

Day 4: 5/21/2026 (Th)

Session 7 11:00 - 12:30

7-1 Sponsored session by LG: Thermal Comfort

Location: SGM 101 / Session chair: Moon Keun Kim

Paper Number	Author	Title
329 *	[Sponsor Team: LG] Jae-Hee Lee, Peter Schild, Moon Keun Kim, Saikée Oh, Sanghun Lee, Donghan Kim, Beomsoo Seo, Eunjun Cho and Trygve Eikevik	Field Evaluation of Multiple R290 Air-to-Water Heat Pumps in Cascade Operation Adapted to Nordic Climates
29	Kertu Kund, Raimo Simson, Alo Mikola, Kátriin Onemar and Jarek Kurnitski	Analysis of Circuit Connections and Control Strategies for Residential Air-to-Water Heat Pump Systems
64	Lorenzo Croci, Francesco D'Oria and Maria Francesca Talamo	Hybrid Heat Pump: Enabling Efficient Decarbonization of Existing Buildings
297	Sangmin Lee and Hyunwoo Lim	Optimal Load Shift Control Strategy for CHPWH system Based on Load Separation Method
335	Yujin Lee and Dae Uk Shin	System configuration and control process of a combined convective cooling and radiant floor heating system
504	Won-Jong Choi, Jae-Won Jeong and Min-Hwi Kim	Operational optimization of fifth-generation district heating and cooling systems with thermal energy storage for energy autonomy

7-2 Indoor Air Quality

Location: SGM 123 / Session chair: Lexuan Zhong

Paper Number	Author	Title
201	Karl-Villem Võsa, Martin Kiil, Raimo Simson, Alo Mikola and Jarek Kurnitski	Evaluating perceived stuffy air complaints through tracer gas experiments in a modern educational building in Estonia
215	Wenhao Chen, David Moore, Rosemary Castorina, McKenna Thompson, Kyle Peerless and Kazukiyo Kumagai	Comparison of Field Approaches for Characterizing Classroom Ventilation Rates (VRs) and Equivalent VRs for PM2.5 – A Case Analysis
347	Jurgis Zemitis, Marta Zemite, Arturs Palcikovskis, Heidi Salonen and Linda Mezule	Assessment of Microbial Growth in Ventilation Ducts of a Recently Renovated University Building
402	Aysha Siddika and Aysegul Demir Dilsiz	Linking Global IAQ and Thermal Comfort Trends in Educational Spaces to LEED and AASHE STARS Ratings
513	Yi Fang, Haoran Zhao, Tim Tyner, Stephanie M. Holm, Brett C. Singer, Marion L. Russell, Anabelle Garza, Arlette Garcia-Ramirez, Briseida Vasquez, Debra Manzo Garcia, Jesus Rivera, John R. Balmes and Amy Dryden	Measured Indoor Nitrogen Oxides in Homes with a Child with Asthma and Gas or Induction Electric Cooking

7-3 Energy Efficiency, Conservation, Renewable Energy, and Embodied Carbon

Location: SGM 124 / Session Chair: Weibing Gong

Paper Number	Author	Title
195	Alex Nwosu and James Hunter	"Standard Retrofit First: Scalable Energy Efficiency Strategies for Legacy Row Homes"
203	Yi-Ting Lai and Yaw-Shyan Tsay	Embodied Carbon Benchmarks for Residential Buildings in Taiwan
293	Muhammad Asim, Muhammad Furqan Siddiqui and Farooq Riaz Siddiqui	Retrofit Pathways for HVAC Decarbonization: A sustainable solution for harnessing ultra-low-grade waste heat for energy efficiency and net-zero buildings
389	Fatemeh Yazdandoust, Siddhartha Sen and Kamalesh Panthi	Energy Efficiency Solutions for Baltimore Housing
394	Mohammad Hamdan, Hamed Moradi, Paria Saadatjoo and Parham Mirzaei	Microclimate Building Energy Retrofitting: Assessing Urban Morphology Impacts on Cooling Demand and Carbon Emissions
446	Min-Gyu Shin, Hye-Jin Kim, Soo-Hwan Park and Dong-Hyun Seo	Development of Detailed EUI Benchmarks for South Korea's Residential Building Stock

