Host Organizers:



www.hkius.org.hk

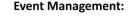


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Utility Safety Competitions BIM & Practical) 2014-15



Practical Competition

Quiz

Written **Competition**

BIM Presentation

Field Survey



















Deadlines of applications BIM: 15 October 2014 Practicals 31 December 2014







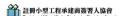
















THE HONG KONG
INSTITUTION OF EN







Supporting Organizations (Government Departments)

Supporting Organizations (Professional Organizations)









Event Management:

www.uti.hk

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 encourged 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



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

Quiz



Written Competition



Field Survey & **Presentation**

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

Organizing Committee Members:

n of Organizing Comn

Ir WAI Chi-sing, JP

韋志成 工程師、太平紳士

Permanent Secretary for Development (Works)

Development Bureau

The Hon

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、管綫專業監理師

Council Member (2013/15)
Community & Construction Professionals' Development Center

Ir NG Chun-keung

伍振強 工程師、管綫專業監理師

Discipline Representative Chairman of

Building Information Modeling (BIM) for infrastructure Hong Kong Institute of Utility Specialists

Co-Chairman of Drawing Cor

Ir Dr. Vincent HO

何世傑博士、工程師、管綫專業監理師

Chairman of Safety Committee (2013/15) Hong Kong Institute of Utility Specialists

Co-Chairman of Slogan C

Ir Prof. LOCK Fat-shing, Louis

樂法成 教授、工程師、管綫專業監理師 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 丁程師

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、管綫專業監理師

HKIUS Company Member Representative Esri China (Hong Kong) Limited

www.onecall.hk

Signature:

Host Organizers:













Event Management:

www.uti.hk

Utility Safety Competitions (BIM & Practical) 2014-15 Registration Form

* For the Drawing To: Utility Trainin	0 - 1	-		-		•	n_drawing/ : <u>talks@uti.hk</u>	
	☐ Prof.		□ Ir		☐ Mr.		☐ Ms.	
Company / Organ	nization:			_ E-mail:				
Tel: ()		I	Fax: ()	Mobile: ()				
<u>E003A –</u> <u>Building Information Modeling (BIM) Competition</u>				E003D - Practical Competition				
Eligibility: All Professionals.	full-time tert	iary educat	ion students and	Eligibility: Professiona		tertiary educat	ion students and	
Honors	Prizes		Honors		Prizes			
Champion	HK\$10,000 or equivalent			Champion			HK\$20,000 or equivalent	
First runner-up	1 1			First runner-up		HK\$10,000 or equivalent		
Second runner-u				Second runner-up		HK\$5,000 or equivalent		
Merit	Certificate		Merit	Merit Certificate				
Deadline of Application: 15 th October 2014 Deadline of Proposal Submission: 31 st October 2014 Deadline of Project Submission: 15 th December 2014			Deadline of Application: 31st December 2014 Period of Competition: 1st January 2015 – 31st March 2015					
Application fee: Free of charge				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 Building Information Modeling Competition.				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 **Applicants may be Community & Constru	informed on upcor	ming news of I		of Utility Specialis	sts (IIUS), Hong Kor	•	y Specialists (HKIUS),	
Payment Method (I Submit application in Institute of Utility refund can be arrang Application Method	form with a loca Specialists", as ged for unilaterall	l Hong Kong nd mail to Ro	oom 209, Favor Indi	ustrial Centre, 2	Bank: -6 Kin Hong Stree) made payet, Kwai Chung N	able to " Hong Kong I.T., Hong Kong. No	
Please send the com	plete application ong Shing Street	et, Cheung Sl	ha Wan, Kowloon"	with attention t			Street, Kwai Chung firmation will be sent	
Remarks: 1. All submitted entries	s will not be returne	ed and the owne	ership of copyright of a	ll awarded works	will be held by the org	ganizer.		
2. The organizer reserv	es the right to publ	lish all awarded	drawings for publicity					
3. If you need to amend personal data, please send us an email to talks@uti hk or fay to (852) 2618 4500, along with your name and the undated information								

Date: