The 16th Japan-Taiwan-Korea Joint Seminar on Earthquake Engineering for Building Structures (SEEBUS 2014)

Seoul, Korea, September 19-20, 2014

Curriculum Vitae (Japan)

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Research Interest	(1) Performance based seismic design of RC Structures (2) Precast/Prestressed Concrete Structures	
Title of Paper	Attendance	

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Research Interest	(1) Earthquake resistant masonry systems	
Title of Paper	FE analysis of multi-storey RC frames with energy dissipating	SIM panels

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Organization	Structural Engineering Research Center, Tokyo Institute of Technology	*
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Research Interest	Wooden Structure, Passive Control Scheme, Base Isolation	
Title of Paper	Study on Dynamic Behavior of High-Rise Base-Isolated Buildi Based on Its Responses Recorded during The 2011 Tohoku-Ok	C

Name	Takanori MATSUI	
BS / PhD	Kyoto University / -	
Position	Graduate Student	50
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Research Interest	RC Shear Wall RC Structures	
Title of Paper	EFFECT OF BI-DIRECTIONAL LATERAL LOADING ON IN RESISTANCE OF RC WALL	N-PLANE SHEAR

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Research Interest	 (1) Investigation and Analysis of Eartquake-Damaged Buildings. (2) Analytical Model for Strength and Stiffness Prediction of Brick Masonry Infill. (3) Seismic Performance Evaluation of RC Frame Buildings Considering Nonstructural Infill Effects.
Title of Paper	Seismic Performance Evaluation of Earthquake-Damaged Buildings In Indonesia Affected by Brick Masonry Infill

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Research Interest	RC Secondary Walls, Structural Slits, RC Shear Walls	
Title of Paper	Experimental Study on the Impact Damage of Reinforced Con d by Collision of Tsunami Debris	crete Walls Cause

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Research Interest	(1) Reinforced Concrete Structures (2) Seismic Performance of RC Walls	
Title of Paper	Seismic Performance of Confined RC Rectangular Wall Bound	aries

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Research Interest	 (1) 3D dynamic behavior of steel structures (2) Collapse behavior and ultimate earthquake resistance (3) Deterioration behavior of steel members governed by local buck 	kling
Title of Paper	CYCLIC LOADING TEST ON RHS COLUMNS UNDER B HORIZONTAL FORCES AND CONSTANT AXIAL FORCE	I-DIRECTIONAL

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Research Interest	(1) Seismic Performance Evaluation of Existing Buildings and Rep(2) Post-earthquake Damage Evaluation for Damaged Buildings(3) Tsunami Load Evaluation	air/Strengthening
Title of Paper	Proposal of Simplified Backbone Curve for URM Wall infilled RC	Frame

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Research Interest	 (1) Seismic Design of Reinforced and Prestressed Concrete Buildings (2) Development of New Structural Concrete Systems (3) High-Strength Concrete
Title of Paper	None

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Research Interest	(1) Seismic Performance and Design of Prestressed and Reinforced Concrete Structure (2) Fire Resistance of Prestressed and Reinforced Concrete Structure
Title of Paper	Attendance

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Research Interest	(1) Evaluation of seismic behavior and performance of R/C and masonry buildings (2) Development of testing system and analytical model
Title of Paper	Attendance

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Research Interest	(1) Seismic design of reinforced concrete structures (2) Interaction between RC multi-story shear wall and pile foundati	on systems
Title of Paper	Attendance	

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Research Interest	(1) Fire Resistance (2) RC Structures	
Title of Paper		

Name	Mohammad Mahdi RAOUF-FARD	
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Research Interest	(1) Fire-resistive reinforced concrete buildings	
Title of Paper	None.	

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Research Interest	(1) Design Method of Fiber Reinforced Concrete(2) Prestressted Concrete(3) RC Structure	
Title of Paper		

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Research Interest	(1) Seismic Performance of Reinforced Concrete Structure	
Title of Paper	STRUCTURAL EXPERIMENTS OF ONE-STORY ONE-BAY ESISTING FRAMES WITH SECONDARY WALLS	R/C MOMENT R

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Research Interest	(1) Prestressed and precast concrete	
Title of Paper		

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Research Interest	(1) RC Wall (2) RC Structures	
Title of Paper		

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Research Interest	(1) RC Structure	
Title of Paper		

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Research Interest	(1) RC Shear Wall (2) RC Structures	
Title of Paper	Effect of Bi-directional Lateral Loading on In-plane Shear Resistance of RC Wall	

Curriculum Vitae (Taiwan)

Name	Chung-Che CHOU	
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Research Interest	(1) Structure Earthquake-Resistant Design(2) Steel and Composite Structures(3) Post-Tensioned Self-Centering Structures	
Title of Paper	Seismic Tests of Large-Scale Steel Energy Dissipating Braces: Dua Centering Brace and Sandwiched Buckling-Restrained Brace	al-Core Self-

Name	Yin-Nan Huang
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Research Interest	(1) Performance assessment of buildings(2) Seismic risk assessment of nuclear power plants(3) Passive control of structures
Title of Paper	An assessment for the design of high-damping rubber bearings using effective l near and bilinear models

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Research Interest	(1) Seismic behavior of steel structures(2) Steel and reinforced concrete composite structures
Title of Paper	Axial compressive behavior of composite columns confined by multiple spirals

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Research Interest	(1) Seismic behavior of beam-column joint (2) shear strength of deep RC members
Title of Paper	Experimental Study of Alternative Detailing for Coupling Beams

