

Program of SEEBUS 2018

2nd November 2018 (Fri), Lecture Room No.3, Campus Plaza Kyoto	
9:20-9:40	Opening session Coordinators: Prof. Yu-Chen Ou (Nat'l Taiwan Univ., Taiwan) Prof. Hong-Gun Park (Seoul Nat'l Univ., Korea) Prof. Masanori Tani (Kyoto Univ., Japan)
Session A: Fiber Reinforced Concrete Structures Chairs : Prof. Cheol-Ho Lee (Seoul Nat'l Univ., Korea) & Prof. Yasushi Sanada (Osaka Univ., Japan)	
9:40-10:00	Seismic Tests on Reinforced Concrete Beam-Column Joints using Steel Fiber Reinforced Ultra-High-Strength Concrete Presenter: Mr. Hiroto Takatsu (Takenaka Corporation, Japan)
10:00-10:20	Shear Behavior of Ultra High Performance Hybrid Fiber Reinforced Concrete Beams Presenter: Prof. Chung-Chan Hung (Nat'l Cheng Kung Univ., Taiwan)
10:20-10:40	Development and Application of Highly Flowable Strain Hardening Fiber Reinforced Concrete in New RC Building Systems Presenter: Prof. Wen-Cheng Liao (Nat'l Taiwan Univ., Taiwan)
10:40-11:00	Coffee Break
Session B: Reinforced Concrete Structures (1) Chairs : Prof. Yu-Chen Ou (Nat'l Taiwan Univ., Taiwan) & Prof. Masanori Tani (Kyoto Univ., Japan)	
11:00-11:20	Building Damages in Pohang Earthquake and the Lessons Presenter: Prof. Hong-Gun Park (Seoul Nat'l Univ., Korea)
11:20-11:40	Comparative Analysis of Structural Damage Potentials Observed in the 2016 Gyeongju and 2017 Pohang Earthquakes in Korea Presenter: Prof. Cheol-Ho Lee (Seoul Nat'l Univ., Korea)
11:40-12:00	Retrofitting by Installing Wing Walls for an Exterior RC Beam-column Joint with Substandard Straight Anchorage of Beam Longitudinal Rebar Presenter: Mr. Syafri Wardi (Osaka Univ, Indonesia/Japan)
12:00-13:00	Lunch
Session C: Earthquake Engineering & Base Isolation Systems Chairs : Prof. Sung-Gul Hong (Seoul Nat'l Univ., Korea) & Prof. Koshiro Nishimura (Tokyo Inst. of Tech., Japan)	
13:00-13:20	Integration of Artificial Neural Network and Stochastic Subspace Identification for Structural Health Monitoring Presenter: Prof. Tzu-Kang Lin (Nat'l Chiao-Tung Univ., Taiwan)

13:20-13:40	Fundamental Study on Bond Properties Using Fiber-Optic Strain Sensing Technology Presenter: Mr. Atsushi Shibayama (Central Research Inst. of Electric Power Industry, Japan)
13:40-14:00	Real-Time Shake Table Hybrid Testing of Polynomial Friction Pendulum Isolators Presenter: Prof. Shih-Yu Chu (Nat'l Cheng Kung Univ., Taiwan)
14:00-14:20	An Experimental Study of Frictional-Pendulum Isolation System Subjected to Pulse-Like Ground Motions Presenter: Prof. Yin-Nan Huang (Nat'l Taiwan Univ., Taiwan)
14:20-14:40	Coffee Break
Session D: Prestressed Concrete and Other Structures Chairs : Prof. Chin-Tung Cheng (Nat'l Kaohsiung Univ. of Sci. and Tech., Taiwan) & Prof. Hong-Gun Park (Seoul Nat'l Univ., Korea)	
14:40-15:00	Seismic Behavior of Rocking Reinforced Concrete Walls and Hybrid Walls Presenter: Mr. Taku Obara (Tokyo Inst. of Tech., Japan)
15:00-15:20	Seismic Performance of Unbonded Post-tensioned Precast Concrete Walls with Internal and External Dampers Presenter: Ms. Yuan Liu (Kyoto Univ., China/Japan)
15:20-15:40	An Analytical Model for Partially-Confined Masonry Panels Presenter: Prof. Yi-Hsuan Tu (Nat'l Cheng Kung Univ., Taiwan)
15:40-16:00	Structural Behavior and Restoration of Mireuksaji Stone Pagoda Presenter: Ms. Fahimeh Yavartanoo (Seoul Nat'l Univ., Iran/Korea)
16:00-16:20	Coffee Break
Session E: Reinforced Concrete Structures (2) Chairs : Prof. Susumu Kono (Tokyo Inst. of Tech., Japan) & Prof. Jung-Yoon Lee (Sungkyunkwan Univ., Korea)	
16:20-16:40	Seismic Shear Behavior of Slender High-Strength Reinforced Concrete Columns Presenter: Prof. Yu-Chen Ou (Nat'l Taiwan Univ., Taiwan)
16:40-17:00	Effects of Lap Splice Details of Column Longitudinal Reinforcement at Plastic Hinge Region Presenter: Dr. Chul-Goo Kim (Dankook Univ., Korea)
17:00-17:20	Experimental Study on Bond Strength in R/C Beams with Double Layered Cutoff Bars Presenter: Prof. Koshiro Nishimura (Tokyo Inst. of Tech., Japan)
17:20-17:40	Seismic Performance of Bearing Wall Building with Piloti Configurations Damaged by 2017 Pohang Earthquake Presenter: Prof. Tae-Sung Eom (Dankook Univ., Korea)

