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The 5th International Conference on Utility Management & Safety (ICUMAS 2017)

第5屆國際管綫管理及安全大會

29 - 31 March 2017

Control & Utility Management and Safety for Smart City and The Sponge City

智慧城市及海綿城市的控制與管綫管理及安全

Call for Papers & Call for Participants

Conference Details

Venue: Regal Kowloon Hotel - Hong Kong, No. 71 Mody Road, Tsim Sha Tsui, HKSAR, China
富豪九龍酒店 - 中國香港尖沙咀麼地道71號

Language: The conference official language is English.
Putonghua speakers are welcome provided presentation PowerPoints are prepared in English.
會議官方語言為英文，歡迎專家以中文(普通話)演講，但需附英文版本的演講報告



Keynote Speakers



Ir Hon Chi-Keung, JP
韓志強 工程師、太平紳士
Permanent Secretary for Development (Works)
Development Bureau
The Government of the HKSAR
香港特別行政區政府
發展局常任秘書長(工務)



Ir C L Wong, JP
黃仲良 工程師、太平紳士
Deputy Director
Water Supplies Department
The Government of the HKSAR
香港特別行政區政府
水務署 - 副署長



Ir Fedrick Kan, JP
簡炎輝 工程師、太平紳士
Assistant Director
Drainage Services Department
The Government of the HKSAR
香港特別行政區政府
渠務署 - 助理署長



Ms. Ada Fung, JP
馮宜萱 女士、太平紳士
Deputy Director of Housing
(Development & Construction)
Housing Department
The Government of the HKSAR
香港特別行政區政府
房屋署 - 副署長 (發展及建築)



Mr. Eric Yeung
楊全盛 先生
Chair
Smart City Consortium
智慧城市聯盟 - 召集人



Enquiry: ICUMAS.2017 - Conference Secretariat, MES Services Limited

Address: Unit 209, Favor Industrial Centre, 2-6 Kin Hong Street, Kwai Chung, New Territories, Hong Kong SAR, People's Republic of China

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Background



Smart city and Sponge city are hot topics for all the developed world cities, Hong Kong has no exception.

There is a keen connection between smart city/sponge city and utilities.

Indeed, Utilities affects our city safety, security and livings which may be divided into Location, Condition and Management (位置、狀況及管理).

Good utility management with help of controls and asset management yield in good safety, security and hence good livings of citizens.

ICUMAS (國際管綫管理及安全大會), is a major conference held by the Hong Kong Institute of Utility Specialists (香港管綫專業學會) (HKIUS) and International Institute of Utility Specialists (國際管綫專業學會) (IIUS) to discuss the popular issues on utility management and safety.

The 1st ICUMAS was held in 2009 and we have 2nd, 3rd and 4th in 2011, 2013 and 2014 respectively.

In 2015, we have Utility Safety & Practical Competition which successfully attracted over 1500 entries.

For 2017, HKIUS together with IIUS and HKIE-CAD (香港工程師學會 - 控制、自動化及儀器表分部) decided to keep on hosting 5th ICUMAS (第五屆國際管綫管理及安全大會) and to be held from 29th to 31st March 2017 (2017年3月29-31日).

With sincerest thanks to keen supports from different parties for the previous conferences and competitions, we invite individuals or corporations interested to take part in ICUMAS 2017 as Authors, Sponsors or participants.

Our theme for ICUMAS 2017 is "Control & Utility Management and Safety for Smart City and The Sponge City" "智慧城市及海綿城市的控制與管綫管理及安全".



• 2003 Open Forum at Hong Kong Polytechnic University



• 2007 Utility Safety & Management Conference



• HKIUS 1st ICUMAS 2009



• 2nd International Conference on Utility Management & Safety 2011



• 3rd International Conference on Utility Management & Safety 2013



• The 4th International Conference on Utility Management & Safety (ICUMAS) Summit & China International Underground Pipeline Exhibition & Conference 2014

Benefits

• CPD Certificates

Submitting Abstract – CPD certificate with 1 hour

Submitting Full Paper and Conducting Presentation – CPD certificate with 7 hours

• Presentation Opportunities

Conducting presentation in front of symbolic government officials, delegates, and more than 300 visitors.

