

Organizers:



Technical Conference 2018 on
**Design and Maintain Engineering Systems
to Reduce the Risk of
Legionella Growth in Buildings**

8 March 2018 (Thursday)

Chamber 1A+1B, InnoCentre, 72 Tat Chee Avenue, Kowloon Tong



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Design and Maintain Engineering Systems to Reduce the Risk of Legionella Growth in Buildings

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Main Theme

To arouse the importance of well-designed and maintained engineering systems in reducing the Risk of Legionella Growth in Buildings

Targeted Participants

Waterworks Professionals, Plumbing Professionals, HVAC Professionals, Building Construction and Maintenance Experts, Building Services Engineers, Building Designers, Facility Managers, and Academics

Official Languages

Topics 1-5 & 7 : Cantonese with English Terminology and PowerPoint

Topics 6 & 8 : English*

Programme

| Time | Activities | Topic / Speaker |
|---|--------------------------------------|---|
| 08:30 | Registration | |
| 09:00 | Welcome Address | Mr. Arthur LI, <i>Chairman, Organization Committee / Vice-chairman, CIPHE Hong Kong Branch</i> |
| 09:05 | Opening Ceremony & Photo Session | |
| 1st Session – Review and Guideline | | |
| 09:10 | Topic 1 | Epidemiology and Investigation of Legionnaire’s Disease in Hong Kong Dr. LEUNG Yiu Hong, <i>Senior Medical & Health Officer, Department of Health</i> |
| 09:50 | Topic 2 | Standard and Guide for the Water Systems against Legionella Growth Ir H.S. YEUNG, <i>Senior Engineer, Water Supplies Department</i> |
| 10:30 | 1st Session Q&A | |
| 10:40 | Coffee Break | |
| 2nd Session – Design for Operation and Maintenance | | |
| 11:05 | Topic 3 | Designs and Considerations against Legionella Growth in Water Systems Mr. William CHEUNG, <i>Technical Advisor, CIPHE Hong Kong Branch</i> |
| 11:45 | Topic 4 | Proper Practice Setup against Legionella Growth in Water Systems Ir Alain TANG, <i>Expert in Facilities Management</i> |
| 12:25 | 2nd Session Q&A | |
| 12:35 | Lunch Break (*Lunch is NOT provided) | |
| 3rd Session – Scheme and Standard | | |
| 14:00 | Keynote Speech | Representative from Electrical and Mechanical Services Department |
| 14:10 | Topic 5 | Overview of FWCT Scheme and Regulatory Control of Water Quality of FWCTs <i>Representative from Electrical and Mechanical Services Department</i> |
| 14:40 | Topic 6* | Legionella Standard: ANSI/ASHRAE 188-2015 - Legionellosis: Risk Management for Building Water Systems Ms. Patricia T. GRAEF, <i>Distinguished Lecturer, ASHRAE</i> |
| 15:20 | 3rd Session Q&A | |
| 15:30 | Coffee Break | |
| 4th Session – Design for Sustainability | | |
| 15:55 | Topic 7 | Healthy and Sustainable Concept on Building Water Quality System against Legionella Growth Ir Chris KWAN, <i>Executive Director, Sunland.AL International Company Limited</i> |
| 16:35 | Topic 8* | A Holistic Approach to Cooling Towers Design and Legionnaires' Disease Prevention Mr. Sergio FLORES, <i>Director of Mesan USA</i> |
| 17:15 | 4th Session Q&A | |
| 17:25 | Closing Address | Mr. Michael SUNG, <i>President, ASHRAE Hong Kong Chapter</i> |
| 17:30 | End of the Conference | |

Remark: The Organizers reserve the right to modify and update the conference program without prior notice.

Registration Fees

| Applicants | *Early Bird | Standard |
|---|-------------|-----------|
| Member of CIPHE-HKB, ASHRAE-HKC or Supporting Organizations | HK\$700 | HK\$800 |
| Non-member | HK\$900 | HK\$1,000 |
| Full-time Student | HK\$100 | HK\$150 |

* Early Bird registration discount is only valid if payment received on or before 9 February 2018.

** Lunch is NOT included.

Participant can obtain a certificate of 6-hour Continuing Professional Development (CPD)

(This Conference is applying for the WSD Voluntary Continuing Professional Development Scheme)

Registration



Register online via <https://goo.gl/3NZRCE>. After online registration, please make a crossed cheque payable to "ASHRAE Hong Kong Chapter" and post to our mail box at "P.O. Box 35612, King's Road Post Office, North Point, Hong Kong". Or, fill in the Enrolment Form, and follow its Note.

Please ensure to read through the Remarks stated in the Enrolment Form before registration.

At the back of the cheque, please kindly state the following information:

1. Technical Conference 2018
2. Name of Company / Organization
3. Name of Registrant
4. Contact Telephone Number &
5. Email Address

There is no refund for cancellation of registration initiated by a registrant. However, the registration may be transferred to another person from the same company or organization at no extra charge by notifying the Organizer on or before 28 February 2018.