3rd November 2018 (Sat), Katsura Hall, Katsura Campus, Kyoto University	
Session F: Reinforced Concrete Structures (3) Chairs : Prof. Thomas Kang (Seoul Nat'l Univ., Korea) & Prof. Yi-Hsuan Tu (Nat'l Cheng Kung Univ., Taiwan)	
8:40-9:00	Flexural Crack Control for High-Strength Reinforced Concrete Beam Members Presenter: Prof. Chien-Kuo Chiu (Nat'l Taiwan Univ. of Sci. and Tech., Taiwan)
9:00-9:20	Maximum Amount of Shear/Torsional Reinforcement of RC Members Presenter: Prof. Jung-Yoon Lee (Sungkyunkwan Univ., Korea)
9:20-9:40	Performance Based Design of Interior Beam-column Joints Presenter: Prof. Hyeon-Jong Hwang (Hunan Univ., China)
9:40-10:00	Seismic Design Criteria for RC Beam-Column Joints with High-Strength Reinforcement Presenter: Prof. Hung-Jen Lee (Nat'l Yunlin Univ. of Sci. and Tech., Taiwan)
10:00-10:20	Coffee Break
Session G: Steel and Composite Structures Chairs : Prof. Yin-Nan Huang (Nat'l Taiwan Univ., Taiwan) & Prof. Minehiro Nishiyama (Kyoto Univ., Japan)	
10:20-10:40	Seismic Behavior of RCS Joints with Limited-ductility Details Presenter: Dr. Ho-Jun Lee (Seoul Nat'l Univ., Korea)
10:40-11:00	In-plane Instability of the Steel Column under Combined Loading Condition Presenter: Prof. Atsushi Sato (Nagoya Inst. of Tech., Japan)
11:00-11:20	Cyclic Tests of Concrete-Filled Double-Steel-Plate Composite Walls Subjected to In-Plane Shear Loads Presenter: Prof. Chin-Tung Cheng (Nat'l Kaohsiung Univ. of Sci. and Tech., Taiwan)
11:20-11:40	Analysis of Hysteretic Restoring Force Characteristics of Welded Moment Connection with Local Buckling Presenter: Prof. Kouhei Takatsuka (Kyoto Univ., Japan)
11:40-12:00	An Experimental Study of Naturally Buckling Braces Presenter: Prof. Po-Chien Hsiao (Nat'l Taiwan Univ. of Sci. and Tech., Taiwan)
12:00-12:20	Cyclic Behavior of Steel Braces Treated in the Middle by Induction Hardening Technology Presenter: Prof. Konstantinos A. Skalomenos (Kyoto Univ., Greece/Japan)
12:20-13:20	Lunch @ Katsura Rounge
13:20-13:40	Closing Session & Talk Coordinators: Prof. Yu-Chen Ou (Nat'l Taiwan Univ., Taiwan) Prof. Hong-Gun Park (Seoul Nat'l Univ., Korea) Prof. Masanori Tani (Kyoto Univ., Japan)
13:40-14:00	Group Photo
14:00-14:10	Move to Structural Laboratory

14:10-14:40	Structural Laboratory Tour
14:40-15:30	Bus to Construction Site
15:30-17:00	Construction Site Tour @ New Kyoto Stadium
17:00-18:30	Bus to Kyoto Station