

**Enrol Now**

Seminar:

**Optimisation of Operating Resources and Carbon Footprints for Attaining Sustainable Commercial Buildings**

**With Certificate**

Central to the global warming problem are the continuously increasing emissions of greenhouse gases (or carbon emissions), especially those associated with the operation of buildings. Funded by the Research Grants Council of the Hong Kong Government (Project No. PolyU 152095/15E), a multi-stage study that aims to understand how to achieve an optimum balance between the operating resources and the carbon footprints of existing commercial buildings in Hong Kong has been conducted. The Principal Investigator of the study, Dr Joseph Lai, will present in this seminar the works carried out for the study and the findings obtained, such as the conceptual research model for the study, method used to quantify carbon emissions, sources and amounts of operating resources and carbon emissions of the buildings studied, and cost effectiveness of implementing retrofits to improve building environmental performance.



**Date:**  
20 Dec 2018 (Thur)

**Time:**  
7:00 - 9:00 p.m.

**Venue:**  
Room V322  
Jockey Club Innovation Tower,  
The Hong Kong Polytechnic  
University

**About the speaker:**

Possessing a first-class honours degree in building services engineering, a master degree in environmental management and a PhD in facilities management (FM), Dr Joseph Lai is an associate professor of the Department of Building Services Engineering, The Hong Kong Polytechnic University (PolyU). Being the MSc FM Programme Leader of PolyU, the honours Dr Lai has received include the Departmental Teaching Excellence Award, Faculty Teaching Excellence Award, Dean's Award for Outstanding Achievement in Academic Programme Development, and Distinguished Educator Award of the International Facility Management Association. Dr Lai is Co-Editor of the *Facilities* journal and Regional Editor of the *Smart and Sustainable Built Environment* journal. Besides delivering training courses and consultancy services, Dr Lai has served on the committees of several professional institutions and public bodies. Appointed as Chairman of many programme validation exercises, Dr Lai has served as External Examiner and Accreditation Panel Member for various academic programmes.

**Enrollment:**

Click "[here](#)" for online enrollment (free-of-charge; first-come-first-served)

For enrollment, please visit:

For enquiries, please contact Mr. Samuel NG (Tel : 3400 3880, e-mail : [ly.ng@polyu.edu.hk](mailto:ly.ng@polyu.edu.hk))

All are  
Welcome!



**Rundown:**

6:30 - 7:00 pm Registration  
7:00 - 8:45 pm Talk by Dr Joseph Lai  
8:45 - 9:00 pm Q&A session

Note: Attendance certificates are available

Supported by:



CIBSE  
Hong Kong

