

Best Paper Award Recipients

AHT

AHT_008

Animal Nests and Human Construction: Building Beyond the Human

Masaki Morihara

AHT_033

Aspects of Commercial Space in Early Rakuchu-Rakugai-Zu Folding Screens

Ziyu Jiang

AHT_013

A Study on the Lineages of Craftsmen of Traditional Architecture in Taiwan: Based on the List of Traditional Carpentry Craftsmen Qualified Monument Restorers

Szu Hsuan Huang and Shang-Chia Chiou

AHT_038

Reframing Folk House Studies Through IE-Ethics: A Case Study of the Kaga II Type in Ishikawa Prefecture

Nao Yamabe and Eiji Kumazawa

AHT_020

Historic Monument Classification in French Indochina, 1900–1940s

Chihiro Kuroiwa

AHT_056

Intervening in the Frame: Modes of Extension in Korean Timber Structure

Junseop Yoon and Seong-Lyong Ryoo

AHT_061

Revealing Neighborhoods Social-Spatial Structure Through Myths in Singapore

Rui Zhi Choy and Junko Tamura

AHT_075

From Scarcity to Possibility: Interior Norms in Norwegian Hytte Handbooks

Kaoru Iwanaga

AHT_077

Mount Emei Pilgrimage Route in Late Qing–Republican Foreign Travel Accounts

Shiyong Zhao, Sen Liang, Xin Zhao and Di Feng

AHT_089

Three Regional Types of Keo Architecture in Central and Southern Vietnam

Hideaki Hayashi

AHT_103

Evaluating BERTopic for Modern Japanese Housing Discourse: A KJ Comparison

Tao Tang and Thomas Daniell

Best Paper

Award Recipients

APD

APD_018

Spatial Characteristics of Senior Cohousing in Denmark

Junko Miyano and Natsue Doihara

APD_004

GALA-AP: Multi-Agent Hybrid RAG for Green Academic Library Programming

Tianlin Zhang, Shitao Jin and Huijun Tu

APD_032

Distributed Flood Response in a Multicultural Urban Context: Interactions Among Religious Institutions, Community Governance, and Core Housing in the 2024 Chiang Mai Flood

Mari Tanaka, Jaturong Pokharatsiri, Rikako Furuta and Nawit Oongsavangchai

APD_010

Head Rotation during Library Exploration across Spatial Configurations

Natsuho Hanawa and Yasuaki Onoda

APD_071

From Perception Metrics to Design Checks for Urban Media Facades

Ji Hyun Kim, and Won Pil Kim

APD_053

Various Types of Temporary Housing Supply and Living Conditions - Focusing on Moving House After the 2024 Noto Peninsula Earthquake -

Takumi Izawa and Haruka Tsukuda

APD_057

Containing Digital Resurrections: Automated Charnel Houses and the Spatial Anchoring of AI-Mediated Afterlife Experience

Eya Dallel

APD_026

A Typological Study on Transformations Through Renovation of Concrete Block Triangle-Roof Houses in Hokkaido

Kyohei Kudo and Nobuhiro Hasegawa

APD_092

Space-Energy Modules: A Framework for Vernacular Housing Renewal in Hebei

Nan Yu, *Shanchao Xin and Rui Ren

APD_100

A Study on the Generational Evolutionary Characteristics of Topological Operations in Contemporary Architecture - Focused on the Form-Generating Process of Rem Koolhaas, Shohei Shigematsu, and Bjarke Ingels Group (BIG)-

Dougyung Kim and Taejong Jeong

APD_106

Optimal Design of Campus Third Space Based on Affordance

Yini Wang and Kai Liu

APD_115

Architecture as an Updateable Public Platform in the Age of AI

Shigeki Maeda

Best Paper Award Recipients

SE

SE_001

Evaluation of Load-Sharing for NLT (Nail-Laminated Timber) With Butt Joint Based on Experimental and Statistical Analysis

Natsumi Suzuki, Shiro Nakajima and Naoki Otani

SE_019

Experimental Study on Structural Capacity Evaluation of Reinforced Concrete Beam Column Joint Based on High-Spatial Resolution Measurement

