



ONE DAY SEMINAR ON “COMMERCIAL BUILDING SOLUTION (CHILLER SYSTEM) & VRF TECHNOLOGY DEVELOPMENT TREND”

SPEAKERS ;

Mr. PECK ZHAO

Mr. TIMOTHY HUANG

Mr. ROGER ZOU

Mr. ELON ZHANG

Date : 6TH AUG 2019 (Tuesday)
Venue : Grand Ballroom, Level 2,
Pullman Kuala Lumpur Bangsar
Time : 9.00 a.m. – 5.30 p.m.

**BEM Approved CPD/PDP Hours: 6.5
(IEM19/HQ/251/S)**

LIMITED TO 120 SEATS ONLY

'FIRST-COME-FIRST-REGISTRATION BASIS'

CLOSING DATE: 29TH JULY 2019

*OR if the Seminar Reach its
Target Registered Participants
NO ONLINE/OFFLINE Registration
will be allowed after the Closing Date*

*Organized & Hosted by:
Building Services Technical Division (BSTD), IEM*

*In Collaboration with :
Midea Scott And English Electronics Sdn Bhd*

Cancellation Policy

No cancellation will be accepted prior to the date of the event. However, replacement or substitute may be made at any time with 7 days prior notification and substitute will be charged according to membership status.

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SPEAKERS



Mr. PECK ZHAO

Mr. PECK ZHAO graduated in Bachelor Engineering, majoring in HVAC Engineering from Huazhong University of Science and Technology, Hubei Province, China.

After graduated in 2005, Peck joined Midea Group as an Assistant Technical Engineer in Asia Pacific of Commercial AC Overseas Business Department, Midea-Toshiba Carrier JV company in Midea Air-Conditioning & Refrigeration Group. During his 14-years career progression in Midea Group from Assistant Technical Engineer to Head of Marketing & Administration of CAC Overseas Sales

Company of Midea Group, Peck's technical and commercial knowledge in HVAC industry has certified him to provide VRF technical and product application training globally.

Peck provides training to both Midea Group sales and after-sales department and end-user / clients on the products technology and application, control system, installation and site condition, commissioning and testing, maintenance and troubleshooting of HVAC system. Apart from analyzing client's equipment and operation for service and maintenance, Peck also assists in coordination with technical specialist to investigate, troubleshooting, testing and commissioning of HVAC equipment at site to ensure the performance and the reliability of the system.

On marketing promotion segment, Peck had organized several seminars in domestic and overseas market. He also participated in events organized by the HVAC/MEP authorities, such as invited to be technical seminar speaker by MACRA (Malaysia Air Conditioning & Refrigeration Association) in 2009, speaker for ASHRAE QATAR CHAPTER in 2016, NIGERIA CHAPTER in 2017 on VFD technology and VRF Applications, and also speaker for ICW-SUPER 8 ASEAN 2019 on Smart HVAC for The Future Construction.



Mr. ROGER ZOU

Mr. ROGER ZOU graduated in 2004 in Bachelor Engineering from GUANGDONG OCEAN University in Zhanjiang District, Guangdong Province, China.

Having more than 15 years of practical experience in HVAC with mainly focus on the Chiller technology, water system application for ten years and special chiller product/system used in IDC, he has led the global team with sales support and product development for Centrifugal and Screw chiller products across the region of US, Europe and Asia Pacific.

As a Senior Engineer – Chiller Specialist for Midea Group, Roger has travelled to more than 20 countries in conducting technical training and knowledge sharing to more than 2000 technicians in the last four years. Apart from publishing a paper (Testing and analysis of fan motor coil temperature rise) on the subject in distinguished publications, Roger also has been awarded by ASHRAE UAE CHAPTER in 2015 for the presentation on District cooling technology, ASHRAE QATAR CHAPTER in 2016 for the presentation on VFD Centrifugal technology and IEM Penang Secretariat in 2018 for the presentation on Commercial Building Solution.



Mr. TIMOTHY HUANG

Mr. TIMOTHY HUANG graduated in 2001 in Bachelor Engineering from South China University of Technology in Tianhe District and Panyu District of Guangzhou, Guangdong Province, China and Midea Commercial Air-Conditioning (CAC) as a junior engineer in the same year.

