



# Fire Asia

*New Horizons for a Safer Society*  
**2012**

8<sup>th</sup> to 10<sup>th</sup> February 2012

Hong Kong Convention and Exhibition Centre

## Event Highlights



HK E



## Introduction.....

Scientific innovation and technological advancement bring prosperity and comfort to lives. Yet technology alone does not guarantee a safer world. With a changing socio-economic landscape and global climate, the people in the world are increasingly vulnerable to natural disasters like typhoons, earthquakes and tsunamis, leading to nuclear and radioactive incidents, such as the recent crisis in Japan. A wide spectrum of new challenges, together with the ongoing threats of terrorist attacks and outbreaks of new infectious diseases, highlight the need for a comprehensive life-saving strategy along with well-defined monitoring systems, emergency procedures, contingency plans and coordinated engineering practices.

Effective emergency management involves interactions among different parties, such as emergency services, private sectors and volunteer organisations. It is crucial that all stakeholders are adequately trained and prepared to play their roles in a coordinated manner.

## Conference Theme.....

“New Horizons for a Safer Society” is the main theme of “Fire Asia 2012”, covering the areas of performance-based solution, engineering for safety, emergency preparedness and management of emergency services.

Architects, planners, engineers, fire and emergency services professionals are also making a collaborative effort to promote safety within their respective fields. Through the process of information and experience sharing, validated techniques and procedures, and good ideas are made known to all parties concerned striving to meet the new challenges.

## Organizers.....

The Conference is organized jointly by the Institution of Fire Engineers (Hong Kong Branch), the Ambulance Service Institute (Hong Kong Branch), the China Hong Kong Fire Protection Association, the Building Service Division and the Fire Division of Hong Kong Institution of Engineers, with the full support of the Hong Kong Fire Services Department.

## Language.....

The major official language of the conference is English.

## Please return to:.....

Mr. Adrian LEE  
c/o Creative Consulting Group,  
Fire Asia 2012 Conference Secretariat,  
Room 1106-08, 11/F,  
CC Wu Building, 302-308 Hennessy Road,  
Wan Chai, Hong Kong

Tel: (852) 2372 0090

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E-mail: [secretary@fireasia2012.org](mailto:secretary@fireasia2012.org)



## Website.....

Detailed information of the Conference is available at: <http://www.fireasia2012.org>



# Fire Asia

## New Horizons for a Safer Society 2012

8-10 February 2012  
Hong Kong Convention and Exhibition Centre

### Tuesday 7 February 2012

Event : **RECEPTION COCKTAIL**

Time : 1730 hours to 1930 hours

Venue : Hong Kong Convention and Exhibition Centre – Room N101

### Wednesday 8 February 2012

Event : **REGISTRATION/INFORMATION TABLE**

Time : 0830 hours to 1700 hours

Venue : Hong Kong Convention and Exhibition Centre – Room N101

Event : **OPENING CEREMONY**

Time : 0930 hours to 1000 hours

Venue : Hong Kong Convention and Exhibition Centre – Room N101

Event : **CONFERENCE SESSIONS**

Time : 1000 hours to 1700 hours

Venue : Hong Kong Convention and Exhibition Centre – Room N101 & Room N107

Event : **LUNCH on the 1st Day Conference**

Time : 1245 hours to 1415 hours

Venue : Hong Kong Convention and Exhibition Centre – Room N201

8-10 February 2012  
Hong Kong Convention and Exhibition Centre

**Thursday 9 February 2012**

Event : **REGISTRATION/INFORMATION TABLE**

Time : 0830 hours to 1700 hours

Venue : Hong Kong Convention and Exhibition Centre – Room N101

Event : **CONFERENCE SESSIONS**

Time : 0930 hours to 1215 hours

Venue : Hong Kong Convention and Exhibition Centre – Room N101 & Room N107

Event : **LUNCH on the 2nd Day Conference**

Time : 1215 hours to 1330 hours

Venue : Hong Kong Convention and Exhibition Centre – Room N201

Event : **TECHNICAL VISIT**

Time : 1330 hours to 1700 hours

Venue : To be confirmed

Event : **CULTURAL DINNER – NIGHT CRUISE AT VICTORIA HARBOUR**

Time : 1900 hours

Venue : Assemble at North Point (East) Passenger Pier. Shuttle will be provided at International Commerce Centre (Venue of Technical Visit), Novotel Century Hong Kong Hotel and Hong Kong Convention and Exhibition Centre

