



## Lighting Professional Short Courses, 2019

*The course is designed for CPD, especially for Electrical and Building Services members of the HKIE, members of CIBSE and trade professionals. CIBSE HK Branch, HKIE Building Services Division, Energy Institute Hong Kong, HKIE Electrical Division, International Facility Management Association Hong Kong Chapter and Hong Kong Interior Design Association are the supporting organizations to the course*

### Session 1

#### Lighting Basics

Date : 7 May, 2019 (Tuesday)  
Time : 7:00 pm - 9:00 pm  
Venue: PolyU Room to be confirmed

Member HK\$450  
Non-member HK\$550  
Full time student offer: See below remark.

**Speaker :**

**Dr Tommy Wei**

**Hong Kong Polytechnic University**

1. Basic lighting quantities, units, and measurements
2. Light sources and luminaires
3. Photometry and colorimetry
4. Lumen method calculation

### Session 2

#### Façade Lighting in Hong Kong

Date : 14 May 2019 (Tuesday)  
Time : 7:00 pm - 9:00 pm  
Venue: PolyU Room to be confirmed

Member HK\$450  
Non-member HK\$550  
Full time student offer: See below remark.

**Speaker :**

**Mr Tino Kwan**

**TINOKWAN LIGHTING CONSULTANTS LTD**

1. To be confirmed shortly
- 2.
- 3.
- 4.

### Session 3

#### Lighting Simulations, procedures and design considerations

Date : 21 May 2019 (Tuesday)  
Time : 7:00 pm - 9:00 pm  
Venue: PolyU Room to be confirmed

Member HK\$450  
Non-member HK\$550  
Full time student offer: See below remark.

**Speaker :**

**Ir Leo Kong**

**WSP**

1. Overall review of BEC 2018 relating to lighting application in new and existing buildings
2. Approaches to Comply with the Lighting Power Density (LPD) & Automatic Lighting Control
3. Tips for BEC Lighting application
4. Case study of applying the BEC requirement (Lighting) and compliance

### Session 4

#### Light Pollution in Hong Kong

Date : 28 May 2019 (Tuesday)  
Time : 7:00 pm - 9:00 pm  
Venue: PolyU Room to be confirmed

Member HK\$450  
Non-member HK\$550  
Full time student offer: See below remark.

**Speaker :**

**Dr Jason Pun**

**The University of Hong Kong**

1. What is light pollution and why does it matter?
2. Status of light pollution in Hong Kong and the world
3. Research methodology on light pollution
4. Impacts of light pollution
5. Introduction to environmentally-friendly lighting

### Session 5

#### Application of Nano Optical Materials to General Lighting

Date : 4 June 2019 (Tuesday)  
Time : 7:00 pm - 9:00 pm  
Venue: PolyU Room to be confirmed

Member HK\$450  
Non-member HK\$550  
Full time student offer: See below remark.

**Speakers:**

**Ir Tony Ho**

1. Latest Development of BEC
2. Lighting Design - I&T Elements

3. Qualitative and Quantitative Design Considerations
4. Nano Optical Material Application in General Lighting
5. Further R&D

**Session 6**

**Bringing Light with BIM in Built Environment**

Date : 11 June 2019 (Tuesday)  
Time : 7:00 pm - 9:00 pm  
Venue: PolyU Room to be confirmed

Member HK\$450  
Non-member HK\$550  
Full time student offer: See below remark.

**Speakers:**

**Miss Ada Fung, BBS**  
**Chairperson, Committee on Building Information Modelling**

1. Green buildings, passive design and natural lighting
2. Building Information Modelling (BIM) and digital construction
3. Use of BIM and lighting design softwares

**Session 7**

**Environmental Friendly Lighting Design**

Date : 18 June 2019 (Tuesday)  
Time : 7:00 pm - 9:00 pm  
Venue: PolyU Room to be confirmed

Member HK\$450  
Non-member HK\$550  
Full time student offer: See below remark.

