





# BIM Competition

## Introduction of BIM Competition

BIM is now globally adopted in the building industry. To enhance the BIM knowledge and skills exchange, four Host Organizers organize a BIM competition to cover infrastructures in two topics – Underground Utilities and Process Plant. The competition would be held internationally. Join our competition and show your talent!

## 2 Award Criteria:

1. Technical Skills and Application
2. Presentation and Visualization

## BIM Workshops

Objective: Coaching participants on the applications of BIM and solving problems encountered by the participants throughout competition.

1st Workshop in October, 2014  
(Half day in Saturday)

2nd Workshop in November, 2014  
(Half day in Saturday)

## Objectives

1. To provide opportunity for participants to showcase their talent and to develop their potentials in innovation, technology and design in civil engineering through the promotion of BIM technology for utility industry
2. To enhance public awareness and appreciation of BIM technology for utility industry
3. To explore the potential applications of BIM technology for utility industry
4. To promote utility specialists in the society

## Requirements

1. 3 - 5 members per team, members must be all full-time tertiary education students or professionals, professionals are encouraged to partner with students
2. There is no restriction on the choice of hardware, platform and software
3. All entries must be original, have never been released and do not infringe the rights of others
4. The entry must not contain any objectionable, indecent or defamatory content
5. Emphasis will be placed on the appropriateness and data richness of the work. For Underground Utilities, connectivity is essential
6. The subject models must be 3D solid models (not lines, wireframe or point clouds)
7. Data would be provided or self-collected

More rules and regulations can be found at [www.hkius.org.hk](http://www.hkius.org.hk)



# Practical Competition

## Introduction of Practical Competition

This is a good chance for understanding utility industry. Practical competition includes quiz contest, written competition, field survey and BIM presentation.

It aims to enrich all participants' professional knowledge about utility industry. You would gain a wider view towards the industry via a series of interactive activities. Practical training would also be offered to all entrants, so that the knowledge and theories could be applied to the reality, and hence they could tackle real-life problems in a wiser way.

Participants may attend the following stages of the competition in a 2 day camp or before the camp:

Remark: Qualified members of HKIUS are not eligible to take part in the practical competition. They will be invited as tutors for the teams



## Details:

To form a team of 3 – 5 participants, highly encouraged students partnering with consultants or contractors

**Quiz Contest (As an entry contest for too many participating teams)**

**Written Competition (As Semi-final competition for no. of teams over 6)**

Question Categories would be related to safety, rules and regulations, basic theories and practical approaches about the construction industry.

**Field Survey and BIM Presentation (As final Competition)**

Field survey with field results in a camp and BIM presentation would be conducted within 14 days.

A full day training course will be provided prior to practical competition.

For more details please refer to [www.hkius.org.hk](http://www.hkius.org.hk)

## Organizing Committee Members :

### 籌委會名單:

#### Chairman of Organizing Committee

**Ir WAI Chi-sing, JP**

韋志成 工程師、太平紳士  
Permanent Secretary for Development (Works)  
Development Bureau

#### The Honorary Secretary

**Ir Dr. King WONG**

黃敬 博士、工程師、管綫專業監察師  
President (2013/15)  
Hong Kong Institute of Utility Specialists

#### The Secretary-General

**Ir LI Wing-kwai, Spencer**

李榮貴 工程師、管綫專業監察師  
Council Member (2013/15)  
Community & Construction Professionals' Development Center

#### Co-Chairman of BIM Competition

**Ir NG Chun-keung**

伍振強 工程師、管綫專業監察師  
Discipline Representative Chairman of  
Building Information Modeling (BIM) for infrastructure  
Hong Kong Institute of Utility Specialists

#### Co-Chairman of Drawing Competition

**Ir Dr. Vincent HO**

何世傑 博士、工程師、管綫專業監察師  
Chairman of Safety Committee (2013/15)  
Hong Kong Institute of Utility Specialists

#### Co-Chairman of Slogan Competition

**Ir Prof. LOCK Fat-shing, Louis**

樂法成 教授、工程師、管綫專業監察師  
Vice President (2013/15)  
Community & Construction Professionals' Development Center

#### Co-Chairman of Practical Competition

**Ir Dr. LAI Wai-lok, Wallace**

賴緯樂 博士、工程師  
Assistant Professor  
The Hong Kong Polytechnic University

(In alphabetical order of surname)

**Mr. CHAN Man-kin, Ken**

陳文健 先生  
HKIUS Company Member Representative  
U-Tech Engineering Company Limited

**Ir CHUNG Yiu-wing, Simon**

鍾耀榮 工程師  
Chief Engineer / Mainland South,  
Drainage Services Department

**Mr. KWOK Kai-yip, Zico**

郭啟業 管綫專業監察師  
Immediate Past President  
Hong Kong Institute of Utility Specialists