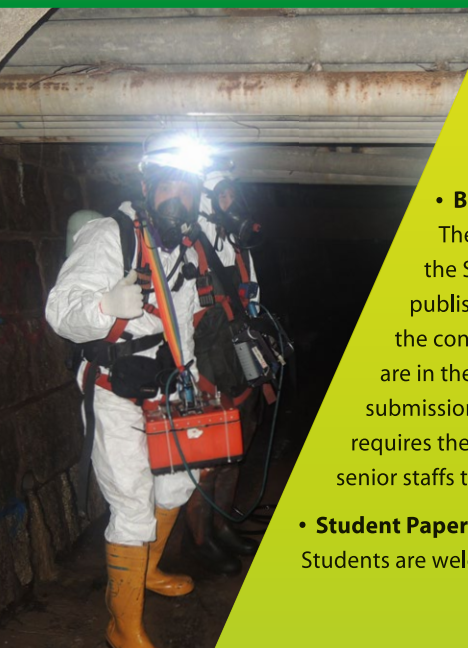
*CPD hours would be counted depending on the duration of attendance (Max 14 hours).

• Best Paper & Best Presentation Award

The papers which fall within the general theme "Control Utility Management and Safety for Smart City and the Sponge City" of the conference will be considered for presentation. Conference proceedings will be published and made available at the conference. An abstract (maximum of 300 words) should be sent to the conference secretariat no later than **15 November 2016**. Details of Reply Slip – Submitting Abstract are in the next page. Collected abstracts will be reviewed by the Technical Review Board members, and submission invitation of the full paper would be sent to the shortlisted authors. The acceptance of paper requires the named author to attend the Conference in person to give the presentation. Nomination of senior staffs to submit abstract are also welcome.

• Student Paper Award

Students are welcome to submit abstracts and papers.



Topics

Location

1. Utility Mapping
2. GPR Surveys for Utilities and Buildings
3. Training and Education for Utility Survey and Management
4. Mapping System (GIS/ BIM)
5. Research on Mapping Accuracy and Standards
6. Long Range Utility Alignment Survey

Condition Assessment

7. Building Services Condition Assessment Methods
8. Cooling Mains
9. Drainage Condition Assessment (CCTV, ME, Sonar or others)
10. Water Mains Assessment
11. Gas Main Assessment
12. Cathodic Protection
13. Condition Assessment System (GIS or others)
14. Slope Safety Assessment
15. Water Leakage Detection and Survey
16. Pipe Rehabilitation

Utility Management & Control

17. Utility Management & Practice
18. Utility Safety Management
19. Utilities for Smart City
20. Intelligent System for Utilities
21. Utility Risk Management
22. Public Utility Management
23. BIM for Infrastructures
24. Utility Project Management
25. Utility Data Management
26. GIS for Utilities
27. Materials
28. Common Utility Trenches/Ducts
29. Leakage Control and Management System
30. Smart Utilities
31. Utility Specialists in the World
32. Control Systems for Utilities

Submission Schedule

Deadlines	Description
15 November 2016	Abstract Submission
30 November 2016	Releasing Selection Result of Abstract
15 January 2017	Full Paper Submission
15 March 2017	PowerPoint Slides for Presentation Submission

Panel for Paper Vetting

Utility Location field : (Panel Chairman)

Ir Dr. Wallace LAI 賴緯樂 博士 工程師

Assistant Professor
Department of Land Surveying and Geo-Informatics
The Hong Kong Polytechnic University

Utility Condition field : (Panel Chairman & OC Member)

Ir Dr. Peter TSE 謝偉達 博士 工程師

Director of SEAM Lab
Department of Systems Engineering & Engineering Management
City University of Hong Kong

Management field : (Panel Chairman & OC Member)

Ir Dr. Vincent HO 何世傑 博士 工程師

China and International Safety Manager
MTR Corporation Limited

Control & Asset Management : (Panel Chairman & OC Co-Chair)

Ir Dr. Louis LOCK 樂法成 博士 工程師

Division Chairman
The Hong Kong Institution of Engineers
Control, Automation & Instrumentation

Panel Members and Organizing Committee Members:

Dr. Jack C.P. CHENG 鄭展鵬 博士


Associate Professor
Department of Civil and Environmental Engineering
The Hong Kong University of Science and Technology