**Speakers:**

**Ir Sam Pang**  
**Aurecon group**

1. Daylight and daylight glare control
2. Lighting levels, zoning and power density
3. Efficient external lighting
4. Light and the urban environment
5. Sustainable emergency lighting

**Session 8**

**Combat between Material and Light**

Date : 25 June 2019 (Tuesday)  
Time : 7:00 pm - 9:00 pm  
Venue: PolyU Room to be confirmed

Member HK\$450  
Non-member HK\$550  
Full time student offer: See below remark.

**Speakers:**

**Mr Kyle Chan**  
**Kyle Chan Design**  
**Ms Louisa Young**  
**Vice Chairlady**  
**Hong Kong Interior Design Association**  
**Programme Leader (Interior Architecture),**  
**Department Of Design,**  
**Caritas Bianchi College Of Careers**

1. Best Colour Consistency
2. RGB colour changing
3. What is Metamerism?
4. Light and Material a mutual partner
5. Adventure - Light Travel Experience with Kyle Chan

- This form together with a crossed cheque payable to "CIE (HONG KONG) LIMITED" should be returned to Ir KS Mak, c/o Beghelli Asia Pacific Limited, Unit 610, Lakeside 2, No. 10 Science Park West Ave., HK Science Park, Shatin, HK

- Certificate of Attendance will be issued to participants; 10% discount will be offered to applicants who enrol for all 8 sessions.
- Student Offer: Full time students enjoy a free session when they enrol for one session provided they can provide proof of student ID , course code and Institute name.
- An Acknowledgment of Receipt of your enrolment fee will be sent to you upon receipt of your application.
- No refund will be made after payment, but participants can arrange to have their places substituted should they be unable to attend the programme by notifying the Secretary to **Coordinator of Professional Short Courses, Ir KS Mak** at 2620 5522 at least 2 days prior to session commencement.
- Telephone or fax reservations are welcome but are subject to confirmation by payment in full within 5 days of the date the reservation is made or 5 days prior to programme commencement, whichever is sooner.
- No classes will be held when black rain warning or typhoon signal no. 8 is in force. There will be no change in class if the black rain warning and/or typhoon signal no. 8 is lowered before 3 p.m. of that evening session.
- For reservations and enquiries please call the Secretary to **CIE (HK) Professional Short Course Coordinator, Ir KS Mak** at 2620 5522 during normal office hours or fax to 2620 6677.
- The **CIE (HK)** reserves the right to make alternations regarding the details.
- When courses are over-subscribed, the applicants will be treated on a first-come-first-serve basis. The **CIE (HK)** will notify the unsuccessful applicant(s) by fax or email (applicants please provide email, telephone contact and fax number) and will refund the application fee accordingly. Please provide clear contact information together with your application. We shall contact you should there be the need to change the time, date and place of the course.

**PLEASE FILL IN THE FOLLOWING RESERVATION FORM AND FAX BACK TO CIE (HK) AT 2620 6677 OR EMAIL TO "ksmak@beghelli.com"**

Name Mr./Mrs./Ms. \_\_\_\_\_ Company / Academic  
Institute : \_\_\_\_\_

Address : \_\_\_\_\_

Tel No.: \_\_\_\_\_ Fax No.: \_\_\_\_\_ Email : \_\_\_\_\_

Membership No.: \_\_\_\_\_ Professional  
Institution: \_\_\_\_\_

Date : \_\_\_\_\_

To enjoy our Full time students offer, they must include proof of ID, Course code and academic institute name when submitting application.

Please tick ( ✓ ) those session(s) you are interested in.

- |   |                          |   |
|---|--------------------------|---|
| 1 | <input type="checkbox"/> | Lighting Basics   |
| 2 | <input type="checkbox"/> | Façade Lighting in Hong Kong                                  |
| 3 | <input type="checkbox"/> | Lighting Simulations, procedures<br>and design considerations |
| 4 | <input type="checkbox"/> | Light Pollution in Hong Kong                                  |
| 5 | <input type="checkbox"/> | Application of Nano Optical<br>Materials to General Lighting  |
| 6 | <input type="checkbox"/> | Bringing Light with BIM in Built<br>Environment               |
| 7 | <input type="checkbox"/> | Environmental Friendly Lighting<br>Design                     |
| 8 | <input type="checkbox"/> | Combat between Material and Light                             |