Masayoshi Yamane, Quan Chunri and Tatsuya Asai

SE_016

Neural-Network Evaluation of Floor Rotation Effects on Unanchored Liquid Storage Tanks in High-Rise Bending?Shear Structures

Jianhui Zhan, Weiguang Chen and Linfei Hao

SE_031

Evaluation of Seismic Design Parameters for Concrete Columns With GFRP Reinforcement

Se-Kyoung Oh, Hyeon-Jong Hwang and Hong-Gun Park

SE_035

Explainable Surrogate Analysis of Metallic Damper Validation Discrepancy

Anna Camille Sanchez and Dong-Keon Kim

SE_045

Performance-Based Structural Fire Design of a Long-Span Steel Truss

Hyuk Kim, Do Jin Jung, Myeong Hoo Jeong, Chang-Hwan Lee and Min Jae Park

SE_058

Simplified Modeling Strategy for Seismic Performance Assessment of Existing Pilotis RC Buildings

Minhee Kim and Chulgoo Kim

Best Paper Award Recipients

UPD

UPD_003 Evaluating the Plan Integration for Urban Resilience and Identifying Its Key Driving Factors: Evidence From a Century of Planning Practice in Changchun, China Wenlong Xie and Hong Jiang
UPD_022 Diagnosing Walking Resistance in Age-Friendly Seoul With GeoAI Jiaxian Ji and Seung Hyun Cha
UPD_016 Settlement Space Shaped by Adaptation to Coastal Topography -a Case Study of Takenohama, Japan Ryo Nawata and Kazumi Kudoh
UPD_032 Adaptive Reuse Under Welfare Regulations: Child-Elderly Integrated Facilities in Small Japanese Cities Xiyue Zheng and Sayaka Fujii
UPD_036 Bottom-Up Regeneration of an HDB Void Deck: Holland Village Little Library Yi Ren and Junko Tamura
UPD_045 GIS-Based Prioritisation of Rooftop Retrofit in an Ageing Urban Area Simra Sultana, Amarpreet Singh Arora, Birte Meller and Thorsten Schuetze
UPD_061 Proximity as a Framework for Evaluating Urban Regeneration: Spatial Configuration and Social Interaction in Tokyo’s Special Districts for Urban Renaissance Takaya Hyogo and Yoshiyuki Kawazoe
UPD_063 Renovation Process of Historic Urban Cluster in Kawara-Machi, Kumamoto City Ilji Cheong, Daisuke Matsui, Yuri Kiguchi and Yukari Abe
UPD_075 Public Rental Housing: Resident Heterogeneity and Housing Pathways in Korea Huiwon Byun and Jooseok Oh
UPD_088 Transformation Pathways of Former LULU Sites in Seoul Since the 1960s : The Gap Between Planned and Realized Land Use Soobin Kim and Jin Baek
UPD_100 Decision-Making in Snow-Removal Practices of Hida City, Japan Aya Numaguchi and Akihiko Ohno
UPD_102 Fighting or Adapting? Water-Adaptive Evolution of Street Network Morphology in Historic Water-Rich Settlements of the Yellow River Floodplain Zhe Liu, Yining Zhang, Qingzhe Zhang and Shanghong Ai

Best Paper Award Recipients

ET

ET_006

Comparative Analysis of Spatial Identification Methods for District Energy Systems: A Case Study of Tokyo, Japan

Jiyeon Chung, Keiko Inagaki, Satoshi Yoshida and Shinya Taneichi

ET_020

Comparative Sensitivity Analysis of Room Air Temperature Effects on Battery Energy Storage System (BESS) Performance and Lifetime: A Literature Review

†Firdaus F.P., Setyo M.Z.G. and Rijal H.B.

ET_012

Geometry-Aware Stacked Boosting for Transferable NZEB Energy Prediction

Maqbul Kamaruddin, Jurng-Jae Yee

ET_032

Feasibility Assessment of Peak Shaving in Data Center Operation Across Regions Using Energy Storage Systems by Analyzing Electricity Prices and Its Duration ? A Literature Review

Setyo M.Z.G. and Hom H.B.