Seating capacity is limited, on a first-come-first-served basis.

Registration will close on **2 March 2018**.

For enquiry, please contact Ms. Cindy Pun via email at cindy.pun@jacobs.com or by phone at 6337-2789.

ORGANIZING COMMITTEE

| | | | | |
|----------------|------------------|------------|------------------|------------|
| Chairman: | Mr. Arthur LI | CIPHE-HKB | | |
| Vice-Chairman: | Ms. Cindy PUN | ASHRAE-HKC | | |
| Secretary: | Ms. Dorothy KUNG | CIPHE-HKB | | |
| Treasurer: | Mr. Anson Lee | ASHRAE-HKC | | |
| Members: | Mr. Kenneth CHAN | CIPHE-HKB | Mr. Michael SUNG | ASHRAE-HKC |
| | Ir Derek CHAN | CIPHE-HKB | Ms. Moka LAI | ASHRAE-HKC |
| | Mr. Thomas CHONG | CIPHE-HKB | Mr. Dino LAW | ASHRAE-HKC |
| | Mr. Karsa LEUNG | CIPHE-HKB | Ms. Sally KONG | ASHRAE-HKC |
| | Ms. Sylvia LIU | CIPHE-HKB | | |
| | Mr. David YIP | CIPHE-HKB | | |
| Advisors: | Ir Dr. Eric WONG | CIPHE-HKB | Dr. CS WONG | ASHRAE-HKC |

SUPPORTING ORGANIZATIONS

Asian Institute of Intelligent Buildings
BEAM Society Limited
Buildings Department
Building Services Operation and Maintenance Executives Society
Chartered Institute of Housing Asian Pacific Branch
Chartered Institution of Water and Environmental Management (HK)
Electrical and Mechanical Services Department
Hong Kong Green Building Council
Hong Kong Hotels Association
Housing Authority
Institution of Mechanical Engineers Hong Kong Branch
International Facility Management Association Hong Kong Chapter
The Chartered Institute of Building (HK)
The Department of Health
The Environmental Management Association of Hong Kong
The Chartered Institution of Building Services Engineers Hong Kong Branch
The Hong Kong Federation of Electrical and Mechanical Contractors Limited
The Hong Kong Institute of Housing
The Hong Kong Institute of Surveyors
The Hong Kong Institution of Engineers – Building Services Division
The Institute of Safety and Health Practitioners
The Society of Operations Engineers Hong Kong Region
Water Supplies Department

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Enrolment Form

PERSONAL CONTACT DETAILS

Name (Mr/Ms/Ir/Dr/Prof): _____

中文姓名: _____

Membership / Licensed Plumber:

- | | | |
|--|------------------------------|-------|
| <input type="checkbox"/> ASHRAE-HKC | Member No.: | _____ |
| <input type="checkbox"/> CIPHE-HKB | Member No.: | _____ |
| <input type="checkbox"/> Supporting Organization | Member No. (if appropriate): | _____ |
| <input type="checkbox"/> Full-time Student: | Student No. | _____ |
| <input type="checkbox"/> Licensed Plumber | Licensed Plumber No.: | _____ |
| <input type="checkbox"/> Non-Member | | |

Name of Company / Organization / University: _____

Position: _____

Mobile No.: _____

Email Address: _____

Do you agree that we use your personal data for promotion of future events? Yes No

Signature: _____

Date: _____

Note: After completing this form, please email to cindy.pun@jacobs.com for prior registration first. Then, please send your completed this Enrolment Form together with Crossed Cheque by Mail to "ASHRAE Hong Kong Chapter", P.O. Box 35612, King's Road Post Office, North Point, Hong Kong.

At the back of cheque, please kindly state "Technical Conference 2018", Name of Participant, Company / Organization and Contact Number.

Remarks:

1. Please settle full payment within 3 working days from registration.
2. The payment is non-refundable.
3. Application will only be confirmed with payment, on a first-come-first-served basis.
4. An official e-receipt will be issued by email to registrant only upon payment.
5. The event will be cancelled when the typhoon signal no. 8 or above, or black storm warning is hoisted 3 hours before the event commences.
6. Contact information will be solely used in future event promotion if agreed.
7. Information provided will be kept strictly confidential and will not be sold, reused, rented, loaned or otherwise disclosed to third party.
8. CPD certificate will only be issued at the end of conference.
9. 請提供閣下水喉匠牌號碼, 用於學會向課程委員會申報. 詳情可看以下水務處 <http://www.wsd.gov.hk/tc/plumbing-engineering/voluntary-continuing-professional-development-sche/accreditation/index.html>

此項具有6持續進修學分的活動由英國特許水務學會-香港分會:代號003提供
本機構已獲水喉匠牌照諮詢委員會下的持續進修課程委員會認可