

2008

Conference Announcement

# PSAM 9

International Conference on Probabilistic Safety Assessment and Management

*An IAPSAM Conference*

18 - 23 May 2008 • Hong Kong • China

**Theme:** Improvement of the economic and safety performance in complex technological systems.

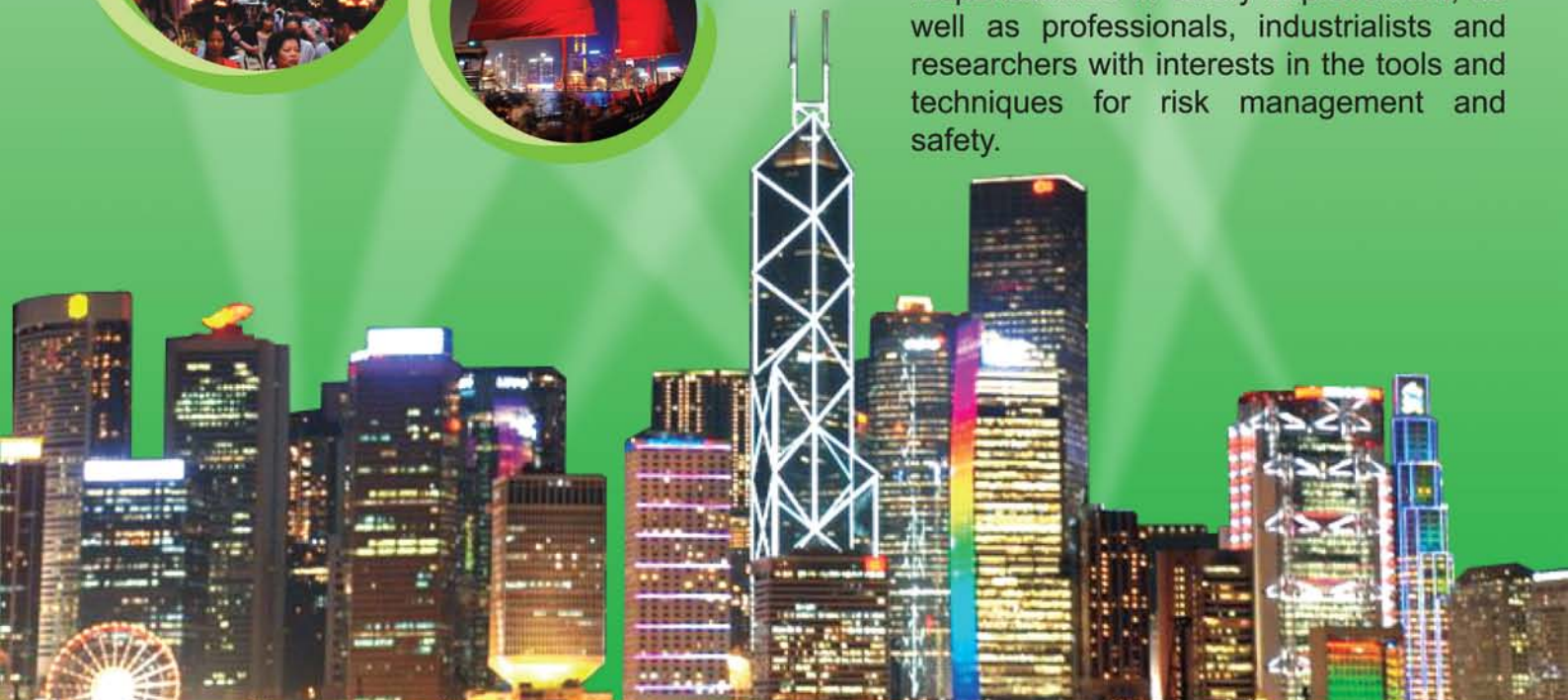
**Objective:**

To provide a platform for engineers and safety practitioners from different industries and technical disciplines to share their view and experience in the applications of risk management.



**Who should attend:**

Engineers and safety practitioners with responsibilities in safety improvement, as well as professionals, industrialists and researchers with interests in the tools and techniques for risk management and safety.



