

1st NATIONAL COLLOQUIUM ON WIND AND EARTHQUAKE ENGINEERING

13 & 14 JANUARY 2017, KUANTAN, MALAYSIA

Day 1 – International Advance School & Keynotes speech (1,2, & 3)

Venue: Casuarina Room		
Time	Event	Speaker
8:00 am – 8:30 am	<i>Registration</i>	
8:30 am – 10:30 am	<i>International advanced school 1 :</i> <ul style="list-style-type: none"> • Equivalent static wind load • Aerodynamic characteristic of tall building 	Prof Yukio Tamura
10:30 am – 11:00 am	<i>Tea Break</i>	
11:00 am – 13:00 pm	<i>International advanced school 2:</i> <ul style="list-style-type: none"> • Strong wind and characteristic • CFD application on structural wind engineering problem 	Prof Shuyang Cao
13:00 pm – 2:30 pm	<i>Lunch Break</i>	
2:30 pm – 3:15 pm	<i>Keynote 1 :</i> <i>Wind related disaster and risk reduction</i>	Prof Yukio Tamura
3:15 pm – 4:15 pm	<i>Keynote 2 :</i> <i>Future development of aerodynamic bridge</i>	Prof Shuyang Cao
4:15 pm – 5:00 pm	<i>Keynote 3 :</i> <i>Toward seismic design implementation in Malaysia</i>	Prof Taksiah A. Majid

Day 2 –Keynotes speech (4) and technical paper presentation

Venue: Casuarina Room		
Time	Title	Speaker
8:15 am – 9:00 am	<i>Keynote 4 :</i> <i>Consideration of wind and seismic design for tall building</i>	Ing. Wan Nazri Wan Aria
9:00 am – 10:30 am	<i>Oral presentation session 1 :</i> <ul style="list-style-type: none"> • Structural wind engineering • Environmental wind engineering • Wind energy 	As listed in schedule of oral presentation
10:30 am – 11:00 am	<i>Tea Break</i>	
11:00 am – 13:00 pm	<i>Oral presentation session 2 :</i> <ul style="list-style-type: none"> • Research in civil engineering field • Seismic hazard assessment • Pushover analysis 	As listed in schedule of oral presentation
13:00 pm – 2:30 pm	<i>Lunch Break</i>	
2:30 pm – 5:00 pm	<i>Oral presentation session 3 :</i> <ul style="list-style-type: none"> • Seismic design, repair, and retrofit • Nonlinear time history analysis • Lateral cyclic load • Lessons learned from recent earthquake 	As listed in schedule of oral presentation
Closure	<i>Closing ceremony and award presentation (best presenter – innovative & informative)</i>	

SCHEDULE OF ORAL PRESENTATION – 14 JAN 2017 – SESSION 1

SESSION 1: CASUARINA ROOM					
No.	Presenter	Paper ID	Title	Institution/Company	Time
1	Siti Aisyah Kamarudin	WD01	Evaluation of overhead transmission tower subjected to predominantly wind loading	Universiti Tenaga Nasional	9:00 – 9:15
2	Dr.Eng. Hadyan Hafizh	WD02	Experimental optimization of heat-induced convective flows for updraft velocity improvement in tornado-type wind power generator	City University	9:15 – 9:30
3	Farah Alwani Wan Chik	WD03	Case study: post disaster investigation on wind damage for rural housing roofing system in northern Peninsular Malaysia	Universiti Sains Malaysia	9:30 – 9:45
4	Siti Noratikah Che Deraman	WD04	Numerical simulation on the effect of kitchen house location around rural house using computational fluid dynamics	Universiti Sains Malaysia	9:45 – 10:00
5	Wan Nurfariza Wan Yahya	WD05	Effects of gap height on rural houses using computational fluid dynamics (CFD)	Universiti Sains Malaysia	10:00 – 10:15
6	Yin Mun H'ng	WD06	A short review on pedestrian wind assessment techniques in urban area	Universiti Teknologi Malaysia	10:15 – 10:30

