

Research and Applications of Precast Concrete Structures

Time:
6:30pm - 7:30pm

16
Apr
2019

Tuesday

Venue:

Room Y304, Block Y, Lee
Shau Kee Building, The Hong
Kong Polytechnic University

Registration:

Online registration at
<http://goo.gl/HGKwPH> or by
scanning the QR code.

This seminar is free of
charge. The attendance
certificate will be provided
upon request.

For more information, please
contact Dr. Songye Zhu:

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Prof. Weichen XUE

Department of Structural Engineering, Tongji University,
China

Distinguished Professor of Chang Jiang Scholar, Ministry of
Education of China

Abstract

Since 2000, Prof. Xue and his group have developed a series of new types of precast concrete frame structures, shear wall structures, insulated sandwich façades, and utility tunnels. Systematic tests and theoretical studies have been conducted to investigate mechanical behaviors and design methods of the above precast concrete structures. In this presentation, the results of the work will be introduced. In addition, the relevant technical standards and construction applications will also be briefly introduced.



Speaker's Biography

Dr. Weichen Xue is a Professor of Structural Engineering in Tongji University, China. Currently, he serves as Vice Chairman of the Academic Committee of the Chinese Architectural Society for Industrialization and Architecture, Vice President and Secretary General of the Branch of Civil Engineering, Chinese Society for Composite Materials, Vice Chairman of the Building Industrialization Branch of the China Survey and Design Association, and Deputy Director of the Comprehensive Pipeline and Underground Space Professional Committee of China Municipal Engineering Association.

His main research interests lie in three distinct areas in structural engineering: a) Precast concrete structures, b) Prestressed concrete structures and c) FRP reinforcements in civil engineering. So far, he has authored or co-authored over 200 publications, including about twenty papers were published in ACI/ASCE journals. Prof. Xue serves as chair or co-chair of over twenty Chinese national, provincial and associational design codes.

Language: English