Organized by:  International Association for PSAM

In Collaboration with:  **HKARMS** 香港風險管理與安全協會  
Hong Kong Association of Risk Management and Safety

[www.psam9.org](http://www.psam9.org)

## The Scope of Conference

This Conference will be the major international event in probabilistic safety assessment (PSA) for 2008. The Conference will focus on the improvement of performance and safety of complex technological systems, economics, and environment — accentuating a broad PSA application and the human element. Domains will be broad to ensure the cross - fertilization of methods, technologies and ideas.

The Conference has attracted over 350 papers from over 30 countries, the quality of the papers is assured by a Technical Program Committee comprising of local and overseas experts and top professionals. Speakers at the Conference will present and discuss innovative methodologies and practical applications in both reliability analysis and PSA.

### Guests Of Honors

- **Ir Dr. Raymond Ho**, SBS, MBE, SBStJ, JP, Member of Legislative Council (Engineering Functional Constituency), The Government of the Hong Kong Special Administrative Region, Hong Kong Deputy to the Eleventh National People's Congress of the People's Republic of China
- **Ir Chai - Kwong Mak**, JP, The Permanent Secretary for Development (Works) Development Bureau, The Government of the Hong Kong Special Administrative Region
- **Mr. Bernard Fung**, Chairman & CEO, Aon Asia Limited, Hong Kong, China

### Keynote Speaker

- **Prof. George E. Apostolakis**, Massachusetts Institute of Technology, United States of America  
*Decision Analysis and Risk Management*

### Plenary Speakers

- **Prof. Terje Aven**, University of Stavanger, Norway  
*What is Risk? Different Perspectives and Implications for Risk Management*
- **Dr. Vinh Dang**, Paul Scherrer Institute (PSI), Switzerland  
*Quantifying the Human Factor – Time for a Change*
- **Ir Kwong - Wai Ho**, JP, Director of Electrical and Mechanical Services, Electrical and Mechanical Services Department, The Government of the Hong Kong Special Administrative Region  
*Managing Public Safety with a Risk Based Approach*
- **Prof. Way Kuo**, President - Designate of City University of Hong Kong, Hong Kong, China  
*Challenges in Dealing with Modern Reliability Issues*
- **Mr. Andrew McCusker**, Operations Director, MTR Corporation Limited, Hong Kong, China  
*Risk Management - An Essential Strategy for Business Success*
- **Prof. Wolfgang Kröger**, ETH Zürich, Switzerland  
*Interdependencies Among Technical Systems: the Why, What, and How*

## Conference General Chair

### Dr. Vincent Ho

MTR Corporation Limited, Hong Kong, China

E-Mail: [vsho@psam9.org](mailto:vsho@psam9.org)

## Technical Program Committee

The quality of paper is assured by our Technical Program Committee comprising of local and overseas experts and top professionals.

For a full list of TPC members, please visit [www.psam9.org/TPC/](http://www.psam9.org/TPC/).

### Technical Program Chair

#### Dr. Tsu - Mu Kao

Institute of Nuclear Energy Research, Taiwan, R.O.C.

E-Mail: [tmkao@psam9.org](mailto:tmkao@psam9.org)

### Associate Technical Program Chair

#### Prof. Enrico Zio

Politecnico di Milano, Italy

E-Mail: [ezio@psam9.org](mailto:ezio@psam9.org)

## Previous PSAM Conferences

PSAM 1	1991	Beverly Hills, USA	PSAM 5	2000	Osaka, Japan
PSAM 2	1994	San Diego, USA	PSAM 6	2002	San Juan, USA
PSAM 3	1996	Crete, Greece	PSAM 7	2004	Berlin, Germany
PSAM 4	1998	New York, USA	PSAM 8	2006	New Orleans, USA

## Key Technical Areas

The Conference Technical Program runs from 19 May through 23 May 2008. Please visit [www.psam9.org/Program/](http://www.psam9.org/Program/) for Conference detail program.

Accident Analysis	PSA Applications
Balancing Risks & Processing Safety	Reactor Shutdown PSA
Bayesian Methods	Risk Assessment for Space System, Oil Production
Business Risk Management	Risk - Informed Applications
Cost Benefit Analysis	Risk - Informed Decision Making
Dynamic PSA	Risk Insights
Dynamic System Reliability	Risk Management and Practical Applications
Environmental Risk Assessment	Risk / Safety Monitors
Fire PSA	Safety Assessment Applications
Hazard Risk Assessment	Safety Management Systems
Human Behaviour & Risk	Safety Modelling Software, Software Safety Culture
Human Reliability Assessment	Security and Emergency Response
Industrial Safety	Sensitivity & Uncertainty
Infrastructure Safety	Software Reliability
Nano Structures	Standards and Safety Goals
Occupational Safety and Hazard Assessment	Statistical Modelling
Open PSA	Structural Reliability
Operating Experience	System Improvement and Optimization
Organizational & Government Policy	Systems and Financial Risk Management
Passive Reliability	Transportation Systems: Automotive, Railway

## Social Events

### Soccer Match

A friendly soccer match between PSAM9 delegates and local engineering professionals will take place in the afternoon of 18 May 2008. All are welcome to cheer for us.