Throughout his career and involvement in HVAC field for more than 18 years, Timothy has been travelling across many countries including US, Europe, Middle East and Asia Pacific region to study VRF project in various applications.

As a Senior Engineer – VRF specialist for Media Group, his experience and involvement in large-scale world-class project eg. UAE Housing Project Ain Al Fayda Villa, the largest VRF project (80,000 HP) in the Middle East which serves 5,000 villas is essential in ensuring the project a successful one.

Apart from that, Timothy also responsible in continue to develop technical capability among the sales and aftermarket team by providing product technical knowledge training, troubleshooting & service workshop (theoretical and practical) globally.



Mr. ELON ZHANG

Mr. ELON ZHANG graduated in Bachelor Engineering, majoring in automation from Wuhan Polytechnic University in Evergreen Garden real estate development, Hubei Province, China in 2006.

Prior joining Midea Group as Head of Overseas Sales in Midea Smart Light & Controls under Commercial Air Conditioner Division, Elon had performed his services in three Fortune 500 companies in both technical and marketing position in IOT and electronic industry. He has experience in dealing with government sector and private project operation in both domestic and international market.

His vast experience in managing the design and operation of network connectivity, smart lock, smart lighting, video monitoring and alarm system had made his smart solution application and acceptance in Australia, Europe, Asia and other regions.

In Midea Group, Elon is also responsible for engineering strategies, setting technical standards, providing total solution of technical design direction with strong understanding of safety and security IOT products development lifecycle.

SYNOPSIS

Session 1 :

HVAC Technology Development Trend In Malaysia >

By Mr. PECK ZHAO

Accelerated Inverter technology applications for energy efficiency, the only way to address environmental issues is to use energy-saving products.

VRF application continues to grow at double digit yearly in Southeast Asia. In Malaysia, VRFs are mainly adopted in office buildings, and are not common in luxury homes. Expensive urban condominiums in Kuala Lumpur have limited space to install outdoor units, so they usually adopt for VRF systems instead of chillers due to smaller outdoor unit footprint.

Penetration of Smart HVAC, with the advent of all these new technologies, some functions that were unimaginable in the past are available right now. Smart air conditioners have changed the concept of air conditioning landscape.

Everything goes to Cloud system. The cloud-based HVAC system helps the commercial and industrial customers maximize their energy savings potential, while also meets their environmental sustainability goals.

Session 2 :

VRF Technology Innovation & Features In Application >

By Mr. TIMOTHY HUANG

Nowadays, VRF system is a new developing trend in emerging and developing countries. Not only the system is much direct and simpler than Chiller system, its effective cost of installation and low maintenance making it a preferable choice for most end-users.

In this topic, we will introduce the advantages and current technology in VRF system, the concerns of VRF system among designer/installer/end-user, common VRF applications in various type of market globally.

Session 3 :

Commercial Building Solution Through Chiller System >

By Mr. ROGER ZOU

Regardless water-cooled or air-cooled chiller system, nowadays consumers or end-users are more focused in energy saving solutions. It's a norm people asking question of how to save energy or optimizing the usage of energy in commercial building in today's world. Moreover, centralization control on HVAC system is also becoming a market trend globally.

Generally, this topic will focus on general introductory of Chiller system, VFD centrifugal chiller technology with optimized system design and enhanced heat exchange efficiency making it best operation for both full and partial load, and centralized Chiller Intelligent Control System technology.

Session 4 :

Smart Solutions In Future Construction >

> By Mr. ELON ZHANG

The concept of "One Touch for All" is currently the on-going innovative direction to makes life easier for our global society. Smart solution system regardless in residential or commercial buildings have allowed a person to have total access to control music, video, electrical appliances, lights, climate and security with just a single touch.

Centralized control system allows to have complete control and seamless connectivity of home or workplace will redefine the concept of the smart city, smart society.

In Malaysia, how do we apply the smart solutions in the future construction? How to improve the quality of life and towards smart city, smart society through smart home solutions? What type of smart products can be designed in the buildings?

