

Research Seminar on Full-scale Monitoring for Wind Disaster Mitigation  
November 3rd, 2011 Kihada Hall in Kyoto University

Time	Presenter/Affiliation	Title
	Opening remarks	
9:30 — 9:40	Tamura, Yukio Tokyo Politechnic University	
	Invited lecture 1	
9:40 — 10:25	Kareem, Ahsan University of Nortre Dame	Performance of buildings in urban areas under winds
	General presentation 1	
10:25 — 10:40	Yoshida, Akihito Tokyo Politechnic University	Full-scale monitoring of displacement of buildings by GNSS technology
10:40 — 10:55	Yang, Qing-Shan Beijing Jiaotong University	Field measurements of wind field and wind-induced response of Yingxian Timber Tower
10:55 — 11:10	Ito, Shinji Konoike Construction Co.,LTD	A study on wind vector field around a real building by 3-D ultrasonic
11:10 — 11:25	Tamura, Yukio Tokyo Politechnic University	Wind characteristics of a strong typhoon: Maemi 2003
11:25 — 12:45	Lunch	
	Invited lecture 2	
12:45 — 13:30	Ge, Yao-jun Tonji University	Full measurement of dynamic and aerodynamic performance of a long-span suspension bridge
	General presentation 2	
13:30 — 13:45	Katsuchi, Hiroshi Yokohama National University	Full-scale measurement of wind and bridge response for design verification of long-span suspension bridge
13:45 — 14:00	Kimura, Kichiro Tokyo Institute of Science	An examination on wind-resistance of a bridge in high design wind speed region
14:00 — 14:15	Kikitsu, Hitomitsu National Institute for Land and Infrastructure Management	Fundamental evaluation on fragility of V-beam steel roof deck subjected to high wind with rainfall
14:15 — 14:30	Shirato, Hiromichi Kyoto University	Transient aerodynamic forces on structural members due to sudden increase of wind velocity
14:30 — 14:40	Break	
	Invited lecture 3	
14:40 — 15:25	Xu, Y. L. The Hong Kong Polytechnic University	Wind and structural health monitoring of landmark structures
	General presentation 3	
15:25 — 15:40	Kobayashi, Fumiaki National Defence Academy in Japan	Doppler radar observation of cumulonimbus initiation in the Kanto region, Japan
15:40 — 15:55	Maruyama, Takashi Kyoto University	Reproducibility of strong wind fields by downscaling using calculations by meteorological model
15:55 — 16:10	Hayashi, Taiichi Kyoto University	Comparison of several compact weather station in Shionokisaki
16:10 — 16:20	Break	
	General presentation 4	
16:20 — 16:35	Miyashita, Koichi Wind Engineering Institute	Characteristics of winds near ground surface based on full scale measurements at various sites with different terrains
16:35 — 16:50	Uematsu, Yasushi Tohoku University	Discussion of the disagreement between wind tunnel experiments and full scale measurements for pedestrian winds in urban areas
16:50 — 17:05	Yamanaka, Tooru Kajima Corporation	Observations of vertical structure of strong wind in urban area
17:05 — 17:20	Tamura, Tetsuro Tokyo Institute of Technology	Wind velocity profiles in the center of Tokyo-full scale measurement, roughness length estimation and meteorologica factors
17:20 — 17:35	Kawai, Hiromasa Kyoto University	Pressure measurements on buildngs and houses in Shionomisaki Wind Effect Laboratory
	Closing remarks	
17:35 — 17:40	Kawai, Hiromasa Kyoto University	