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Research Interest	 (1) Seismic behavior of corroded RC structures (2) Seismic behavior of high-strength RC structures (3) Seismic behavior of precast concrete structures (4) Seismic behavior of RC columns with innovative spiral reinforce (5) Seismic behavior of RC structural walls with opening 	eement
Title of Paper	Cyclic behavior of precast high-strength reinforced concrete co	lumns

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Research Interest	 (1) Behavior of reinforced concrete columns and walls (2) Seismic assessment of reinforced concrete buildings (3) Seismic behavior of confined masonry buildings (4) Lightweight structure design
Title of Paper	Analytical Model for Capacity Curve of Confined Masonry Wing-Walls

Name	Chin-Tung CHENG	
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Research Interest	(1) Composite Structures(2) Earthquake Engineering(3) Large-Scale Structural Tests	
Title of Paper	Seismic performance of structures base-isolated with rocking bearing	ng

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Research Interest	 (1) Seismic isolation and energy dissipation (2) Structural dynamics and control (3) Semi-active control (4) Smart structural systems 	
Title of Paper	Seismic protection of equipment by using a piezoelectric smart iso	lation system

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Research Interest	(1) Performance-Based Earthquake Engineering(2) Seismic Design of Structures(3) Steel Structures	
Title of Paper	A Case Study of Seismic Performance of Special Concentrical with Strongback System	ly Braced Frame

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Research Interest	 (1) Shear strength of reinforced concrete members (2) Behavior of reinforced concrete beam-column joints (3) Seismic design and retrofit of reinforced concrete structures 	
Title of Paper	Experimental Study of Alternative Detailing for Coupling Beams	

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Research Interest	 (1) Implementation and Design of Structural Control Systems (2) Development of Real-Time Dynamic Hybrid Testing Techniques (3) Structural Health Monitoring and System Identification 	
Title of Paper	Performance Verification of a Leverage-type Stiffness-Controllable Mass Damper	

Curriculum Vitae (Korea)

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Research Interest	 (1) Steel and Composite Structures (2) Seismic Resistant Design (3) Floor Vibration (4) Structural Fire Design
Title of Paper	Mitigation of off-tuning effect of floor vibration by using asymmetric tuned mass damper

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Research Interest	(1) Mechanism-based strength models for structural concrete, (2) Rocking behavior of stone pagoda under earthquake	
Title of Paper	Multi-Level Evaluation of Stone Pagodas under Earthquake Loadin	g

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Research Interest	 (1) Structural Seismic Design (2) Seismic Performance Evaluation of Structures with Energy Dissipating Systems (3) Post-tensioned Self-centering Structures 	
Title of Paper	Collapse Capacities of Steel Intermediate Moment-Resisting Frame	es

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Research Interest	(1) Earthquake-Resistant Design(2) Structural Analysis(3) Structural Dynamics	
Title of Paper	Mitigation of off-tuning effect of floor vibration by using asymmetry damper	etric tuned mass

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Research Interest	(1) Reinforced Concrete,(2) Seismic Testing,(3) Seismic Analysis and Design of Building Structures.	
Title of Paper	Seismic Torsional Responses of an RC Low-Rise Building Mo arities at Ground Story	del Having Irregul

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Research Interest	(1) Active & Passive Structural Control(2) Seismic Performance Evaluation(3) Seismic Retrofit
Title of Paper	Seismic Fragility Assessment of Masonry-Infilled RC Frames

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Research Interest	(1) Structural Design of New Buildings, (2) Performance Assessment of Existing Buildings	
Title of Paper	Structural Design of the Tallest Building in Korea	

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Research Interest	 (1) Earthquake Engineering of Building Structures (2) Numerical Modeling for Nonlinear Behavior of Reinforced Con (3) Reinforced Concrete Design (4) Steel-Concrete Composite Design 	crete
Title of Paper	Strain Based Bond Strength Model of Re-bars in Interior Beam-Col Subjected to Cyclic Loading	umn Joints

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Research Interest	(1) Experimental Technology of Vibration Control(2) Control Algorithm of Active Vibration Control(3) Energy Dissipation Technology	
Title of Paper	A Fast Computer Vision Method for Liquid Height Measurement of	TLCDs

Name	Jae-Man, Lee	
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Research Interest	 (1) Reinforced concrete (2) Prestressed/Precast concrete (3) Long-span structures (4) Retrofitting by prestress etc. 	
Title of Paper	Development of Double-Beam System for Realization of Long-Spa	n Structures

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Research Interest	(1) Seismic Design of Steel Structures,(2) Structural Design of Tall Buildings,(3) Blast and Progressive Collapse Analyses of Buildings
Title of Paper	Structural Design of the Tallest Building in Korea

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Research Interest	 (1) Dynamic Effects on Structures (Including Blast and Impact Resistant Design) (2) Design of Reinforced, Prestressed and Post-Tensioned Concrete Structures (3) Structural Behavior of New Materials in Combination with Concrete 	
Title of Paper	Seismic Evaluation of Existing RC Slab-Column Frames and Propo ACI 369 & ASCE 41	sed Changes to

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Research Interest	(1) Structural Monitoring(2) Sensor Development(3) System Identification
Title of Paper	A Fast Computer Vision Method for Liquid Height Measurement of TLCDs

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Research Interest	 (1) Earthquake Engineering of Building Structures (2) Reinforced Concrete Design (3) Steel-Concrete Composite Design, and Prefabricated Structures 	
Title of Paper	Strain Based Bond Strength Model of Reinforcement in Interior Be Subjected to Cyclic Loading	am-Column Joints

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Title of Paper	Seismic Torsional Responses of an RC Low-Rise Building Moarities at Ground Story	odel Having Irregul	