



# 16th World Conference of the Associated Research Centers for the Urban Underground Space

5 - 7 November 2018

Hong Kong Convention and Exhibition Centre



Dates:

Training Workshop: 4 November 2018

Main Conference: 5 -7 November 2018

Technical Visit: 8 November 2018

Important Dates:

Deadline for submission of full papers: 30 June 2018

Deadline for early-bird registration: 30 April 2018

## Keynote Speakers



**Prof. QIAN Qihu**

Academician of Chinese Academy of Engineering, China

Topic: **Underground Infrastructure Construction of Future City**



**Mr. Raymond LEE**

Director of Planning, The Government of the Hong Kong Special Administrative Region

Topic: **Cavern and Underground Space Development: Towards Sustainable City Development in Hong Kong**



**Mr. Eng Hwee LIM**

Chief Executive Officer, Urban Redevelopment Authority, Singapore

Topic: **Underground: Singapore's Next Frontier**



**Prof. David MANGIN**

Co-partner, SEURA Architects, France

Topic: **Urban Underground Interconnectivity and Lessons Learnt from 40 Years of Functional Metro Planning in Dense Urban Cities**



**Mr. Ilkka VÄHÄÄHO**

Chairman of the Finnish Tunnelling Association International Activity Group, Finland

Topic: **Urban Underground Space - Sustainable Property Development and Current Status of the Helsinki Underground Master Plan**



**Ms. Sanja ZLATANIC**

Senior Vice President, HNTB Corporation

Topic: **Use of single bore for transportation contributes ACUUS' vision for urban sustainability**

## Themed Speakers

**Mr. Jacques BESNER**

General Manager, ACUUS

Topic: **Public Hearing For Underground Space Development: The Canadian Experience**

**Mr. Michel DEFFAYET**

Manager, The Centre for Tunnel Studies, France

Topic: **Considering Fire Safety Issues in Underground Facilities**

**Prof. Chee-Kiong SOH**

Professor, Nanyang Technological University, Singapore

Topic: **Developing and Communicating High-value, Human-centered Underground Work Spaces: Results of a Multi-disciplinary, Multi-year Study**

**Mr. Andrew MEAD**

Chief Architect (ARBUK), MTR Corporation, Hong Kong

Topic: **UNDERGROUND: Spatial Orientation in a World without Windows**

**Mr. Michael LAU**

Senior GIS Solution Manager, ESRI, Hong Kong

Topic: **Smart Water Management with Advanced Mapping and Spatial Analytics**

**Ir. CK NG**

Chairman, The Hong Kong Institute of Utility Specialists, Hong Kong

Topic: **From BIM Modelling of the Underground World to Digital Construction**

**Mr. Chen ZHANG**

Chief Engineer, SMEDI, China

Topic: **Review and Practice of Utility Tunnels in China**

Organised by:



Associated research Centers for the Urban Underground Space  
Association des Centres de recherche sur l'Utilisation Urbaine du Sous-sol

Supported by:



發展局  
Development Bureau



渠務署  
Drainage Services Department



香港建造商會  
HKCA



THE HONG KONG INSTITUTE OF SURVEYORS  
香港測量師學會



香港城市設計學會  
Hong Kong Institute of Urban Design



香港學院  
Hong Kong Institute of Utility Specialists



HONG KONG WASTE MANAGEMENT ASSOCIATION  
香港廢物管理協會

ice | hong kong



Mehk & Associates  
mehk



規劃署  
PLANNING DEPARTMENT



THE UNIVERSITY OF HONG KONG  
香港大學  
Faculty of Architecture  
建築學院



THE HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY  
香港科技大學



THE INSTITUTE OF MATERIALS  
材料科學研究所



IOM  
The Institute of Materials, Minerals and Mining



水務署  
Water Supplies Department

## Workshop

### Training Workshop: Challenges & Integrated Solutions for Underground Development in Metropolitan Cities

Date: 4 November 2018 (Sunday)

Time: 9:30 am to 5:15 pm (lunch included)

Venue: Room KB526, 5/F Knowles Building, The University of Hong Kong, Pokfulam Road, Hong Kong

Session 1- Why goes underground and what are key design considerations?

Session 2 - Economic analysis for underground space

Session 3 - Land and legal issues associated with planning, design and management of underground space

Session 4 - How to get the most of public hearing on underground projects

Dr Richard Pang  
 Prof Dimitris Kaliampakos  
 Mr Mark Wallace  
 Mr Jacques Besner

### Topics to be covered

- Integrated Planning
- Architecture and Design
- Underground Infrastructure
- Sustainability and Environment
- Safety and Human Factors
- Economics and Legal Issues
- Technical Approaches and Innovations

### Technical Visit Opportunities:

1. Stanley Sewage Treatment Plant
2. Happy Valley Stormwater Storage Tanks
3. Po Shan Drainage Tunnel and HKU Saltwater Service Reservoir
4. Tseung Kwan O – Lam Tin Tunnel



### Registration Fees\*

Categories	Early-bird Registration On or before 30 Apr 2018	Regular Registration 1 May – 15 Oct 2018	Late / Onsite Registration After 15 Oct 2018
<b>Main Conference (5-7 Nov 2018)</b>			
<b>ACUUS member* / HKIE member</b>	<b>HK\$4,800 (US\$615)</b>	<b>HK\$5,800 (US\$745)</b>	<b>HK\$6,500 (US\$835)</b>
<b>Non-ACUUS member* / Non-HKIE member</b>	<b>HK\$5,500 (US\$705)</b>	<b>HK\$6,500 (US\$835)</b>	<b>HK\$7,000 (US\$895)</b>
<b>Student</b>	<b>HK\$1,800 (US\$230)</b>		
<b>Gala Dinner</b>	<b>HK\$880 (US\$115)</b>		
<b>Technical Visit (8 Nov 2018)</b>	<b>HK\$200 (US\$25)</b>		
<b>Training Workshop (4 Nov 2018)</b>			
<b>ACUUS member* / HKIE member</b>	<b>HK\$1,100 (US\$140)</b>	<b>HK\$1,400 (US\$180)</b>	<b>HK\$1,600 (US\$205)</b>
<b>Non-ACUUS member* / Non-HKIE member</b>	<b>HK\$1,400 (US\$180)</b>	<b>HK\$1,700 (US\$220)</b>	<b>HK\$1,900 (US\$245)</b>
<b>Student</b>	<b>HK\$450 (US\$60)</b>	<b>HK\$540 (US\$70)</b>	<b>HK\$620 (US\$80)</b>

\*CPD Certificate will be issued.

The registration fee will be charged in Hong Kong Dollars. US Dollars are for reference only.

Enquiry

Tel: (852) 2559 9973 Email: enquiry@acuus2018.hk

For registration, please visit:  
[www.acuus2018.hk](http://www.acuus2018.hk)