**Friday 10 February 2012**

Event : **REGISTRATION/INFORMATION TABLE**

Time : 0830 hours to 1215 hours

Venue : Hong Kong Convention and Exhibition Centre – Room N101

Event : **CONFERENCE SESSIONS**

Time : 0930 hours to 1700 hours

Venue : Hong Kong Convention and Exhibition Centre – Room N101 & Room N107

Event : **LUNCH on the 3rd Day Conference**

Time : 1215 hours to 1415 hours

Venue : Hong Kong Convention and Exhibition Centre – Room N201

Event : **CLOSING CEREMONY**

Time : 1700 hours to 1730 hours

Venue : Hong Kong Convention and Exhibition Centre – Room N101

Event : **GALA DINNER**

Time : 1900 hours to 2200 hours

Venue : Hong Kong Convention and Exhibition Centre – Room N201

# Programme for Fire Asia 2012



**Date: 8 February 2012 (Wednesday)**

0930 - 1000	<p><b>Opening Ceremony</b></p> <p>Welcoming Speech : <i>Dr. LO Siu-hang, Shane, President, Institution of Fire Engineers (Hong Kong Branch)</i></p> <p>Opening Remarks : <i>Mr. CHAN Chor-kam, Andy, Director of Hong Kong Fire Services</i></p> <p>Keynote Address : <i>Mr. Ambrose LEE, GBS, IDSM, JP, Secretary for Security, Hong Kong Special Administrative Region</i></p>
<b>Session One (AM)</b> (Room N101)	Session Chairman : <i>Mr. Tay Hao Giang, International President, Institution of Fire Engineers</i>
1000 - 1030	<p><b>Topic TBC</b></p> <p><i>Sir Ken Knight, Chief Fire and Rescue Advisor, Communities &amp; Local Government, United Kingdom</i></p>
1030 - 1100	Tea Break
1100 - 1130	<p><b>Experience Sharing for a Recent Fire Incident at Dalian Oil Installation</b></p> <p><i>Senior Colonel YANG Guo-hong, Deputy Chief of Training and Operational Division, Fire Department of the Ministry of Public Security, the People's Republic of China</i></p>
1130 - 1200	<p><b>New Campaign for Fire Safety in the United States</b></p> <p><i>Mr. James M. Shannon, President, National Fire Protection Association</i></p>
1200 - 1230	<p><b>Innovations in the Singapore Civil Defence Force for a Safer Community</b></p> <p><i>Mr. Peter Lim, Commissioner, Singapore Civil Defence Force</i></p>
1230 - 1245	Q & A Session
1245 - 1415	Lunch
<b>Session Two (PM)</b> (Room N101)	Session Chairman : <i>Mr. LAI Man-hin, David, Deputy Director of Hong Kong Fire Services</i>
1415 - 1445	<p><b>Health &amp; Safety Developments in the UK Fire and Rescue</b></p> <p><i>Mr. Peter Holland, Chief Fire Officer, Lancashire Fire &amp; Rescue Service</i></p>
1445 - 1515	<p><b>Preparing for Disaster: Behind the Scene Lessons Learned at the World Trade Center</b></p> <p><i>Dr. Denis Onieal, Superintendent, National Fire Academy</i></p>
1515 - 1545	Tea Break
1545 - 1615	<p><b>High Risk Combustible Fire Loads in Residential Buildings and the Impact to Public Safety</b></p> <p><i>Mr. Bill Stewart, Fire Chief, Toronto Fire Services Department</i></p>
1615 - 1645	<p><b>The Role of Fire and Rescue Services in Disaster Management</b></p> <p><i>Mr. Lee Johnson, Commissioner, Queensland Fire and Rescue Service</i></p>
1645 - 1700	Q & A Session
	<b>*Remarks: Simultaneous Interpretation will be provided in Session One and Session Two</b>
<b>Concurrent Session (PM)</b> (Room N107)	Session Chairman : <i>Ir Paul CHAN, Chairman, Hong Kong Institution of Engineers (Fire Division)</i>
1415 - 1445	<p><b>Challenging Issues on Fire Safety in the Context of Rapidly Aging Society</b></p> <p><i>Prof. Ai Sekizawa, Professor, Dept of Fire Science and Technology, Tokyo University of Science</i></p>
1445 - 1515	<p><b>A Review of Conservative Measures Adopted in Local Fire Engineering Practices</b></p> <p><i>Ir Kenneth SK LI / Ir Annie YK CHOI, Hong Kong Institution of Engineers (Building Services Division)</i></p>
1515 - 1545	Tea Break
1545 - 1615	<p><b>Implementation of Registered Fire Engineer Scheme in HK</b></p> <p><i>Ir LEUNG Kwun-hong, Senior Divisional Officer, Hong Kong Fire Services Department</i></p>
1615 - 1645	<p><b>Fire Evacuation Implication in High Rise Building</b></p> <p><i>Ir Eric WT LEE, Hong Kong Institution of Engineers (Building Services Division)</i></p>
1645 - 1700	Q & A Session

