

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

5-7 November 2018, Hong Kong Convention and Exhibition Centre



## PROGRAMME-AT-A-GLANCE

Date Time	4 November 2018 Sunday	5 November 2018 Monday	6 November 2018 Tuesday	7 November 2018 Wednesday	8 November 2018 Thursday		
08:15 - 09:00	<b>Registration</b>						
09:00 - 09:45	<b>Training Workshop [09:00 - 16:30]</b>	<b>Opening Ceremony</b>  <b>Guest of Honour: Ir SH Lam Permanent Secretary for Development (Works)</b>	<b>Plenary Session: Keynote Lectures 4 &amp; 5</b>  • Urban Underground Interconnectivity and Lessons Learnt from 40 Years of Functional Metro Planning in Dense Urban Cities <i>(Prof. David Mangin)</i>  • Use of single bore for transportation contributes ACUUS' vision for urban sustainability <i>(Ms. Sanja Zlatanic)</i>	<b>Plenary Session: Keynote Lecture 6</b>  • Urban Underground Space - Sustainable Property Development and Current Status of the Helsinki Underground Master Plan <i>(Mr. Ilkka Vähäaho)</i>	<b>Technical Visit</b>  <i>Visit 1</i> Stanley Sewage Treatment Plant  <i>Visit 2</i> Happy Valley Stormwater Storage Tanks  <i>Visit 3</i> Po Shan Drainage Tunnel and HKU Saltwater Service Reservoir  <i>Visit 4</i> Tseung Kwan O – Lam Tin Tunnel		
09:45 - 10:30		<b>Plenary Session: Keynote Lecture 1</b>  • Future Urban Underground Infrastructure Construction in China <i>(Prof. Qihu Qian)</i>	<b>Book Presentation [09:45 - 10:15]</b>  Underground Spaces Unveiled – Planning and Creating the Cities of the Future <i>(Mr. Han Admiraal &amp; Ms. Antonia Cornaro)</i>				
10:30 - 11:00		Coffee break	Coffee break <b>(with Burst 2)</b>	Coffee break <b>(with Burst 4)</b> <b>[10:15 - 10:35]</b>			
11:00 - 12:30		<b>Plenary Session: Keynote Lecture 2 &amp; 3</b>  • Cavern and Underground Space Development: Towards Sustainable City Development in Hong Kong <i>(Mr. Raymond Lee)</i>  • Underground: Singapore's Next Frontier <i>(Mr. Eng Hwee Lim)</i>	<b>Expert Panel Discussion:</b>  Expert Panelists: <i>Prof. Dimitris Kaliampakos Mr. Han Admiraal Mr. Wai Keung Pun Mr. Eng Hwee Lim Mr. Ilkka Vähäaho</i>  Moderator: Mr. Mark Wallace	<b>Parallel Session [10:35 – 12:30]</b>  <table border="1" style="width: 100%; text-align: center;"> <tr> <td style="width: 33%;"><b>Parallel Session 3A</b></td> <td style="width: 33%;"><b>Parallel Session 3B</b></td> <td style="width: 33%;"><b>Parallel Session 3C</b></td> </tr> </table>		<b>Parallel Session 3A</b>	<b>Parallel Session 3B</b>
<b>Parallel Session 3A</b>	<b>Parallel Session 3B</b>	<b>Parallel Session 3C</b>					
12:30 - 14:00	Lunch						

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14:00 - 15:30		<b>Plenary Session: Theme Presentations 1-3</b> <ul style="list-style-type: none"> <li>• UNDERGROUND: Spatial Orientation in a World without Windows (<i>Mr. Andrew Mead</i>)</li> <li>• Considering Fire Safety Issues in Underground Facilities (<i>Mr. Michel Deffayet</i>)</li> <li>• Public Hearing for Underground Space Development: The Canadian Experience (<i>Mr. Jacques Besner</i>)</li> </ul>			<b>Plenary Session: Theme Presentations 4-6</b> <ul style="list-style-type: none"> <li>• Developing and Communicating High-value, Human-centered Underground Work Spaces: Results of a Multi-disciplinary, Multi-year Study (<i>Prof. Chee-Kiong Soh</i>)</li> <li>• Underground Urbanism: How could we better plan for the future of our cities, both above and below ground? (<i>Ms. Elizabeth Reynolds</i>)</li> <li>• Experience and Lessons of Utility Tunnels in China (<i>Mr. Xinhua You</i>)</li> </ul>			<b>Parallel Session [14:00 - 15:40]</b>		
					<b>Parallel Session 4A</b>	<b>Parallel Session 4B</b>	<b>Parallel Session 4C</b>			
15:30 - 15:50		Coffee break (with Burst 1)			Coffee break (with Burst 3)			Coffee break (with Burst 5) [15:40 - 16:00]		
15:50 - 17:30	<b>Welcome Reception [17:00 - 19:00]</b>							<b>Plenary Session: Theme Presentations 7-8 [16:00 - 17:00]</b> <ul style="list-style-type: none"> <li>• From Underground BIM to Digital Construction (<i>Mr. C K Ng</i>)</li> <li>• Smart Water Management with Advanced Mapping and Spatial Analytics (<i>Mr. Michael Lau</i>)</li> </ul>		
		<b>Parallel Session 1A</b>	<b>Parallel Session 1B</b>	<b>Parallel Session 1C</b>	<b>Parallel Session 2A</b>	<b>Parallel Session 2B</b>	<b>Parallel Session 2C</b>			
17:30 - 19:00		<b>ACUUS Board Meeting</b>			<b>ACUUS General Assembly [17:30 - 18:15]</b>			<b>Closing Ceremony [17:00 - 17:15]</b>		
					<b>Transportation for Gala Dinner</b>					
19:00 - 22:00					<b>Gala Dinner</b>					