PROGRAMME

TIME	PROGRAMME
08:30 – 09:00	<i>Registration and Welcome Coffee / Tea</i>
09:00 – 09:10	<i>Welcome Address & Introduction of Speakers</i>
09:10 – 09:15	<i>History of Midea HVAC Development</i>
09:15 – 10:30	SESSION 1 : Mr Peck Zhao HVAC Technology Development Trend In Malaysia
10:30 – 10:45	<i>Q & A Session</i>
10:45 – 11:05	<i>Morning Tea Break</i>
11:05 – 12:05	SESSION 2 : Mr Timothy Huang VRF Technology Innovation & Features In Application
12:05 – 12:20	<i>Q & A Session</i>
12:20 – 13:40	<i>Lunch</i>
13:40 – 15:00	SESSION 3 : Mr Roger Zou Commercial Building Solution Through Chiller System (Inverter Chiller Technology)
15:00 – 15:15	<i>Q & A Session</i>
15:15 – 15:35	<i>Afternoon Tea Break</i>
15:35 – 16:15	SESSION 3 : Mr Roger Zou Commercial Building Solution Through Chiller System (Effective BMS in Future Construction)
16:15 – 16:30	<i>Q & A Session</i>
16:30 – 17:00	SESSION 4 : Mr Elon Zhang Smart Solutions In Future Construction
17:00 – 17:30	<i>Q & A Session</i>
17:30	End of Seminar

*** IEM reserves the right to postpone, reschedule, allocate or cancel the event.**

REGISTRATION

ONE DAY SEMINAR ON "COMMERCIAL BUILDING SOLUTION (CHILLER SYSTEM) & VRF TECHNOLOGY DEVELOPMENT TREND"

6TH AUG 2019

@ Pullman Hotel Kuala Lumpur Bangsar

REGISTRATION FEE : 6% SST EFFECTIVE 1ST MARCH 2019

	ONLINE FEE (RM)	NORMAL FEE (RM)
IEM Members	RM 50.00	RM 80.00
Non-IEM Members	RM 100.00	RM 130.00

No	Name(s)	Membership No.	Grade	Fee (RM)*
SUB TOTAL				
+ 6% SST				
TOTAL PAYABLE				

PAYMENT DETAILS :

Cash RM _____

Cheque no. _____ for the amount of RM _____ (non refundable) and made payable to "THE INSTITUTION OF ENGINEERS, MALAYSIA" and crossed 'A/C Payee Only'.

FULL PAYMENT must be settled before commencement of the seminar, otherwise participants will not be allowed to enter the hall. If a place is reserved and the intended participant fails to attend the course, the fee is to be settled in full. If the participant failed to attend the course, the fee paid is non refundable. The Registration Fee includes lecture notes, refreshment and lunch.

For **ONLINE REGISTRATIONS**, please note that payment **MUST** be made **BEFORE** the closing date. If payment is not received within the stipulated time, the registration fee will be reverted to the normal registration fee.

Contact Person : _____ Designation : _____

Name of Organization : _____

Address : _____

Telephone No. : _____ (O) Fax No : _____ (O)

Handphone : _____ (HP) Email: _____

Signature & Stamp

Date

TERMS & CONDITIONS:

- For ONLINE REGISTRATIONS, only ONLINE PAYMENT is applicable [via RHB and Maybank2u –Personal Saving & Personal Current ; Credit Card - Visa/Master.
- Payment via CASH / CHEQUE / BANK-IN TRANSMISSION / BANK DRAFT / MONEY ORDER / POSTAL ORDER / LO / WALK -IN will be considered as NORMAL REGISTRATION
- **FULL PAYMENT** must be settled before commencement of the course, otherwise participants will not be allowed to enter the hall. If a place is reserved and the intended participants fail to attend the course, the fee is to be settled in full. If the participant failed to attend the course, the fee paid is non refundable. Registration fee includes lecture notes, refreshment.
- The Organizing Committee reserves the right to cancel, alter, or change the program due to unforeseen circumstances. Every effort will be made to inform the registered participants of any changes. In view of the limited places available, intending participants are advised to send their registrations as early as possible so as to avoid disappointment.

*** IEM reserves the right to postpone, reschedule, allocate or cancel the event.**

For further details, kindly contact:

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