Title	**Fire Safety Design for Super High Rise Buildings in China.**
Description	**Speakers:** Dr. Young Wong Dr Young Wong is a Director with Ove Arup & Partners Hong Kong Ltd and leads the East Asia Fire Engineering Team. He has over 15 years of consultancy experience in fire engineering, working on projects in Hong Kong, Macau, China, Middle East, India and the UK. Ir Dr Wong has extensive fire engineering experience on a wide range of building types including super-tall buildings, large terminals and mega complex. His responsibilities include the production of integrated fire safety strategies, as well as providing fire safety advice for projects from conceptual through to completion. He has expert knowledge in the field of Structural Fire Engineering, which is the subject of his PhD research at the University of Sheffield in England. **Abstract:** Super-high-rise buildings present a great challenge to designers and fire engineers due to a number of unique features: pro-long evacuation, difficulties in fire-fighting access, structural robustness in fire, requirement on water supply and stack effects. In China, some of the tallest buildings today are in excess of 500m and 600m although the high-rise fire safety code caters for buildings in the region of 250m. The high rise code requires the provision of refuge floor for highrise buildings. In addition, super-high-rise buildings are required to have enhancements and these enhancements, such as using lift for evacuation, are provided on case-by-case basis. Fire safety codes were originally developed to provide prescriptive requirements aiming to address fire safety for common buildings and design features. Special buildings, such as super-high-rise are often outside the scope of original fire codes' intend. Fire engineering approach can be adopted to evaluate the adequateness of fire safety provisions and the necessary enhancements added to the super-high-rise. Arup has produced fire safety strategies and conducted fire engineering assessments on a number of super-high-rise buildings in China, including the International Commerce Centre in Hong Kong (484m, 108 storeys), Shanghai World Financial Centre (492m, 101 storeys) and Shenzhen PingAn International Finance Centre (600m+, 115 storeys). This presentation intends to discuss the fire strategies for super-high-rises based on the project experience gained from these prominent buildings. The presentation also aims to promote discussions and exchange of views among the fire safety industry on how to address the fire safety challenges presented to very tall buildings.
Event date	31/7/2015 (Friday)
Number of Participants	180
Location	Auditorium, Kowloon Tong Fire Station, 3 Baptist University Road, Kowloon Tong, Kowloon / 1815-1945
Assembly Place & Time	Auditorium, Kowloon Tong Fire Station, 3 Baptist University Road, Kowloon Tong, Kowloon / 1815-1945
Commencement of Seminar	Auditorium, Kowloon Tong Fire Station, 3 Baptist University Road, Kowloon Tong, Kowloon / 1815-1945
Fee	Free of Charge