# Programme for Fire Asia 2012



**Date: 9 February 2012 (Thursday)**

<b>Session Three (AM)</b> (Room N101)	Session Chairman : Mr. Peter Holland, Chief Fire Officer, Lancashire Fire & Rescue Service
0930 - 1000	<b>The preparedness to respond by Fire, Police and Ambulance to Incidents for a Safer Society</b> <i>Mr. Allan Medcraft, Company Secretary/Treasurer , Ambulance Service Institute, UK</i>
1000 - 1030	<b>Report on Residential Fireground Field Experiments</b> <i>Dr. Lori Moore-Merrell, Assistant to the President, International Association of Fire Fighters</i>
1030 - 1100	Tea Break
1100 - 1130	<b>Leadership and Training for Special Operations Response to a Multi-Hazard Disaster</b> <i>Mr. Richard Jachne, Director, Illinois Fire Service Institute</i>
1130 - 1200	<b>Four-Pronged Approach and Upgrading of Fire Safety Standard of Old Buildings in HK</b> <i>Ir CHEUNG Yat-cheong, Deputy Chief Fire Officer, Hong Kong Fire Services Department</i>
1200 - 1215	Q & A Session
1215 - 1330	Lunch
<b>Concurrent Session (AM)</b> (Room N107)	Session Chairman : Mr. CHAN Shiu-kwan, President, Ambulance Service Institute (Hong Kong Branch)
0930 - 1000	<b>Understanding the Role of Situational Awareness in High Stress Environments</b> <i>Dr. Richard Gasaway, Chief Scientist, Public Safety Laboratory, USA</i>
1000 - 1030	<b>Out-of-hospital Cardiac Arrest in Hong Kong: Past, Present and Future</b> <i>Dr. SIU Yuet-chung, Axel, Medical Director, Hong Kong Fire Services Department</i>
1030 - 1100	Tea Break
1100 - 1130	<b>The Development of EMS System in Taiwan</b> <i>Dr. CHOI Wai-mau, M.D.,M.S., President, Taiwan Society of Emergency Medicine</i>
1130 - 1200	<b>Pre-hospital Medicine in Hong Kong and Future Development</b> <i>Dr. LAM Kin-kwan, Chairman of the Pre-hospital Sub-committee of Hong Kong College of Emergency Medicine</i>
1200 - 1215	Q & A Session
1330- 1700	<b>Technical Visit</b>
1900- 2200	<b>Cultural Dinner (Night Cruise in Victoria Harbour)</b>

