves as the industry advisor to the engineering faculty at the University Putra Malaysia. He was made an Honorary Fellow of IChemE in 2005.

Datuk Wan Zulkiflee will use his plenary to discuss PETRONAS and the process safety challenge



Wang Haoshui – China

State Administration of Work Safety

Appointed in 2006, Wang Haoshui serves as Director General in the Department of Hazardous Chemicals and Work Safety Supervision. The department falls within the Chinese government's State Administration of Work Safety. Previously, Haoshui worked at the Sinopec Qilu Petrochemical Corporation, in Shandong province. Sinopec Qilu is a major refining, chemical, fertilizer and fibre manufacturing operation integrated with petroleum, salt, coal, gas and chemical processing. He played a key role in the construction, commissioning and operation of polyolefin and aromatic chemical plants, progressing from production

line management, through to plant management and ultimately Vice President and General Manager.

With his rich background in chemical production and safety management he was seen as the ideal choice to lead China's nationwide safety supervision programme, with responsibility for hazardous chemical production, including petrochemicals and pharmaceuticals.

Haoshui will give a view on China's supervision and administration of safety in the chemical industry in China.



Yang Soo Lee - South Korea

SK Innovation

Yang Soo Lee is the Senior Vice president with responsibility for health safety and environment matters at SK Innovation. Lee has enjoyed a successful career with SK and its subsidiaries spanning thirty years. He joined Yukong Ltd. in 1983 rising to the level of Vice President of Crude and Product Operation in 2005. In 2008 he became Vice President with responsibility for Yukong's Heavy Oil Upgrading Division. In 2010 he moved on to the role of Vice President Production Division.

The SK Group is Korea's third largest conglomerate employing 30,000 at 113 locations worldwide. SK's primary business activities are in the chemical, petroleum and energy industries.

Lee will offer an overview of the latest approaches towards safety culture and reliability in the Korean process industries.



John Bresland – US

Mary Kay O'Connor Process Safety Centre

John Bresland is president of Process Safety Risk Assessment LLC, a United States consulting company focusing on the chemical and energy sectors. He is also a Research Fellow at the Mary Kay O'Connor Process Safety Center of Texas A&M University, College Station, Texas.

In 2002 he was nominated by President George W. Bush and confirmed by the Senate to serve a five year term as a Board Member of the U.S. Chemical Safety and Hazard Investigation Board. In July 2007 President Bush nominated him for a 5 year term as the Chairman of the Chemical Safety Board and he was confirmed by the Senate in March 2008. He served as Chairman from March, 2008 until June 2010, when President Obama appointed Dr. Rafael Moure-Eraso as Chairman. Mr. Bresland resigned from the Chemical Safety Board on August 31, 2012.

From 1966 to 2000 he worked for Honeywell International Inc. (formerly AlliedSignal Inc.) in West Virginia, Philadelphia, Pennsylvania; Hopewell, Virginia and Morristown, New Jersey. He held positions in

process engineering, environmental compliance, project management and manufacturing. Before moving to Honeywell's headquarters in New Jersey in 1995 he was Plant Manager of the Honeywell phenol and acetone manufacturing plant in Philadelphia.

He has been Chairman of the Community Awareness and Emergency Response Task Group of the American Chemistry Council and Chairman of the United States Federation of State Chemical Associations.

He is a member of the American Institute of Chemical Engineers, the American Chemical Society, the Institute of Chemical Engineers and a Fellow of the Royal Society of Chemistry. He graduated in chemistry from Londonderry Technical College, Northern Ireland and from Salford University, England.

Bresland's plenary contributions will highlight how the chemical and oil industries can achieve world class process safety performance - lessons learned from his years in the industry and at the US Chemical Safety Board.



W. Ian Hamilton – UK

ERM

W. Ian Hamilton was appointed to run the Global Human Factors team at leading EHS consultancy practice, ERM, in 2012. A human factors professional with 28 years' experience, he started his career in 1984 working in the defence sector with several years working on military aircraft projects before moving to air traffic management.

In 1990 his focus switched to the rail, transport and the energy sectors. In 1995 he founded Human Engineering Limited, which grew to become the UK's largest human factors consultancy, employing over 60 people. He specialised in human factors integration into major projects and operational assurance within the safety critical industries. In 2008 Human Engineering

became part of the Lloyd's Register Group, and since then his work has been global in support of Lloyd's Register's clients in the maritime and O&G sectors.