Ir Dr. Chung-nin KO 高松年 博士 工程師

Adjunct Asso Professor
Department of Mechanical & Aerospace Engineering
The Hong Kong University of Science and Technology

Ir Dr. Pui-lam NG 吳沛林 博士 工程師

Council Member
Hong Kong Institute of Utility Specialists

Organizing Committee (OC)						
	Chairman			Co-chairmen		
	Name	Title	Organization	Name	Title	Organization
	Ir Dr. King WONG 黃敬 博士 工程師 管綫專業監理師	President Convenor	Hong Kong Institute of Utility Specialists International Institute of Utility Specialists	Ir Kam-to LAI 黎錦圖 工程師 Ir Walter LAM 林偉德 工程師	Senior Network Operation Manager Construction Manager	The Hong Kong and China Gas Co., Ltd. MTR Corporation Limited

Organizing Committee Members

Name	Title	Organization	Name	Title	Organization
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Ir Dr. Raymond CHEUNG 張偉文 博士 工程師	CAS(W)5	Development Bureau Works Branch The Government of the HKSAR	Ir Chun-Keung NG 伍振強 工程師	Director	Build.IT
Mr. Chun-man SO	Vice Hon. Secretary	Hong Kong General Building Contractors Association	Mr. Wai-lun Ric NG 吳偉麟 先生	Engineer In-Charge	Freyssinet Hong Kong Limited
Ir S.L. MAK 麥樹麟 工程師	Secretary	The Institute of Measurement & Control Hong Kong Section	Mr. Sai-man Simon SO 蘇世文 先生	General Manager	US & Associates Consulting Co. Limited
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Mr. Chin-man CHEUNG 張展文 先生	Director & General Manager	FORWIN Site Investigation Engineering Ltd.	Mr. Shu-Wai Isaac YING 應書偉 先生	Director	Toptime Technologies Co. Ltd
Mr. Kei-hong Victor CHOW 周杞匡 先生	Project Manager	UtilityINFO (1 Call) Limited	Mr. Po-Tsun Patrick YUEN 阮步臻 先生	Director	Patrick Yuen Underground Detection Company Limited
Mr. Philip FERGUSON	Director	Pipeline Condition Assessment Pty Ltd.	Dr. Wing-hong FUNG 馮穎匡 博士	Chairman	The Institute of Safety and Health Practitioners (ISHP)
Mr Lit-yin LAM 林烈賢 先生	Chairman	The Hong Kong Institution of Engineering Surveyors	Mr. Yiu-tung Anthony CHAN 陳耀東 先生	President	The Hong Kong Registered Contractors Association

Non-local Representatives

Country/City	Organization/機構	Name/代表	Title/職位	Country/City	Organization/機構	Name/代表	Title/職位
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Beijing, P.R.China	清華大學	周律 博士	副教授	Taiwan	Chinese Taipei Society for Trenchless Technology (CTSTT)	Prof. SHOU Keh-jian	Chairman
Guangzhou, P.R. China	廣州市市政集團有限公司	安關峰 博士	副總經理；總工程師；省政協委員	U.K.	The University of Edinburgh, Institute of Infrastructure & Environment	Prof. Mike FORDE	Professor
Beijing, P.R. China	《建築結構》雜誌社	王彬 先生	主任	U.S.A	Center for underground Infrastructure Research & Education (CUIRE)	Dr. NAJAFI Mohammad	Director
Sabah, Malaysia	Sabah Surveyors Board (Iembaga Juruukur Sabah)	Sr Simon CHUNG	Licensed Land Surveyor	India	Indian Society for Trenchless Technology	Prof. Niranjan SWARUP	Executive Director
Kuala Lumpur, Malaysia	PERSATUAN JURUUKUR TANAH BERTAULIAH MALAYSIA (PEJUTA)	Sr YIP Kit Meng	Executive Council	Singapore	CPG Facilities Management Pte Ltd	Mr. Emmanuel LEUNG	General Manager
Sarawak, Malaysia	Juru Survei Konsult	Sr NGU Jonathan	Licensed Land Surveyor	Spain	Iberian Society for Trenchless Technology (IbSTT)	Ms. Angel ORTEGA	Chairman