**Ir LAI Kam-to**

黎錦圖 工程師  
Senior Network Operation Manager,  
The Hong Kong and China Gas Company Limited

**Ir Dr. LAM Chi-hung,**

林志雄 博士、工程師  
Council Member (2013/15)  
Community & Construction Professionals' Development Center

**Ir LAM Fan-sing, Albert**

林奮成 工程師  
Hon. Secretary (2013/14)  
Control, Automation & Instrumentation Division  
The Hong Kong Institution of Engineers

**Ir LAM Kin-chung**

林建忠 工程師  
Assistant Director,  
Civil Engineering and Development Department

**Ir LAU Kan-kwok**

柳勤國 工程師  
Senior Engineer / Design(1)  
Water Supplies Department

**Ir PAK Kan-ming, Eddie**

白諫鳴 工程師  
Chief Engineer / Gas Standards B,  
Electrical and Mechanical Services Department

**Mr. TSUI Hoi-yuen, Paul**

徐開源 測量師、管綫專業監察師  
HKIUS Company Member Representative  
Esri China (Hong Kong) Limited



## Utility Safety Competitions (BIM & Practical) 2014-15

### Registration Form

\* For the Drawing & Slogan Competition form, please download at [http://www.hkius.org.hk/competition/slogan\\_drawing/](http://www.hkius.org.hk/competition/slogan_drawing/)

To: Utility Training Institute (UTI)      Tel: (852) 2690 3899      Fax: (852) 2618 4500      Email: [talks@uti.hk](mailto:talks@uti.hk)

#### Contact person

Title:       Prof.       Dr.       Ir       Sr       Mr.       Mrs       Ms.  
 First Name: \_\_\_\_\_ Surname: \_\_\_\_\_  
 Company / Organization: \_\_\_\_\_ E-mail: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Tel: (\_\_\_\_) \_\_\_\_\_ Fax: (\_\_\_\_) \_\_\_\_\_ Mobile: (\_\_\_\_) \_\_\_\_\_

#### E003A –

#### Building Information Modeling (BIM) Competition

**Eligibility:** All full-time tertiary education students and Professionals.

Honors	Prizes
Champion	HK\$10,000 or equivalent
First runner-up	HK\$5,000 or equivalent
Second runner-up	HK\$3,000 or equivalent
Merit	Certificate

Deadline of Application:  
15<sup>th</sup> October 2014

Deadline of Proposal Submission:  
31<sup>st</sup> October 2014

Deadline of Project Submission:  
15<sup>th</sup> December 2014

**Application fee:** Free of charge

We would like to apply for Building Information Modeling Competition.

#### E003D - Practical Competition

**Eligibility:** All full-time tertiary education students and Professionals.

Honors	Prizes
Champion	HK\$20,000 or equivalent
First runner-up	HK\$10,000 or equivalent
Second runner-up	HK\$5,000 or equivalent
Merit	Certificate

Deadline of Application:  
31<sup>st</sup> December 2014

Period of Competition:  
1<sup>st</sup> January 2015 – 31<sup>st</sup> March 2015

**Application fee:** HK\$2,000 / Team

(Local full-time students can apply subsidies for application fee. Successful applicants will be informed by email.)

We would like to apply for Practical Competition.  
 We are local full-time students and would like to apply for subsidy for application fee.

(Applicants could join both of the two competitions)

\*\*Applicants may be informed on upcoming news of International Institute of Utility Specialists (IIUS), Hong Kong Institute of Utility Specialists (HKIUS), Community & Construction Professionals' Development Centre (CCPDC) and Utility Training Institute (UTI)

#### Payment Method (For Practical Competition):

Submit application form with a local Hong Kong Cheque (No.: \_\_\_\_\_ / Bank: \_\_\_\_\_) made payable to “**Hong Kong Institute of Utility Specialists**”, and mail to Room 209, Favor Industrial Centre, 2-6 Kin Hong Street, Kwai Chung N.T., Hong Kong. No refund can be arranged for unilaterally cancellation by applicants.

#### Application Method

Please send the complete application form (with cheque if any) to “**Unit 209, 2/F, Favor Industrial Centre, 2-6 Kin Hong Street, Kwai Chung, N.T., H.K. / 16 Kwong Shing Street, Cheung Sha Wan, Kowloon**” with attention to “**Utility Training Institute**”. Confirmation will be sent once the application form is received. For enquiry, please call us on (852) 2690 3899.

#### Remarks:

- All submitted entries will not be returned and the ownership of copyright of all awarded works will be held by the organizer.
- The organizer reserves the right to publish all awarded drawings for publicity
- If you need to amend personal data, please send us an email to [talks@uti.hk](mailto:talks@uti.hk) or fax to (852) 2618 4500, along with your name and the updated information.

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