# Programme for Fire Asia 2012



**Date: 10 February 2012 (Friday)**

<b>Session Four (AM)</b> (Room N101)	Session Chairman : <i>Dr. LO Siu-hang, Shane, President, Institution of Fire Engineers (Hong Kong Branch)</i>
0930 – 1000	<b>Providing Public Safety in an Economic Downturn</b> <i>Mr. Kelvin J. Cochran, Fire Chief, Atlanta Fire Rescue Department</i>
1000 – 1030	<b>Topic TBC</b> <i>Mr. David Johnson, Chief Fire Officer, Essex Fire &amp; Rescue Service</i>
1030 – 1100	Tea Break
1100 – 1130	<b>Fire Safety Improvement for Existing Buildings in Taiwan</b> <i>Prof. CHIEN Shen-wen, Division Head, National Science and Technology Center for Disaster Reduction, Taiwan</i>
1130 - 1200	<b>Emergency Management Training Innovations</b> <i>Dr. Thomas Sturtevant, Associate Division Director, Disaster Preparedness and Response Texas Engineering Extension Service, Texas A&amp;M University System</i>
1200 - 1215	Q & A Session
<b>Concurrent Session (AM)</b> (Room N107)	Session Chairman : <i>Ir C.K. WONG, Chairman, Hong Kong Institution of Engineers (Building Services Division)</i>
0930 – 1000	<b>Rescue Strategy for High Rise Building in Hong Kong</b> <i>Mr. LI Leung-ming, Deputy Chief Fire Officer, Hong Kong Fire Services Department</i>
1000 – 1030	<b>Special CAFS to be used for Fire Fighting in High Rise Buildings</b> <i>Mr. Ralph Schmid, SK Fire</i>
1030 – 1100	Tea Break
1100 – 1130	<b>Express Rail Link - Shenzhen Hong Kong Interfacing Issues on Tunnel Fire Safety and Rescue</b> <i>Ir Dr. Fiona TSUI Suk-chong, MTR Corp.</i>
1130 - 1200	<b>High Rise Water Delivery - Best Practices</b> <i>Mr. Dominic Colletti, Hale Products, USA</i>
1200 - 1215	Q & A Session
1215 - 1415	Lunch
<b>Session Five (PM)</b> (Room N101)	Session Chairman : <i>Mr. KWOK Jing-keung, Joe, President, China Hong Kong Fire Protection Association</i>
1415 – 1445	<b>Modeling Wildland Fire Propagation and Spotting</b> <i>Prof. Fernandez-Pello, A. Carlos, Professor and Associated Dean, Mechanical Engineering Department, UC Berkeley</i>
1445 – 1515	<b>Paramedic Services Quality Assurance System</b> <i>Mr. LEUNG Shiu-hong, Matthew, Assistant Director (Ambulance), Hong Kong Fire Services Department</i>
1515 – 1545	Tea Break
1545 – 1615	<b>Development of New Building Fire Safety Code for Hong Kong: Performance-Based Approach</b> <i>Dr. MC LUO and Mr. David Barber, Ove Arup &amp; Partners Ltd.</i>
1615 - 1645	<b>Observed Fire Safety Concerns for Subway Systems in Hong Kong</b> <i>Prof. WK CHOW, Head of Department of Building Services Engineering, Hong Kong Polytechnic University</i>
1645 – 1700	Q & A Session
<b>Concurrent Session (PM)</b> (Room N107)	Session Chairman : <i>Ir CHU Man-chun, Charles, Chairman, Fire Discipline Advisory Panel, Hong Kong Institution of Engineers</i>
1415 – 1445	<b>Recent advancements in Testing and Certification of Products in Support of Loss Prevention</b> <i>Mr. Paraskevas "Paris" Stavrianidis, Vice President and Manager, FM Approvals</i>
1445 – 1515	<b>Overview of UL Fire Research and Connection to US Building Codes</b> <i>Mr. Alfredo M. Ramirez, Regional Manager of Regulatory Services, Underwriters Laboratories</i>
1515 – 1545	Tea Break
1545 – 1615	<b>Fit for Purpose – Comprehensive Care and Maintenance for Personal Protective Equipment</b> <i>Mr. Warren Hoare and Mr. Rico Achenbach, Lion International</i>
1615 - 1645	<b>Full-scale Fire Protection Experimental Research and Theoretical Analysis on Large Section Road Tunnel</b> <i>Dr. HAN Xin, Research Professor, Vice Director of Shanghai Institute of Disaster Prevention and Relief, Tongji University</i>
1645 – 1700	Q & A Session
1700 - 1705 (Room N101)	<b>Closing Ceremony</b> Closing Speech : <i>Dr. LO Siu-hang, Shane, Institution of Fire Engineers (Hong Kong Branch)</i>
1900 – 2200	Gala Dinner

