

Day1(Oct.18) | Parallel Session 1

▪ Session 1-1(1. Building Engineering, sub session 1)

Moderator: Jiuk Shin(J Shin)

Invited Session Speaker: Alireza Behnejad

Time	Full Name	Affiliation	Nationality	Title
13:30 - 14:00	Prof. Alireza Behnejad	University Of Surrey	UK	The Design, Assemble And Dismantle (DAD) Project
14:00 - 14:15	Mr. Jihyung Kim	CWS Engineering	Republic of Korea	Seismic Design Method Of Basement Wall Structure Applying Pilaster-Jointed Slurry Wall System (PSS)
14:15 - 14:30	Other. Roojee Lee	CS Structural Engineering Inc	Republic of Korea	Structural schematic Design of Waterfront Residential Twin Tower
14:30 - 14:45	Mr. Jeong Mo Koo	DL E&C	Republic of Korea	Foundation Load Transfer Using Unbonded External Post-Tensioning
14:45 - 15:00	Mr. Chikamasa Okuno	KUME SEKKEI	Japan	Structural Design With Sloping Columns And Switchable Columns To Realize A Symbolic Form
15:00 - 15:15	Other. KEUMJUNG SONG	CS STRUCTURAL ENGINEERING	Republic of Korea	Structural Design Of N Company Building

▪ Session 4-1(4. PC /Prestressed Conc., sub session 1)

Moderator: Deuckhang (DK) Lee Session Chair: Deuckhang (DK) Lee

Time	Full Name	Affiliation	Nationality	Title
13:30 - 14:00	Prof. Dichuan Zhang	Nazarbayev University	Kazakhstan	Development of Seismic Design Force Reduction Factors for Precast Concrete Diaphragms
14:00 - 14:15	Ms. MINJUNG SEO	Mirae Structural Engineering	Republic of Korea	Development of rebar connection for Precast concrete beam-column joints of intermediate moment frame system
14:15 - 14:30	Ms. Suyoun Jang	Mirae Structural Engineering	Republic of Korea	A Study of Structural and Residential Performances on Vertical Joints of Precast Concrete Walls in Apartment Buildings
14:30 - 14:45	Dr. Jung Keun Oh	Arisu Engineering	Republic of Korea	Seismic Reinforcement Using Precast Concretete Block Unit
14:45 - 15:00	Mr. Gyoo-seok Seo	SUN STRUCTURAL ENGINEERING	Republic of Korea	Precision Safety Diagnosis And Reinforcement Case Due To PC Warehouse Fire
15:00 - 15:15	Mr. Xuechen Gu	Griffith University	China	Performance Of Precast Beam-Column Joints – A Numerical Comparative Study

▪ Session 7-1(7. Earthquake Engineering, sub session 1 | presented by EESK)

Moderator: Yousok Kim

Session Chair: Kihak Lee

Invited Session Speaker: Sujith Manglathu

Time	Full Name	Affiliation	Nationality	Title
13:30 - 14:00	Dr. Sujith Mangalathu	JP Morgan & Chase	USA	Analytics-Driven Models to Support the Design and Service -Life Management of Infrastructure Systems
14:00 - 14:15	Mr. Hwibin Ahn	Hanwool Structural Safety & Technology Corporation	Republic of Korea	Study On Analysis Method For The Connections In Remodeling Building
14:15 - 14:30	Dr. Sung Hyun Kim	Soongsil University	Republic of Korea	Deformation Capacity Model Of RC Walls Addressing Failure Mechanisms
14:30 - 14:45	Dr. Yoshiharu Kanebako	Kanebako Structural Engineers	Japan	Application of Vibration Control Structure to a Low-rise Building
14:45 - 15:00	Prof. Kihak Lee	Sejong University	Republic of Korea	Seismic Fragility Analysis And Evaluation Of Korean Architectural Heritage Structures
15:00 - 15:15	Prof. Sang Whan Han	Hanyang University	Republic of Korea	Ground Motion Simulation Model Considering Korean Regional Earthquake Environment
15:15 - 15:30	Prof. Jiuk Shin	Gyeongsang National University	Republic of Korea	SEISMIC AND BLAST BUILDING DAMAGE ASSESSMENT USING PHYSICS -BASED ARTIFICIAL NEURAL NETWORK MODELS

▪ Session 12-1(12. Structural Health Monitoring/Fire Protection, sub session 1)

Moderator: Donghyuk Jung

Session Chair: Donghyuk Jung

Invited Session Speaker: Zhang Qilin

Time	Full Name	Affiliation	Nationality	Title
13:30 - 14:00	Prof. Zhang Qilin	Tongji University	China	Nonlinear Structural Seismic Response Prediction Using Decision Tree
14:00 - 14:15	Dr. Hobeom SONG	CNP DONGYANG	Republic of Korea	A Case Study On Investigating Structural Performances Of A Tall Building For Structural Health Monitoring
14:15 - 14:30	Dr. Yanan Huang	Tongji University	China	Application Of Health Monitoring In The Construction Of Large-span Steel Spatial Structures
14:30 - 14:45	Mr. Eunsu Jung	Mirae Structural Engineering .co., Ltd.	Republic of Korea	Nonlinear Structural Seismic Response Prediction Using Decision Tree
14:45 - 15:00	Dr. Muhammad Usman Hanif	Korea National University Of Transportation	Pakistan	Improved technique to find the damage location in retrofitted concrete specimens using acoustic emissions
15:00 - 15:15	Mr. Jun Su Park	Yonsei University	Republic of Korea	Training A Construction Member Detection Model With Synthetic Data Sets
16:00 -	Mr. Jaeyoung Yang	Chosun University	Republic of Korea	Pipe-Rack Monitoring Using DIC Technology
16:00 -	Ms. Saima Sultana Taleb	Chosun University	Bangladesh	Structural Analysis of a Piperack Structure Using BIM Software, 'Tekla Structural Designer' for Structural Safety Inspections

▪ Special Session

Time	Full Name	Affiliation	Nationality	Title
No.1	Vidyashankar N Hoskere	SEWC(INDIA)	India	Forms and Configurations for Liquid Retention Structures
No.2	B K Raghu Prasad	SEWC(INDIA)	India	Multiscale Fracture Simulation of Concrete Beams
	H S Vishwanatha S Muralidhara			
No.3	Sanna Rathinavelu	SEWC(INDIA)	India	Imaging an Inheritable Earth: The Futures Thinking Through Literature, Architecture, Sustainability, and Power Dynamics
	R.Vikramvijz			
No.4	Vasantha Lakshmi	SEWC(INDIA)	India	Seismic Performance of Stone Masonry Temple structure by Shake Table Test
	Vijayalakshmi Akella			
	B K Raghuprasad			