

Technical Seminar and Workshop Performance-based Structural Design of Tall Buildings

1-2 June 2018 | Asian Institute of Technology, Thailand

1 June 2018

Time	Topics	Speakers
09:00 – 09:10	Welcome remarks	Dr. Naveed Anwar <i>Executive Director, AIT Solutions</i>
09:10 – 09:40	Special considerations and challenges in performance-based structural design of tall buildings	Dr. Naveed Anwar
09:40 – 09:45	Q&A	
09:45 – 10:35	An alternative static procedure for nonlinear time history analysis for tall and slender structures	Dr. Goman Ho <i>Arup Fellow, Global Leader of Tall Building Skills Network, Adjunct Professor of Hong Kong Polytechnic University</i>
10:35 – 10:40	Q&A	
10:40 – 11:00	Coffee / Tea break	
11:00 – 11:55	Performance-based structural design practices in China	Engr. Steve Zuo <i>P.E, Managing Principal, SGI Engineering</i> Engr. Aamer Islam <i>Principal, ADG</i>
11:55 – 12:00	Q&A	
12:00 – 13:30	Lunch break	
13:30 – 14:10	Procedure for performance-based structural design of tall buildings	Engr. Thaung Htut Aung <i>Head, Civil & Structural Engineering Unit</i>
14:10 – 14:15	Q&A	
14:15 – 14:55	Case studies: performance-based structural design of tall buildings	Dr. Pramin Norachan <i>Coordinator, Civil & Structural Engineering Unit</i>
14:55 – 15:00	Q&A	
15:00 – 15:20	Coffee / Tea break	
15:20 – 16:00	Nonlinear modeling and analysis procedures	Engr. Shabir Talpur <i>Manager, Civil & Structural Engineering Unit</i>
16:00 – 16:05	Q&A	
16:05 – 16:45	Wind effects on buildings and structures and wind tunnel model tests	Engr. Ziauddin Wrishad <i>Senior Wind Engineer</i>
16:45 – 16:50	Q&A	

2 June 2018

Time	Topics	Speakers
09:00 – 09:05	Opening session remarks	
09:05 – 10:30	Hands-on training of Performance-based seismic design using ETABS 2016 (Part 1)	Engr. Thaung Htut Aung
10:30 – 10:50	Coffee / Tea break	
10:50 – 12:00	Hands-on training of Performance-based seismic design using ETABS 2016 (Part 2)	Engr. Thaung Htut Aung
12:00 – 13:00	Lunch break	
13:00 – 14:10	Hands-on training of Performance-based seismic design using ETABS 2016 (Part 3)	Engr. Thaung Htut Aung
14:10 – 14:30	Coffee / Tea break	
14:30 – 16:00	Hands-on training of Performance-based seismic design using ETABS 2016 (Part 4)	Engr. Shabir Talpur