

# The Chartered Institution of Building Services Engineers



Hong Kong Branch Correspondence Address: Room 5, Unit C, 20/F, Ford Glory Plaza, 37-39 Wing Hong Street,

Cheung Sha Wan, Kowloon, Hong Kong

英國屋宇裝備工程師學會 香港分會通訊地址：香港九龍長沙灣永康街 37 號福源廣場

Tel: +852 8203 3995 Fax: +852 2905 6755 Email: [secretariat@cibse.org.hk](mailto:secretariat@cibse.org.hk) Web Site: <http://www.cibse.org.hk>

## CIBSE Technical Seminar on Chiller Optimisation

- Date :** 19 June 2017 (Monday)  
**Time :** 2:30 pm for 3:00 pm to 5:30 pm  
**Venue :** Multi-purpose Function No. 1, Zero Carbon Building(8 Sheung Yuet Rd, Kowloon Bay, Hong Kong)  
**Fee :** HK\$400 for CIBSE members and members of Supporting Organisations;  
HK\$500 for non-members  
The registration fee includes handouts and refreshments.  
**CPD hours** 3-hour CPD certificate will be provided

### Programme Highlight:

To achieve energy efficient chiller plant operation, other than selection of energy efficient equipment, optimised control of chiller plant operation has also noticeable impact.

In the first part of the seminar, Mr. Victor Leung will discuss how to maximise chiller operating efficiency by operating optimised quantity of equipment to achieve optimum operating condition. Besides the control of chiller plant delivery to no more than necessary for satisfying system requirement, control of chiller plant operation instead of focusing on individual item of equipment or operating parameter is important for maximising overall plant energy efficiency.

Retro-commissioning is commissioning for an existing building with the aim of optimising the building operation. It is a systematic process of identifying improvement and optimisation opportunities of the Central Building Services Installations through searching for the indicators of the underlying building operational irregularities which would lead to inefficient energy use and poor indoor environment; and subsequent implementation of those identified opportunities for achieving building optimisation.

In the second part of the seminar, Mr. Kenneth Li will introduce the background for Retro-commissioning, and then he will cover the definition and scope of Retro-Commissioning as well as the benefits and challenges ahead, followed by the procedure in carrying out Retro-Commissioning. Case sharing will also be included to demonstrate some common findings.

### Supporting Organization:



### Sponsor:



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## Speakers' Profile:

**Mr. Victor Leung**, has been serving as building services engineering design consultant for over 30 years with main interest in air conditioning, and latest accomplishment in new building design includes IFC2 and Tamar government complex. He has also served as facility manager for 2½ years with a property development company with the tasks of energy efficiency improvement and consolidating of maintenance personnel / procedure. He has been enthusiastic in recent years in sharing / application of method of air conditioning system energy efficiency improvement, and is now having his own practice in providing energy efficiency improvement advice with focus on air conditioning control.

Mr. Leung is representing the Chartered Institution of Building Services Engineers in EMSD “Mandatory Implementation of Building Energy Code” technical task group and chairman of energy audit working group of the task group.

**Mr. Kenneth Li**, has over 25 years' experience in mechanical and electrical engineering systems for various types of projects, including mega size commercial complex, super high-rise buildings, deluxe class hotels, special purpose built universities and institutions, industrial and railway infrastructure projects, for stages from feasibility study, conceptual design, detailed design till testing and commissioning.

Mr. Li is also a specialist in energy studies, actively participating in institutional activities, including those organised by HKIE, CIBSE, HKGBC and BSL. Mr. Li has also actively participated in Building Energy Code Implementation. He is the Technical Task Force Member for Mandatory Building Energy Code and the Chairman for working group for the Performance-based Building Energy section of the BEC. Currently, he is the member of Buildings Energy Efficiency Appeal Board Panel. He is also a Faculty member of HKGBC, Expert Panel Member of BEAM Society Limited and Committee Member of Platinum Group for LEED Community in Hong Kong.

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## Programme:

2:30 – 2:50 Registration  
2:50 – 3:00 Opening Address Mr. Stanley Chow (2017/18 Chair of CIBSE HK Branch)

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### Session 1

3:00 – 4:00 **Energy Efficient Chiller Plant Control**  
(by Mr. Victor Leung)

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4:00 – 4:15 *Coffee Break*

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### Session 2

4:15 – 5:15 **Retro-commissioning**  
(by Mr. Kenneth Li)

5:15 – 5:30 *Questions & Discussion*

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**Language:** English

## Registration & Enquiries:

Please return the reply slip together with the cheque for registration fee. Applications will be accepted on a first-come-first served basis. **The deadline of application is 14 June 2017 (Wednesday).** Successful applicants will be notified by email on or before 16 June 2017. Receipt will be issued to you upon receipt of payment.

If typhoon signal no. 8 or black rainstorm signal is in force and still hoisted after 1:00 pm of 19 June 2017, the seminar will be cancelled without further arrangement or notification.

For enquiry, please contact Ms Rainbow Lai at Tel. 8203 3995.

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## REPLY SLIP

To: Ms. Rainbow Lai (CIBSE HK Branch Secretariat)

Fax no. 2905 6755

Email: [secretariat@cibse.org.hk](mailto:secretariat@cibse.org.hk)

**Application for**  
***CIBSE Technical Seminar on Chiller Optimisation***  
19<sup>th</sup> June, 2017 (Monday) pm

Name : \_\_\_\_\_ Dr / Mr / Mrs / Ms / Miss

<input type="checkbox"/> CIBSE member Membership No. :					
<input type="checkbox"/> HKIE (BS Division) member Membership No. :					
<input type="checkbox"/> ASHRAE member Membership No. :					
Telephone (Office):		(Mobile):		Fax No.:	
Email address :					
Company Name :					
Date :					

### Notes:

1. All CIBSE Members are reminded to fill in their membership number for verification. The organiser reserves the right to register the application as non-member application if no CIBSE membership number is provided. Priority will be given to CIBSE members and members of supporting organizations.
2. **Pay by Cheque**  
Cheque payable to "The Chartered Institution of Building Services Engineers Hong Kong Limited" should be sent together with the reply slip to the following address:  
The Chartered Institution of Building Services Engineers Hong Kong Branch  
Room 5, Unit C, 20/F, Ford Glory Plaza, 37-39 Wing Hong Street, Cheung Sha Wan, Kowloon, Hong Kong  
Attn.: Ms. Rainbow Lai (CIBSE HKB Secretariat)  
(Cheque of unsuccessful applicants will be returned.)