

ICE Bicentenary Hong Kong

Innovation Summit

Engineering our Future: Masterclass for Tomorrow's Global Leaders

Saturday 13 January 2018

Wang Gungwu Theatre, Graduate House

The University of Hong Kong, Pokfulam, Hong Kong

(By Invitation)



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Innovation Summit

Engineering our Future: Masterclass for Tomorrow's Global Leaders

ICE 200

Established in 1818 in London, the Institution of Civil Engineers (ICE) is the first professional engineering body in the world. Since obtaining its Royal Charter in 1828, it has expanded considerably and now has more than 90,000 members across the world. ICE is celebrating its 200th birthday in 2018. "ICE 200" is about people, impact and the future.

Masterclass

This Masterclass aims at providing insightful students of selected schools with a platform to understand the major challenges facing their generation and to stimulate their creativity and commitment towards future infrastructure development and resilience needs in the society. There will be:-

- an opening address by **Prof Lord Robert Mair**
- a keynote address by **Mr CM Shun JP** on climate change
- a special address by **Prof SC Wong BBS JP** on Nurturing Modern Engineers
- TECH TALKS on Shaping the Cities (Dr Derrick Pang, Ms Jenny Yeung and Ms Alice Shing)
- interviews with civil engineers who have served humanitarian organisations contributing professional knowledge to developing countries (Mr Michael Kwok)
- a LEADERS' FORUM in which students will act as 'Think Tanks' to give projections and plans as future leaders of the society on two themes, namely 'Cities Alive: 100 issues shaping future cities' and 'Drivers of Changes'
- other interactive activities such as virtual reality corner and visits to signature engineering projects

Through this one-day Masterclass, students will learn about how the civil engineering profession has shaped the world in the past centuries, recent technological advances and succession of minds in seeking continuous improvement of quality of life. It will be a golden opportunity to interact with fellow high-flyer students to express views on topical engineering and societal issues, and bring about new perspectives on the development and resilience of our cities.



Professor Lord Robert Mair
ICE President 2018; Sir Kirby Laing Professor
University of Cambridge



Mr CM Shun JP
Director of The Hong Kong Observatory,
HKSAR



Prof SC Wong BBS, JP
Associate Dean
Faculty of Engineering
University of Hong Kong



Visits to Signature Engineering Projects

Project 1 Po Shan Drainage Tunnels

Mitigate landslide risks in the Mid-levels area

Project 2 Happy Valley Underground Stormwater Storage Scheme

Alleviate flooding problem in Happy Valley and Wanchai areas

Project 3 Zero Carbon Building & CITAC

Showcase of zero net energy eco-building and smart city technologies

Registered charity number 210252.
Charity registered in Scotland number SC038629.



ice.org.uk