

# 7<sup>th</sup> INTERNATIONAL CONFERENCE ON COOLING & HEATING TECHNOLOGIES 2014 (ICCHT 2014)

*Innovation And Sustainability In Heating & Cooling Technologies*

4<sup>th</sup> – 6<sup>th</sup> November 2014



**DORSETT GRAND SUBANG HOTEL**  
**Jalan SS 12/1**  
**47500 Subang Jaya**  
**Selangor Darul Ehsan**  
**Malaysia**



*Organised by:*



*Sponsored by:*



*Supported by:*



Malaysia Branch

**Institution of  
MECHANICAL  
ENGINEERS**

## INTRODUCTION

The Kyoto Protocol is a legally binding agreement under which industrialized countries will reduce their collective emissions of greenhouse gases. The ultimate goal is to lower overall emissions from six greenhouse gases - carbon dioxide, methane, nitrous oxide, sulfur hexafluoride, HFCs, and PFCs. Heating and Cooling community can play a great role towards the commitment of reducing such greenhouse gas emission. Among others, it can be achieved by enhancing the efficiency of the heating and cooling equipment as well as encouraging usage of renewable energy technologies.

The 1st International Conference on Cooling & Heating Technologies was held in Hanoi Vietnam (Jan 2005). Whereas the 2nd, 3rd, 4th and 5th ICCHT were held in Dalian China (Jul 2006), Tokyo Japan (Jul 2007), Jinhae Korea (Oct 2008) and Bandung Indonesia (Dec 2010) respectively. The 6th International Conference on Cooling & Heating Technologies (ICCHT 2012) was held in Xi'an in China on November 9-12, 2012.

It is our pleasure to welcome you to the 7<sup>th</sup> International Conference on the Cooling & Heating Technologies (ICCHT 2014) on 4<sup>th</sup> – 6<sup>th</sup> November 2014 at the Grand Dorsett Subang Hotel, Subang Jaya, Selangor Darul Ehsan, Malaysia.

The Theme of the Conference is **"Innovation and Sustainability In Heating & Cooling Technologies"**. Among others, the topics to be discussed during this conference include:-

- CO2 Reduction and Low Carbon Technologies
- Efficient Cooling and Heating
- HVAC System and Natural Ventilation
- Heat transfer, Fluid and Thermal Engineering
- Computational Fluid Dynamics
- Low Temperature & Refrigeration Engineering
- Renewable Energies: Solar, Wind, Biomass, Mini-Hydro and other alternative energy
- Fuel Cells and Heat Pump
- Material Engineering for Energy Machinery
- Economics of New Technology

**The Conference proceedings will be published by IOP  
Conference Series: Materials Science and Engineering (MSE)  
and will be indexed in Scopus.**

## IMPORTANT DATES

Submission of abstract	30 June 2014
Notification of acceptance of abstract	30 June 2014
Submission of full paper	31 July 2014
Notification of acceptance of full paper	30 Sept 2014

## EXHIBITION

In conjunction with the Conference, an Exhibition will be organized as an integral part of the Conference. Project experiences, product solutions, new applications and state-of-the-art information of heating and cooling technologies will be highlighted.

## ICCHT 2014 – ORGANISING COMMITTEE

Advisor : Y.Bhg Datuk Ir. Prof. Dr Ow Chee Sheng

Chairman : Ir. Fam Yew Hin

Committee Members:

Ir. Noor Hisham Yahaya

Ir. Dr. Cheong Thiam Fook

Ir. Gopal Narian Kutty

Ir. Luk Chau Beng

Ir. Dr. Kannan M. Munisamy

Ir. Dr. Tan Chee Fai

Dr. Chan Hoy Yen

\*Collaboration with IEM Training Centre

Co-chairmen:

- Prof. Shengqiang Shen, Dalian University of Technology, China
- Prof. S.H. Winoto, National University of Singapore, Singapore
- Prof. Aryadi Suwono, Institut Teknologi Bandung, Indonesia
- Prof. Hanshik Chung, Gyeongsang National University, Korea
- Prof. Maogang He, Xi'an Jiaotong University, China

International Scientific Committee:

- Maogang He, Xi'an Jiaotong University, China
- Yuanyuan Duan, Tsinghua University, China
- A. Nagashima, Keio University, Japan
- A.M. Jacobi, University of Illinois, USA
- A. Ambari, Arts et METIERS Paris Tech, France
- T.W. Lee, Arizona State University, USA
- H. M. Jeong, Gyeongsang National University, Korea
- M.G. Kim, Inje University, Korea
- M.Y. Choi, University of Connecticut, USA
- A. Suwono, Institut Teknologi Bandung, Indonesia
- A.D. Pasek, Institut Teknologi Bandung, Indonesia
- Y.S. Indartono, Institut Teknologi Bandung, Indonesia

## KUALA LUMPUR

Kuala Lumpur is like a melting pot of all the wonderful cultures that make up Asia. The capital of Malaysia, it epitomises the nation's slogan "simply Asia". From art to history to food, one's senses are embraced by the city's dynamic surroundings.

