

**2019.07.11**

### **Technical Seminar on Modular Integrated Construction**

A Technical Seminar on “Modular Integrated Construction (MiC)” jointly organized by the Chinese National Engineering Research Centre for Steel Construction (Hong Kong Branch) (CNERC) and the Hong Kong Constructional Metal Structures Association (HKCMSA) was successfully held on 11 July 2019 at the InterContinental Grand Stanford Hotel with a total of 350 registrants attended.

The Seminar is part of the “Professional Development Programme for Design and Construction Engineers” to promote effective adoption of MiC in Hong Kong. It provides a technical platform for a number of renowned designers, and engineers as well as researchers to disseminate their experiences and research findings on advanced construction technology of MiC to enable innovative applications of modular integrated construction in both public and private buildings. The Technical Seminar was sponsored by Construction Innovation and Technology Fund.

Honorary guests of the Seminar are:

- Mr. K. K. Chan, Chairman of Construction Industry Council
- Ir Dr. the Hon. W. K. Lo, Member of the Legislative Council of the Hong Kong SAR
- Ir Eric C. S. Ma, former Secretary for Development of the Government of Hong Kong SAR
- Ir Dr. Richard Pang, Director – Industry Development of Construction Industry Council
- Prof. C. S. Poon, Head of Department of Civil and Environmental Engineering, The Hong Kong Polytechnic University



From left: Prof. Poon, Ir Ma, Prof. Mendis, Mr. Chan, Prof. Chung, Dr. Lo, Dr. Pang, and Prof. Yam.



A full house of 350 delegates participated in the Technical Seminar on MiC.

This Seminar aims to promote MiC in Hong Kong, and the presentations are delivered by:

- Prof. Priyan Mendis, The University of Melbourne, Australia
- Ir Prof. K. F. Chung, The Hong Kong Polytechnic University
- Ir Richard S. M. Lee, Yau Lee Construction Co., Ltd.
- Ir W. M. Leung, P&T Group
- Prof. S. P. Chiew, Singapore Institute of Technology, Singapore
- Mr. Z. M. Chen, China Construction Steel Structure Corp., Shenzhen, China
- Ir Dr. Goman Ho, Ove Arup and Partners Hong Kong Ltd.
- Dr. Louis Y. L. Chu, The University of Hong Kong

Mr. K. K. Chan, Chairman of Construction Industry Council (CIC) was the Guest of Honour of the Seminar, and he who officiated the event by giving an Opening Speech.



Mr. K. K. Chan delivered an Opening Speech for the Seminar.

During the Opening Ceremony, a MOU was signed between the CNERC and Centre for Advanced Manufacturing of Prefabricated Housing (CAMP.H), The University of Melbourne for research collaboration on MiC.



Prof. K. F. Chung, Director of CNERC and Prof. P. Mendis, Director of CAMP.H signed a MOU on research collaboration on MiC, witnessed by Prof. C. S. Poon, Mr. Eric S. C. Ma, Mr. K. K. Chan, Dr. W. K. Lo, and Prof. Michael C. H. Yam.