Registration Form

Conference Rate for the 5th ICUMAS

Registration	Early-bird Rate (before 30 Nov 2016)	Early-bird Rate (before 31 Jan 2017)	Normal Rate (after 31 Jan 2017)
Networking Dinner (29/30/31) March 2017	<input type="checkbox"/> HK\$800 / USD 100	<input type="checkbox"/> HK\$800 / US\$100	<input type="checkbox"/> HK\$800 / US\$100
Day 1 30 March 2017	Full Day Conference(lunch included) <input type="checkbox"/> HK\$1,600 / US\$200	Full Day Conference(lunch included) <input type="checkbox"/> HK\$2,000 / US\$250	Full Day Conference(lunch included) <input type="checkbox"/> HK\$2,500 / US\$320
Day2 (Morning) “Utility Professionals Summit” 管線專業高峰論壇 31 March 2017	“Utility Professionals Summit” <input type="checkbox"/> HK\$800 / US\$100	“Utility Professionals Summit” <input type="checkbox"/> HK\$800 / US\$100	“Utility Professionals Summit” <input type="checkbox"/> HK\$800 / US\$100
Day 2 (Afternoon) Site Visit 31 March 2017	Site Visit <input type="checkbox"/> HK\$800 / US\$100	Site Visit <input type="checkbox"/> HK\$1,000 / US\$130	Site Visit <input type="checkbox"/> HK\$1,200 / US\$150
Day 1 + Day 2 Full Day	<input type="checkbox"/> HK\$2,500 / US\$320	<input type="checkbox"/> HK\$2,900 / US\$370	<input type="checkbox"/> HK\$3,400 / US\$430
Day 1 + Day 2 Summit	<input type="checkbox"/> HK\$2,100 / US\$270	<input type="checkbox"/> HK\$2,500 / US\$320	<input type="checkbox"/> HK\$3,000 / US\$380
<i>Registration fee includes ICUMAS and copy of conference proceedings</i>	Total HK\$_____ / US\$_____ * 20% discount for delegates of 5 or above * 10% discount for members of co-organizers and supporting organizations * 20% discount for students		
Sponsorship for Advertisement (ICUMAS Proceedings) 贊助場刊	<input type="checkbox"/> 封底 Back Cover for US\$1,900 / HK\$15,000		
	<input type="checkbox"/> 封二、前扉 Inside Front Cover / Front Title Page for US\$1,550 / HK\$12,000		
	<input type="checkbox"/> 封三、後扉 Inside Back Cover / Back Title Page for US\$1,280 / HK\$10,000		
	<input type="checkbox"/> 跨頁 Inside two Pages for US\$1,900 / HK\$15,000		
	<input type="checkbox"/> 內頁 Inside Pages for US\$640 / HK\$5,000 per page		
Sponsorship (Others) 其他贊助	<input type="checkbox"/> 金額 Amount: _____		

Delegate Details

Company / Organization:		
Contact Person:		Title: Prof. / Dr. / Ir / Sr / Mr. / Mrs. / Ms.
Full Name (English)		
Full Name (Chinese if applicable)		
Position:		
Address:		
City:	Country:	Post Code:
Phone:	Fax:	E-mail:
Other Delegates		

Payment Method

1. By Cheque

Please submit the filled registration form with a local Hong Kong Cheque (No.: _____ / Bank: _____) made payable to “HONG KONG INSTITUTE OF UTILITY SPECIALISTS”, and mail to Conference Secretariat, MES Services Limited, Unit 209, Favor Industrial Centre, 2-6 Kin Hong Street, Kwai Chung, New Territories, Hong Kong SAR, People's Republic of China

2. Telegraphic Transfer

Name of Bank : Bank of China (Hong Kong) Limited 中國銀行(香港)
 Name of Account : HONG KONG INSTITUTE OF UTILITY SPECIALISTS
 Account No : 012-565-00014068 (港幣HKD)
 SWIFT CODE : BKCHHKHHXXX

3. ALIPAY Transfer 支付寶

Account: mes.services.ltd@gmail.com/ 852 - 92294114

For any enquiry, please call ICUMAS Conference Secretariat, MES Services Limited (852) 3188 5230 or email to icumas@hkiaus.org.hk