



General

Seminar on a review of the use of precast construction in Hong Kong since 1970s and examples of innovative design for future modulated precast projects

Date, time & venue

2013-05-18; 9:30am - 12:00pm; HKIE

Programme highlights

This seminar will be divided into two sessions:

Session 1 - The history of the development of precast technology in building since 1970s will briefly highlight. Based on the rich collection from Mr Raymond Wong's photo archive, he will provide a visual summary showing the main construction features and detailing of works of the major milestone projects of Hong Kong. Some examples of precast application in civil works and the future trend of the precast technology will also be discussed as the final summing up the talk.

Session 2 - The design research explores the use of volumetric systems in total concrete precast methods through the conception of building prototypes developed at incrementing scales. The prototypes aim to provide new models for precast housing made of prefabricated kits of standardised yet customised volumetric elements that minimise greatly in the construction time and manual labour on site while offering a range of varying living units that fit the needs and aspirations of prospective residents.

Speakers

Session 1 - Mr Raymond W M Wong is currently a Lecturer at the Division of Building Science and Technology at the City University of Hong Kong. Mr Wong is a member of HKIE and CIOB. He got his first professional qualification as a Chartered Builder in 1982. Since joining the City University in 1992, Mr Wong has undertaken a series of intensive studies of some of the Hong Kong's world-renowned construction projects, such as the new airport at Chek Lap, major railway and highway projects, as well as many mega-size building projects.

In the recent 12 years, Mr Wong has extended his study towards the urban development of some major cities of the PRC, in particular Guangzhou, Shanghai, Beijing and Chongqing, with a focus on the urban planning, infrastructure development and revitalisation projects in these cities. Mr Wong is an active researcher in both the areas of engineering construction and other fields related to urban studies. He has produced more than 100 professional papers and publications in various media and journals, both locally and internationally.

Session 2 - Mr Olivier Ottevaere, Belgian origin, graduated with a Degree in Architecture from the Cooper Union in New York and with an MSc in Adaptive Architecture and Computation from the Bartlett in London. He has practised in New York, Lisbon and London and has taught design studios in Denmark, the UK and for the last five years in Switzerland. In 2010, he also was a Unit Master at the Architectural Association. His interests reside in the conception of space in architecture driven by a hybrid approach between digital and physical design explorations. He is currently an Assistant Professor at the University of Hong Kong and continues developing design works under his initials- double (O).

Registration & enquiries

This seminar is free of charge and no prior registration is required. The number of participants is limited to 60 and the seats will be allocated on a first-come-first-served basis. For enquiries, please contact Ir Adam Choy at Tel: 2859 5483