**Technical Seminar on Modular Integrated Construction (MiC)**

**Date: 11 July 2019 (Thursday)**

**Time: 9:00 a.m. – 5:00 p.m.**

**Venue: InterContinental Grand Stanford Hotel, Mody Road, TST East.**

**Programme:**

<b>Time</b>	<b>Programme of Ceremony:</b>	<b>Master Dr.</b>
	<b>T. M. Chan</b>	
<b>9:00 a.m.</b>	<b>Opening Ceremony</b> <b>Mr. K. K. Chan, SBS, JP, Construction Industry Council</b>	<b>Session Chair:</b> <b>Ir Dr. Richard Pang, CIC</b>
<b>9:15 a.m.</b>	<b>High-rise Modular Construction - Latest development</b> <b>Prof. Priyan Mendis, The University of Melbourne</b>	
<b>9:45 a.m.</b>	<b>Key design considerations in Modular Integrated Constructions for Hong Kong</b> <b>Ir Prof. K. F. Chung, The Hong Kong Polytechnic University</b>	
<b>10:15 a.m.</b>	<b>Refreshments</b>	
<b>10:45 a.m.</b>	<b>Modular Integrated Construction – Semi-Precast Concrete MiC System</b> <b>Ir Richard S. M. Lee, Yau Lee Construction Co., Ltd.</b>	<b>Session Chair:</b> <b>Ir Prof. Michael C. H. Yam, PolyU</b>
<b>11:15 a.m.</b>	<b>Sharing of P&amp;T's experience – from precast to MiC construction, from Singapore to Hong Kong</b> <b>Ir W. M. Leung, P&amp;T Group</b>	
<b>11:45 a.m.</b>	<b>Panel Discussion</b>	
<b>12:15 p.m.</b>	<b>Lunch Break</b>	
<b>2:00 p.m.</b>	<b>PPVC - A DfMA Game Changing Technology for Singapore</b> <b>Prof. S. P. Chiew, Singapore Institute of Technology, Singapore</b>	<b>Session Chair:</b> <b>Dr. T.M. Chan, PolyU</b>
<b>2:30 p.m.</b>	<b>建築鋼結構高效焊接新技術及應用</b> <b>陳振明技術部總經理, 中建鋼構有限公司</b>	
<b>3:00 p.m.</b>	<b>Refreshments</b>	
<b>3:30 p.m.</b>	<b>Stepping into a New Era of Modular Integrated Construction</b>	<b>Session Chair:</b>

<b>Presentation 7</b>	<b>Ir Dr. Goman Ho, Ove Arup and Partners Hong Kong Limited</b>	<b>Ir Prof. Michael C. H. Yam, PolyU</b>
<b>4:00 p.m. Presentation 8</b>	<b>Project management on MiC in Hong Kong – Case study on a student hostel</b> <b>Dr. Louis Y. L. Chu, The University of Hong Kong</b>	
<b>4:30 p.m.</b>	<b>Panel Discussion</b>	
<b>5:00 p.m.</b>	<b>End</b>	



Ir Dr. Richard Pang was Chair of the first session of the Seminar.



Prof. Priyan Mendis, The University of Melbourne.

Prof. P. Mendis gave a presentation on “*High-rise Modular Construction - Latest development*”.



Ir Prof. K. F. Chung, The Hong Kong Polytechnic University.

Ir Prof. K. F. Chung gave a presentation on “*Key design considerations in Modular Integrated Constructions for Hong Kong*”.



Ir Richard S. M. Lee, Yau Lee Construction Co., Ltd.

Ir Richard S. M. Lee gave a presentation on “*Modular Integrated Construction – Semi-Precast Concrete MiC System*”.



Ir W. M. Leung, P&T Group.

Ir W. M. Leung gave a presentation on “*Sharing of P&T’s experience – from precast to MiC construction, from Singapore to Hong Kong*”.



Prof. S. P. Chiew, Singapore Institute of Technology, Singapore.

Prof. S. P. Chiew, Singapore gave a presentation on “*PPVC - A DfMA Game Changing Technology for Singapore*”.



Mr. Z. M. Chen, China Construction Steel Structure Corp. Ltd.

Mr. Z. M. Chen gave a presentation on “*建築鋼結構高效焊接新技術及應用*”.



Ir Dr. Goman Ho, Ove Arup and Partners Hong Kong Ltd.

Ir Dr. Goman Ho gave a presentation on “*Stepping into a New Era of Modular Integrated Construction*”.



Dr. Louis Y. L. Chu, The University of Hong Kong.

Dr. Louis Y. L. Chu gave a presentation on “*Project management on MiC in Hong Kong – Case study on a student hostel*”.



Ir Kenneth K. F. Mo, Chairman of Joint Working Group on MiC, DEVB & CIC.

Ir Kenneth K. F. Mo gave a Closing Remark to the Seminar.



Prof. K. F. Chung thanked Ir Kenneth Mo on the behalf of CNERC.



After the Technical Seminar, a dinner was held for all the speakers with the presence of 2 distinguished guests:

- Mrs. Sylvia Lam, JP, Director of Architectural Services Department, and
- Ir Dr. M. F. Hui, Acting Director of Buildings Department of the Government of Hong Kong SAR.



A dinner of the Seminar for all speakers and distinguished guests.