A psychology graduate with a master's degree in ergonomics, most recently Hamilton has focused on managing organisational integrity. This is the application of human and organisational psychology to assure reliable enterprise performance and safety management.

Hamilton will talk about controlling human error for more effective process safety management.



Juan Gabriel Aguiriano – Singapore

DuPont

Juan Gabriel Aguiriano is Worldwide Managing Director of Sustainable Operations for DuPont Sustainable Solutions. An expert in corporate sustainability, climate change, and energy efficiency strategies, Aguiriano has advised senior executives from some of the top 500 corporations in Europe, the Middle East and Africa in industries such as oil and gas, power and utilities, cement, mining and steel.

He joined DuPont in 1989 and until 2002 held regional and global positions in general management, finance, sales, and marketing for the company's Lycra business. In 2002, he became the Global Innovation Director for DuPont INVISTA Apparel, followed by an appointment

in 2004 to Corporate Marketing Director for DuPont in the EMEA region. In 2005, he was named President, EMEA, for DuPont Safety Resources, which is now part of DuPont Sustainable Solutions. He assumed his current position in May 2008.

Currently based in Singapore, Aguiriano, who is an economics graduate and a native of Spain, has also been stationed in Portugal, Spain, the United Kingdom, and Hong Kong during his DuPont career.

Aguiriano's plenary will explore achieving business sustainability through effective management of process and operational risks.

Provisional programme

Contributions were invited under the following broad headings:

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|-------------------------------------|--|
| – Management of abnormal operations | – Learning from major hazard incidents |
| – Asset integrity | – The challenge of regulatory compliance |
| – Operational safety | – Process safety design and analysis |
| – Process safety management | |

The call for papers attracted a healthy response across all categories and the Technical Committee led by Dr. Christina Phang is currently reviewing abstracts ahead of the publication of the conference programme in December. Submissions have been received from many leading companies including: ABB, AstraZeneca, Baker Risk, ERM, Dupont, Gex Con, Worley Parsons, Tsinghua University, Texas A&M and University of Teknologi, Malaysia.

The programme, which runs across three full days from Tuesday 16 April to Thursday 18 April 2013 will also feature a welcome reception and conference banquet as well as regular refreshment breaks in the exhibition area, providing ample opportunities for networking and identifying new business opportunities.

Provisional programme

Tuesday 16 April 2013

07:00 – 08:30

Registration

08:30 – 09:15

Opening ceremony

09:15 – 09:45

Plenary speaker 1

09:45 – 10:15

Plenary speaker 2

10:15 – 10:35

Panel discussion

10:35 – 11:00

Refreshment break and exhibition/poster viewing

11:00 – 13:00

Sabah Room	Perak and Selangor 1
Process safety design and analysis (part 1)	Asset integrity

13:00 – 14:15

Lunch break and exhibition/poster viewing

14:15 – 14:55

Plenary speaker 3

14:55 – 15:25

Sabah Room	Perak and Selangor 1
Operational safety (part 1)	The challenges of regulatory compliance

15:55 – 16:15

Refreshment break and exhibition/poster viewing

16:15 – 17:45

Sabah Room	Perak and Selangor 1
Operational safety (part 1 continued)	Process safety management (part 1)

17:45

Welcome reception

Wednesday 17 April 2013

07:00 – 08:30	Registration	
08:30 – 09:00	Plenary speaker 4	
09:00 – 09:30	Plenary speaker 5	
09:30 – 09:50	Panel discussion	
09:50 – 10:50	Sabah Room	Perak and Selangor 1
	Operational safety (part 2)	Process safety management (part 2)
10:50 – 11:15	Refreshment break and exhibition/poster viewing	
11:15 – 12:45	Sabah Room	Perak and Selangor 1
	Operational safety (part 2 continued)	Process safety management (part 2 continued)
12:45 – 14:00	Lunch break and exhibition/ poster viewing	
14:00 – 14:40	Plenary speaker 6	
14:40 – 15:40	Sabah Room	Perak and Selangor 1
	Process safety management (part 3)	Learning from major hazards incidents
15:40 – 16:15	Refreshment break and exhibition/poster viewing	
16:15 – 17:45	Sabah Room	Perak and Selangor 1
	Process safety management (part 3 continued)	Learning from major hazards incidents (continued)
19:30	Conference banquet	

