

Engineering our Future: Masterclass for Tomorrow's Global Leaders

(By invitation only)

Date : 13 January 2018 (Saturday)				
Venue : Wang Gungwu Theatre, Graduate House, The University of Hong Kong, Pokfulam				
Opening	8:30 - 9:00	Registration		
	9:00 - 9:10	Opening Address	Prof Lord Robert Mair ICE President 2018 Sir Kirby Laing Professor of Civil Engineering University of Cambridge	
Keynote & Special Addresses	9:10 - 9:25	Keynote Address	Mr CM Shun JP Director of The Hong Kong Observatory, HKSAR	
	9:25 - 9:30	Special Address	Prof SC Wong BBS, JP Associate Dean Faculty of Engineering, University of Hong Kong	
Part I Masterclass	9:30 - 10:10	1 st Session – TECH (Technology, Engineering, Climate, Humanitarian) Talks on Shaping the Cities		
		Interaction – What types of natural hazards are we facing?		
		Creativity and Agility	Dr Derrick Pang JP Chief Executive Officer Chun Wo Development Holdings Limited	
		Vulnerability and Resilience to Landslide Hazards	Ms Jenny Yeung Chief Geotechnical Engineer Geotechnical Engineering Office, Civil Engineering and Development Department, HKSAR	
		Future Resilience in Urban Drainage System	Ms Alice Shing Senior Engineer Drainage Services Department, HKSAR	
		Interaction – How to mitigate impacts of natural hazards?		
	10:10 - 10:50	2 nd Session – Deserving to be Leaders? Social Responsibilities of Professionals		
		Global Visions in Shaping the World	Mr Michael Kwok Chairman Ove Arup & Partners Hong Kong Ltd.	

Part 1 Masterclass (cont.)		Interaction – What are the roles of engineers?		
		'Late Show' with engineers participated in humanitarian missions	Various Guests	
10:50 - 11:05		Coffee Break and VR Simulation ¹		
Part 2 Leaders' Forum	11:05 - 13:00	Think Tanks		
		Theme 1: "Cities Alive: 100 issues shaping future cities"		
		Theme 2: "Drivers of Change"		
		Group Presentations		
		Prize Award for Group Presentations		
13:00 - 14:00		Lunch (with light lunch provided)		
Part 3 Visits to Signature Engineering Projects	14:00 - 14:15	Briefing		
	14:15 - 16:00	Project Visits in 3 Groups		
		Project 1: Po Shan Drainage Tunnels		
		Project 2: Happy Valley Underground Stormwater Storage Scheme		
		Project 3: Zero Carbon Building & Construction Innovation and Technology Application Centre (CITAC) ²		
	16:00 - 16:20	Debriefing		
Closing	16:20 - 16:30	Concluding Remarks	Mr CM Lee Past Chairman ICE Hong Kong Association	
	16:30	Dismiss at HKU		

Notes:

1. Virtual Reality (VR) simulating past fatal landslides in Hong Kong can be experienced during the day.
2. Students participating in the visit to Project 3 will be dismissed in Kowloon Bay at 16:30.