This is a majestic city that was founded in 1857 and now in the 21st Century it brings together the past, the present and the future. There is so much to see in Kuala Lumpur. Chinatown with charming old buildings and makeshift shops, then there's Little India while the Jameh Mosque which celebrates its centenary this year, is one of the oldest mosques in the city.

These historical landmarks blend in superbly with the modern day landmarks. The KL Tower is one of the world's tallest concrete buildings which works as a telecommunications tower and an observation tower. However the skyline of Kuala Lumpur is dominated by a structure that is famous the world over - the tallest twin towers in the world known as the Petronas Towers, that are amazingly connected by a bridge halfway up.

If it's food that's your thing then KL is the place to be because this place is a feast for the senses and will tempt any taste buds from the many hawker centres through to some of the finest restaurants. Other activity that you could definitely look forward to is shopping in KL.



## ICCHT 2014 – REGISTRATION FEE & PAYMENT METHOD

**ICCHT 2014 Secretariat**  
**c/o IEM Training Centre Sdn. Bhd.**  
**No. 33-1A (1<sup>st</sup> floor), Jalan 52/18, P.O. Box 224 (Jalan Sultan)**  
**46720 Petaling Jaya, Selangor Darul Ehsan, MALAYSIA**

**Tel No: +(603) 7958 6851 Fax No: +(603) 7958 2851**

**E-mail: [iemtrainingcentre@iemtc.com](mailto:iemtrainingcentre@iemtc.com)**

### CONFERENCE REGISTRATION FEE :

Type	Registration Fee	
	Normal (after 30 Sept 2014)	Early Bird (30 Sept 2014 or before)
Full Delegate	US\$500 (RM1,600.00)	US\$450 (RM1,440.00)
Student	US\$350 (RM1,120.00)	US\$300 (RM960.00)
Accompany guest	US\$200 (RM640.00)	

### PAYMENT METHOD

For your convenience, we have arranged ways for you to pay your registration fee, ranging from payment by Banker's Draft, Telegraphic Bank Transfer or credit card. In summary, you can make payments as follows:

- (a) Banker's cheque made payable to "**IEM TRAINING CENTRE SDN BHD**".
- (b) Telegraphic Bank Transfer (Please forward soft copy of payment advice):-  
 Account Name : **IEM TRAINING CENTRE SDN BHD**  
 Account Number: 514169143176  
 Bank Name : Malayan Banking Berhad  
 Bank Address : Main Branch, Jalan Sultan, Petaling Jaya New Town  
 46000 Petaling Jaya, Selangor Darul Ehsan, Malaysia  
 Swift Code : MBBEMYKL
- (c) Credit Card:-

Credit Card no																			
----------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Last 3 Security Digits (located on the back of Credit Card):					Expiry Date:		
--	--	--	--	--	--------------	--	--

## ICCHT 2014 – REGISTRATION FORM

**ICCHT 2014 Secretariat**  
**c/o IEM Training Centre Sdn. Bhd.**  
**No. 33-1A (1<sup>st</sup> floor), Jalan 52/18, P.O. Box 224 (Jalan Sultan)**  
**46720 Petaling Jaya, Selangor Darul Ehsan, MALAYSIA**

**Tel No: +(603) 7958 6851 Fax No: +(603) 7958 2851**  
**E-mail: [iemtrainingcentre@iemtc.com](mailto:iemtrainingcentre@iemtc.com)**

No.	Name of Participant(s)	Amount
1		
2		
3		
4		
5		
Total Amount		

I will be accompanied by: Spouse: \_\_\_\_\_ Children: \_\_\_\_\_ Guests: \_\_\_\_\_

Contact Name:			
Organisation:			
Position:			
Mailing Address:			
Contact No.:	Off no.		Fax no.
Cellphone No.			
E-mail:			

Date: .....