ET_038

Urban Heat Island Responses to Forest Fires: Climate Adaptation Insights

Erekso Hadiwijoyo and Hom Bahadur Rijal

ET_054

Effects of Insulation and Interior Shading on Cooling Load Across Climates

Seonghwan Han, Nagyeong Kim, Hanh Lien Phan, Xuan Hieu Luong and Haksung Lee

ET_057

Evaluation of the PHI Overheating Criterion Under Korean Summer Conditions

Nagyeong Kim, Seonghwan Han and Haksung Lee

ET_070

Acoustic Implications of Classroom Ventilation and Cooling Strategies for Speech Intelligibility: A Room-Acoustic Simulation Study

Yilin Wang, Nazli Bin Che Din and Ziad Baydoun

ET_084

Envelope Performance of a Traditional Building: A Simulation-Based Study

Amira El Kchaou, Xianzhe Yang, Rami Derbel, Faten Hussein, Hirokazu Suemitsu, Kaoru Suehiro and Akihito Ozaki

Best Paper Award Recipients

MC · IT · CEM · BM

MC

MC_024

An LLM-Based AI Agent for Automated Building Energy Simulation and Multi Objective Calibration of Radiant Floor Heating Systems

Xiguan Liang and Doosam Song

MC_010

Process Windows for Binder-Jetted Calcium Aluminate Cement Under Mild Curing Conditions

Sungeun Cho, Taiyan Piao, Seonghoon Jeong, Seongmin Cho and Sungchul Bae

MC_017

Development of a Disaster-Resilient Model Based on Local Disaster Knowledge

Chiho Ochiai, Keiichi Watanabe and Takafumi Misumi

IT

IT_002

AI-Assisted Semantic Wind Comfort in WebXR for Participatory Design

Heegun Chong, Seongho Ha, Yeeun Kim and SungAH Kim

IT_014

Shared Presence Field: A Geometric Reading of Collective Form

Meng Sun and Masahiro Kinoshita

CEM

CEM_008

Quantifying Accident Experience by Trade for Workers' Compensation Review

Se-Yun Jeong and June-Seong Yi

BM

BM_004

Multiscale Deformation of Carbonated Pastes From Partially Calcined Mg(OH)₂

Seonghoon Jeong, Sungeun Cho, Seongmin Cho, Taiyan Piao and Sungchul Bae

BM_013

Accelerated Carbonation and High-Quality Aggregate Recovery From Waste Concrete by Dripping Method

Yuri Matsuoka, Tianlong Zheng, Zhijian Li, Dayoung Oh and Ryoma Kitagaki

BM_021

Chemical Activation of Wollastonite-Based Low-Calcium Carbonatable Binder (LCCB) Composites Through Water Content Regulation

Seongmin Cho, Seonghoon Jeong, Taiyan Piao, Sungeun Cho and Sungchul Bae

Best Paper

Award Recipients

PO

PO_008

Rethinking the Standardized Plan as Housing in Modern Colonial Dalian

Yilang Xiang

PO_046

Current Conditions of Extended Spaces and Residents' Evaluations in a Community-Initiated Relocation Project by Informal Settler Families: Case Study of Ernestville HOA in Metropolitan Manila

Momona Fujiwara and Rei Shiraishi

PO_075

Changes in Townscape-Improved Historic Buildings in Hirafuku, Sayo, Hyogo

Sota Fueda, Kazuya Matsumoto and Akane Mizushima

PO_090

Damage Assessment of Reinforced Concrete Columns Affected by Fire Damage from Air Raids

Maho Chokai, Taku Koyama, Hidenobu Tokushige, and Mitsuo Ozawa

PO_097

Effect of Pile Foundations on the Lateral Load-Carrying Capacity of a Ten-Story Reinforced Concrete Building

Souichirou Kubo, Hayato Takeda, Tomofusa Akita

PO_110

Effects of Diffuser Configuration on Thermal Environment with Radiant Floor Cooling System

Joosung Choi, Jaewon Jang, Kyunghwan Yoon, Kyu-Nam Rhee

PO_134

Optimal Design of a Passive Thermal Management System for Photovoltaic Modules

Jihwan Park, Junhoe Kim, Juhyuk Hong, Young Jik Youn