## REGISTRATION FORM

Please complete the form below and return it with the appropriate payment to:

**Creative Consulting Group,**

**Fire Asia 2012 Conference Secretariat**

**Room 1106-08, 11/F, CC Wu Building, 302-308 Hennessy Road, Wan Chai, Hong Kong**

Tel: (852) 2372 0090

Fax: (852) 2372 0490

E-mail : [registration@fireasia2012.org](mailto:registration@fireasia2012.org)

**You are recommended to use the online registration system at** <http://www.fireasia2012.org>

### (A) PERSONAL INFORMATION

*(Please type or print in block letters and where ✓ appropriate)*

Title :  Prof.  Dr.  Ir.  Mr.  Mrs.  Ms.  Others, please specify \_\_\_\_\_

Last Name: \_\_\_\_\_ First Name: \_\_\_\_\_ Middle Name: \_\_\_\_\_

Position/Department: \_\_\_\_\_

Institution: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Postal Code: \_\_\_\_\_ Country: \_\_\_\_\_

Tel: \_\_\_\_\_ Fax: \_\_\_\_\_ Email : \_\_\_\_\_

Accompanying Person(s):

Last Name: \_\_\_\_\_ First Name: \_\_\_\_\_ Middle Name: \_\_\_\_\_

Last Name: \_\_\_\_\_ First Name: \_\_\_\_\_ Middle Name: \_\_\_\_\_

Do you have any special meal requests?  Vegetarian  Pork-free  Beef-free  
 Others, please specify \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

### (B) REGISTRATION FEE

Category	Registration fee	Amount
Full Delegate	<input type="checkbox"/> US\$ 575 / HK\$4,500	
	<input type="checkbox"/> US\$ 510 / HK\$4,000 (Register on or before 23 December 2011)	
Day Participant	<input type="checkbox"/> US\$ 190 / HK\$1,500 – 8 Feb 2012	
	<input type="checkbox"/> US\$ 190 / HK\$1,500 – 9 Feb 2012	
	<input type="checkbox"/> US\$ 190 / HK\$1,500 – 10 Feb 2012	
<b>Total(B)</b>		<b>HK\$</b>

#### \*Entitlement of Delegates

a) Full delegates are entitled to attend all the Conference sessions with the provision of lunches and coffee breaks during the 3-day Conference. They are also entitled to attend the Cultural Dinner and Gala Dinner to be held on 9th February 2012 and 10th February 2012 respectively. A Conference package will be distributed to each full delegate at the Conference venue on 8th February 2012.

b) Day Participants are entitled to attend the Conference sessions, with the provision of lunch and coffee break on the day(s) they have registered.

### PAYMENT METHOD

Register Online through [www.fireasia2012.org](http://www.fireasia2012.org) and make credit card payment (Visa/MasterCard/American Express accepted)

**Hong Kong Crossed Cheque payable to** "The Institution of Fire Engineers (Hong Kong Branch) - Conference"

**Telegraphic Transfer to** "The Institution of Fire Engineers (Hong Kong Branch) - Conference"

Bank Name: The Hongkong and Shanghai Banking Corporation Limited

Bank Address: No.1 Queen's Road, Central, Hong Kong

Account No.: 002-224574-007

Swift Code: HSBCHKHHHKH

Remarks: Please fax or email the copy of pay-in slip for our record. Fax:(852)2372 0490/Email:registration@fireasia2012.org

I hereby agree to be bounded by the rules and regulations of the Conference.

#### Notes:

1. Registrations are subject to acceptance on a first-come-first-served basis.
2. Registration forms received without payment will not be processed. Please do not send cash.
3. Each registrant should complete a separate registration form. Photocopy of the registration form is acceptable.
4. Creative Consulting Group will send an e-mail confirmation upon receipt of your registration form and full payment. Kindly check all the listed items. Any changes or alterations must be made in writing to Creative Consulting Group.
5. The prevailing exchange rate is approximately US\$1 = HK\$7.80.

(\* Delete as appropriate)

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