Signature: .....

## EXHIBITION INFORMATION

An Exhibition will be organised as an integral part of the conference. Project experience, design solutions, and application of heating and cooling technology and state-of-the-art information will be highlighted. The standard booth space is 4 metre by 4 metre with rear and dividing walls of 2500mm high using white powder coated aluminium system. The following items will be provided:

No.	Item	Description	Units	Rates (RM)
1	Electrical	40 Watt fluorescent Light	2	No charge
		13 Amps single phase power point	1	No charge
2	Furniture	Information counter	1	No charge
		Foldable chairs	2	No charge
		Paper basket	1	No charge
3	Graphics	Company's name and booth number in self-adhesive PVC lettering		No charge

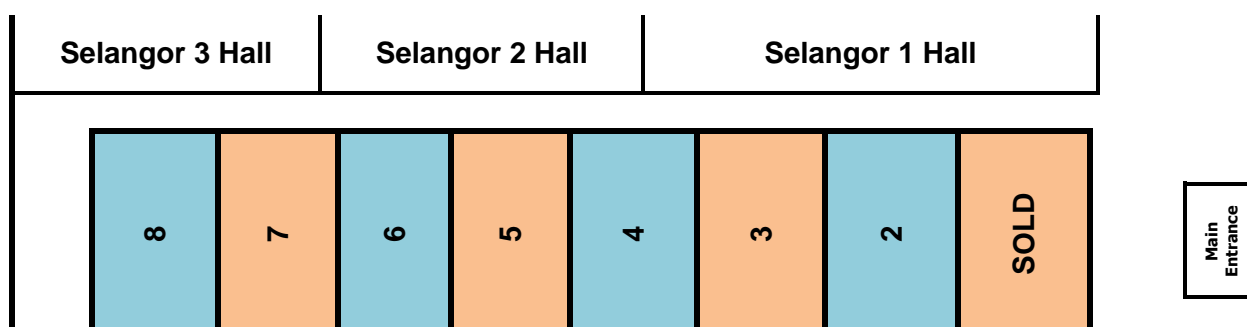
### Exhibitors are entitled to the following:

- (a) Two (2) numbers management staff in charge of exhibition booth.
- (b) One (1) of them will be registered as a complimentary participant for the Conference. Please complete the Booking Form and return by fax or email to the Conference Secretariat as soon as possible.
- (c) Teas and lunches will be provided during duration of the exhibition.
- (d) One (1) full coloured A4 size advertisement in the Souvenir Programme.

### Tentative Booth Setup Schedule:

Date	Time	Details
3 November 2014	1:00 am -- 3:00 am	Construction of Exhibition Booths
	3:00 am -- 8:00 am	Display of exhibits by exhibitors
4 November 2014	8:00 am -- 6:00 pm	Exhibition
5 November 2011	8:00 am -- 6:00 pm	Exhibition
6 November 2011	8:00 am -- 1:00 pm	Exhibition
	After -- 1:00 pm	Exhibitors to dismantle displays/exhibits

### Layout Plan For Foyer, Selangor Ballroom at Grand Dorsett Subang Hotel



## EXHIBITION BOOKING FORM

**ICCHT 2014 Secretariat**  
**c/o IEM Training Centre Sdn. Bhd.**  
**No. 33-1A (1<sup>st</sup> floor), Jalan 52/18, P.O. Box 224 (Jalan Sultan)**  
**46720 Petaling Jaya, Selangor Darul Ehsan, MALAYSIA**

**Tel No: +(603) 7958 6851 Fax No: +(603) 7958 2851**  
**E-mail: [iemtrainingcentre@iemtc.com](mailto:iemtrainingcentre@iemtc.com)**

### BOOKING FEE

Section	Cost / Booth	Booth No.	Total
Per Unit	RM 12,000.00		

(a) I/We wish to book an exhibition booth and enclose herewith a Bank Draft/Cheque no: ..... for the sum of RM..... made payable to **“IEM TRAINING CENTRE SDN. BHD.”**

(b) I/We authorise you to debit my/our Visa/MasterCard account for **USD/RM**.....

Credit Card no																			
----------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Last 3 Security Digits (located on the back of Credit Card):				Expiry Date:	
--	--	--	--	--------------	--

Contact Name:					
Organisation:					
Position:					
Mailing Address:					
Contact Nos.:	Tel.:		Fax:		
E-mail:					

Date: .....

Signature: .....  
 & Company Stamp