Thursday 18 April 2013

07:00 – 08:30	Registration	
08:30 – 09:00	Plenary speaker 7	
09:00 – 09:30	Plenary speaker 8	
09:30 – 09:50	Panel discussion	
09:50 – 11:20	Sabah Room	Perak and Selangor 1
	Process safety design analysis (part 2)	Operational safety (part 3)
11:20 – 11:40	Refreshment break and exhibition/poster viewing	
11:40 – 12:50	Sabah Room	Perak and Selangor 1
	Process safety design analysis (part 2 continued)	Management of abnormal operations
12:50 – 14:00	Lunch break and exhibition/ poster viewing	
14:00 – 15:30	Sabah Room	
	Process safety design analysis (part 3)	
15:30 – 15:45	Closing ceremony	

Organising and technical committees

Organising committee:

Chair

Paul R Ellis	Schaefer Kalk (M) Sdn. Bhd.	Malaysia
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Secretary

Chan Pek Wan	CICM	Malaysia
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B P Chow	Aquakimia Sdn Bhd	Malaysia
Mike Fox	Talisman Malaysia Sdn. Bhd	Malaysia
Muhtar Hashim	Ancom Berhad	Malaysia
Ong Ewe Hock	DuPont Malaysia Sdn Bhd	Malaysia
Christina Phang	Environmental Resources Management	Malaysia
Mohamed Noor Sany	E-Response Management Sdn Bhd	Malaysia
John H Thornton	Phillips 66 Asia Pacific Refining	Malaysia
Prof Jinsong Zhao	Tsinghua University	China
Mohan Balasingam	IChemE	Malaysia
Rosemary Cragg	IChemE	UK
Andrew Furlong	IChemE	UK
Yan Tsaur	IChemE	China

Technical committee:

Chair

Christina Phang	Environmental Resources Management	Malaysia
Rudolf Bakkara	Chevron Indonesia Co	Indonesia
Shelia Beattie	Sygenta	UK
Mike Fox	Talisman Malaysia Sdn Bhd	Malaysia
Mark Hailwood	LUPW	Germany
Dan Miller	BASF Corporation	US
Pronab Mukharjee	AOW Global Risk Consulting	Mumbai
Allen Ormond	ABB	UK
Michael Persaud	Shell Projects and Technology	Malaysia
Reginald Tan	National University	Singapore

Sponsorship and exhibition

Hazards AP offers an invaluable opportunity for your organisation to demonstrate its commitment to securing and advancing process safety standards in the Asia Pacific region. IChemE and CICM are pleased to announce that PETRONAS Chemicals Group are supporting the conference as lead partner and platinum sponsor. Many other companies have expressed interest in sponsorship packages and further partners will be announced in due course. Sponsorship opportunities are limited and interested parties should contact the conference secretariat for further information.

In addition to sponsorship packages, organisations with an interest in chemical and process safety may wish to consider taking an exhibition stand at *Hazards AP*. The exhibition, which will feature a wide range of safety products and services, will be conveniently located adjacent to the conference auditorium. Refreshment breaks will be taken within the exhibition area providing ample opportunity for networking and securing new business contacts.

Secretariat and contact address

For further information and to register your interest in attending, please visit the conference web-site at:

www.icheme.org/hazardsap2013

or email: hazardsap@icheme.org

Contact for all correspondence:

Ms. Chan Pek Wan
Hazards Asia Pacific Secretariat
Chemical Industries Council of Malaysia (CICM)
Wisma FMM, No. 3, Persiaran Dagang,
PJU 9, Bandar Sri Damansara
Kuala Lumpur
Malaysia
52200
Tel : +603 62867200
Fax : +603 62776714

Organised by:

Chemical Industries Council of Malaysia (CICM)

CICM promotes the interest and development of the chemical industry and has affiliations with the various sub-sector chemical groups locally with a view to establish a stronger and better representation of the Malaysian chemical industry.

For further information, visit www.cicm.org.my

Institution of Chemical Engineers (IChemE)

IChemE is the hub for chemical, biochemical and process engineering professionals worldwide. With a growing global membership approaching 37,000, the Institution is at the heart of the process community, promoting competence and a commitment to best practice in all aspects of process safety.

For further information, visit www.icheme.org

Please note that the programme may be subject to alteration without notice

IChemE is a registered charity in England and Wales, and a charity registered in Scotland (SC 039661)

IChemE offices in Kuala Lumpur, London, Melbourne, Rugby, Shanghai and Wellington

www.icheme.org

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