### Conference Reception

A welcome reception will be held at the Conference Hotel in the evening of 18 May 2008. Unlimited wine and beer!

### Exhibition

A technical exhibition will take place during the Conference. Exhibitors will highlight their latest products and services, and give demonstrations of the latest risk assessment and safety software and equipment. The exhibition is opened to the public.

### Conference Luncheon and IAPSAM General Meeting

The Conference Luncheon and IAPSAM General Meeting will be held on 20 May 2008.

### Gala Dinner

Gala Dinner will be held on 21 May 2008 aboard the Harbour Cruise Bauhinia with stunning world famous Victoria Harbour night scene as background. Unlimited wine and beer!

### Farewell Social

A farewell lunch will be provided to all participants at noon, 23 May 2008.

### Technical Site Visits

Technical Site Visits of Hong Kong engineering achievements are arranged for Conference participants and companions. For details of the Site Visits, please visit [www.psam9.org/Site\\_Visit/](http://www.psam9.org/Site_Visit/).

## Registration

Registration forms for the Conference and Hotel Room Booking can be downloaded from [www.psam9.org](http://www.psam9.org).

## Language

The official language of the Conference is English. It will be adopted in all presentations and discussions.

## Venue

Kowloon Shangri-la Hotel, 64 Mody Road, Tsimshatsui East, Kowloon.

## Sponsored by

(List by Alphabetical Order.)

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Utility Training Institute

## Supporting Organizations

(List by Alphabetical Order.)

American Society of Mechanical Engineers (Hong Kong, China)  
Building Services Operation and Maintenance Executives  
Society (Hong Kong, China)  
Captive Review (United Kingdom)  
Chinese Society for Quality (Taiwan, R.O.C.)  
Chung - Hwa Nuclear Society (Taiwan, R.O.C.)  
Construction Industry Safety - Management Association  
(Hong Kong, China)  
Contractor's Authorised Signatory Association (Hong Kong, China)  
Department of Building & Construction, City University  
of Hong Kong  
Department of Mechanical Engineering, Hong Kong University  
of Science and Technology  
European Safety and Reliability Association  
Guangdong Automation Association  
Guangxi Association for Science and Technology  
Hong Kong College of Technology  
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Hong Kong Institute of Utility Specialists  
Hong Kong Institution of Engineers - Associate Members  
Committee  
Hong Kong Institution of Engineers - Gas & Energy Division  
Hong Kong Institution of Engineers - Mechanical, Marine, Naval  
Architecture & Chemical Division

### Bronze Sponsors

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### Exhibitors

ABS Consulting  
Idaho National Laboratory  
ITEM Software  
Politecnico di Milano  
Relcon Scandpower AB

### Appointed Travel Agency

China Travel Service (Hong Kong) Limited  
For any accommodation and travel arrangement, please contact  
**Ms Dolly Ng** at [cyr@ctshk.com](mailto:cyr@ctshk.com).

Hong Kong Institution of Engineers - Nuclear Division  
Hong Kong Institution of Engineers - Safety Specialist Committee  
Hong Kong Institution of Engineers - Young Members Committee  
Hong Kong Occupational Safety & Health Association  
Hong Kong Polytechnic University, Industrial Centre  
Hong Kong Polytechnic University, Research Centre for Fire  
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Hong Kong Registered Safety & Auditors Association  
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Institute of Measurement and Control (Hong Kong, China)  
Institution of Occupational Safety & Health, Hong Kong  
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The Chartered Institute of Logistics and Transport in Hong Kong  
The IEEE Reliability Society  
The Korean Nuclear Society  
The Korean Society of Safety  
The Society of Operations Engineers (Hong Kong Region)  
The System Safety Society (United States of America)

## Enquiries

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