SCHEDULE OF ORAL PRESENTATION – 14 JAN 2017 – SESSION 2

SESSION 2: CASUARINA ROOM					
No.	Presenter	Paper ID	Title	Institution/Company	Time
1	PM Dr. Maged Marghany	CV01	Multi-objective optimization evolutionary algorithm for investigation of fake MH370 debris	Universiti Putra Malaysia	11:00 – 11:15
2	Dr. Noor Sheena Heriyani Harith	EQ01	Historical seismicity of Sabah region and its implication for seismic design	Universiti Malaysia Sabah	11:15 – 11:30
3	Dr. Nabilah Abu Bakar	EQ05	Site specific seismic hazard assessment for Kuala Lumpur and vicinity from long distance earthquakes	Universiti Putra Malaysia	11:30 – 11:45
4	PM Dr. Maged Marghany	EQ04	Four-dimensional reconstruction of Nepal earthquake displacement from Sentinel-1A satellite	Universiti Putra Malaysia	11:45 – 12:00
5	PM Dr. Maged Marghany	EQ06	Four-dimensional of tsunami disasters effects utilizing hologram interferometry of satellite data	Universiti Putra Malaysia	12:00 – 12:15
6	Ir. Hj. Mohd Noor Azudin Bin Mansor	EQ07	Vulnerability studies to existing building due to seismic activities in Sabah	JKR Malaysia	12:15 – 12:30
7	Junaidah Abdullah	EQ11	Sensitivity of lift core positions for T-shaped reinforced concrete buildings subjected to seismic loads	Universiti Sains Malaysia	12:30 – 12:45
8	Nik Zainab Nik Azizan	EQ15	Static pushover analysis for Koyna Dam	Universiti Sains Malaysia	12:45 – 13:00

SCHEDULE OF ORAL PRESENTATION – 14 JAN 2017 – SESSION 3

SESSION 3: CASUARINA ROOM					
No.	Presenter	Paper ID	Title	Institution/Company	Time
1	Ir. Dr. Saffuan Wan Ahmad	EQ02	Determination of earthquake design ratio for fixed offshore platform due to Aceh earthquake in Malaysia	Universiti Malaysia Pahang	14:30 – 14:45
2	Dr. Suhailah Mohamed Noor	EQ08	Strength and stiffness distributions of torsional building systems	Universiti Teknologi Mara	14:45 – 15:00
3	Mohd Nur Asmawisham Alel	EQ09	Building inventory for seismic risk assessment using unmanned aerial vehicle	Universiti Teknologi Malaysia	15:00 – 15:15
4	Dr. Mariyana Aida Ab Kadir	EQ10	Utilisation of rubberised concrete to enhance damping ratio for concrete structures	Universiti Teknologi Malaysia	15:15 – 15:30
5	Dr. Kay Dora Abd Ghani	EQ12	Modeling of structural deformation of staff quarters hospital Ranau subjected to the 2015 Ranau earthquake using Ruaumoko 2D	Universiti Teknologi Mara	15:30 – 15:45
6	Mohd Azuan Tukiar	EQ13	Seismic assessment of staff quarters hospital Ranau subjected to the 2015 Ranau earthquake using fragility curve	Universiti Teknologi Mara	15:45 – 16:00
7	Sk Muiz Sk Abd Razak	EQ14	Feasibility assessment of levitating magnetic damper for structural response control	Universiti Malaysia Perlis	16:00 – 16:15
8	Mohd Zamri Ramli	EQ16	Cost comparison for non-seismic (EC2) and seismic (EC8) design in different ductility class for five-storey building	Universiti Teknologi Malaysia	16:15 – 16:30
9	Mohd Ashaari Masrom	EQ17	Seismic performance of interior wall-slab joint in tunnel form building designed to British Standard subjected to lateral cyclic loading	Universiti Teknologi Mara	16:30 – 16:45
10	Nubailah Abd Hamid	EQ18	Behaviour of smart reinforced concrete beam with super elastic shape memory alloy subjected to monotonic loading.	Universiti Teknologi Mara	16:45 – 17:00
Closing ceremony & presentation of best paper awards					17:00 – 17:15