7-4 Building Technology and Performance

Location: GFS 116 / Session Chair: Brett Singer

Paper Number	Author	Title
83	Tatsuya Miyata, Tatsu Kishida, Hiroki Ikeda, Yasuaki Kaneko, Shohei Miyata and Yasunori Akashi	Development of a High-Resolution Dynamic Emulator for a Chiller Plant and Its Application to Control Improvement
84	Myeongwon Chae, You-Jeong Kim and Yun Kyu Yi	Correlation Analysis Between AC Runtime Characteristics and Dehumidification Performance Using Smart Thermostat Data
95	Flavia Barone, Loubna Ait Lahsen, Myriam Bahrar and Mohamed El Mankibi	Hybrid control strategies for energy efficiency, thermal comfort and indoor air quality in residential compact HVAC–DHW systems
254	Joud Al Dakheel, Mohamed El Mankibi, Myriam Bahrar and Nassim Sebaibi	Mind the Gap: Experimental Analysis of Mechanical Ventilation Under Variable and Fault Scenarios
461	Darwish Darwazeh, Narges Zaeri and Farzeen Rizvi	Operational Control and Air Mixing Fault Detection and Diagnostics in Rooftop Units
490	Haruka Kitagawa, Takuji Nakamura, Ko Shigemori, Sei Ito and Daisuke Sumiyoshi	Optimum Operation of a Heat Source System considering Bidirectional Heat Interchange among Multiple Buildings

7-5 Health, Wellbeing, and Human Behaviors in the Built Environment

Location: GFS 101 / Session Chair: Yumna Kurdi

Paper Number	Author	Title
162	Shaymaa Al Marzouqi, Dongwoo Jason Yeom, Kamil Kaloush and Elham Fini	Daylight Timing and Natural Scent on Cognitive Performance in Office Settings without Outdoor View
397	Shundong Li and Nan Ma	Large Language Models for Investigating Co-Occurrences in Multi-Domain Indoor Environmental Quality
412	Hernan Rosas, Ming Hu and Edward Bernat	Advancing Pathways To Occupant Mental Wellbeing: Mapping Attention Restoration and Stress Reduction in Biophilic Design to a Validated Mental Health Framework
413	Andrew Cook and Yumna Kurdi	Applying Technology to Learning: Visualizing Environmental Data Through Augmented Reality
526	Jinmog Han and Yunjeong Mo	A design-oriented framework for smart home energy management system interfaces to support energy-saving occupant behavior

7-6 Smart Cities and Green Infrastructure

Location: GFS 207 / Session chair: Julian Wang

Paper Number	Author	Title
209	Dahyun Oh and Soowon Chang	Transportation Infrastructure Innovation through Optimal Solar PV Deployment Planning in DOT Facilities and Right-of-Way using a Geographic Information System-based Multi-Criteria Decision Making
388	Vimal Preet, Dr. P.S. Chani and Dr. Sandeep Agarwal	The Role of Urban Form and Green Cover in Residential Energy Consumption: A Pilot Study of Sector 22, Chandigarh
460	Cosimo Damiano Carpentiere, Riccardo Carnevale and Umberto Berardi	Enhancing Transparency and Sustainability in Urban Ventilation Systems through Blockchain, IoT, and AI: Case Studies from Seoul, Tokyo, Beijing, Dubai, São Paulo, and Sydney
470	Hayoung Kim and Soowon Chang	Integrated Building-Grid Modeling: A Co-Simulation Framework for Dynamic Reliability Assessment
505	Chenshun Chen, Mohammad Elmi and Julian Wang	Glazing Façade Design for Energy-Efficient Buildings, Improved Thermal Comfort and UHI Mitigation in Dense Urban Center
653	Xindan Kang, Karen M. Kensek, John Wilson, Joon-Ho Choi	Tree Shading, Solar Radiation, and GIS-Examining the effect of tree shading on sidewalk heat reduction

7-7 Indoor Air Quality

Location: GFS 118 / Session chair: Insung Kang

Paper Number	Author	Title
190	Loubna Ait Lahsen, Flavia Barone, Myriam Bahrar and Mohamed El Mankibi	In-situ assessment of a multifunctional compact system (MCS) in a low energy residential test facility: A comparative study
309	Jeong-Min Oh, Ju-Hyun Lee, Seheon Kim and Jae-Weon Jeong	Application of Hollow Fiber Membrane Humidifier in Residential EHP Systems for Indoor Air Quality in Winter
398	Sudharshan Anandan, Andres Barrio-Zhang, Akshay Deolia, Tyler Hughes, Sohun Sodhi, Jae Hong Park, Ryan Wagner, Arezoo Ardekani and David Warsinger	Acoustically assisted fibrous filtration for enhanced particle capture
404	Semi Park and Insung Kang	Low- and no-cost ventilation strategies to reduce indoor cooking emissions: a case study of natural ventilation, window fans and kitchen hoods
555	Wanyu Rengie Chan, Marion Russell, Jiayu Li and Pradeep Prathibha	Measurements of Volatile Organic Compounds and Polycyclic Aromatic Hydrocarbons in 10 Commercial Kitchens

Session 8

1:30 - 3:00

8-1 Indoor Air Quality

Location: SGM 123 / Session chair: Rahman Azari

Paper Number	Author	Title
117	Kazuyo Tsuzuki and Yuki Nabeshima	Effects of humidity on skin temperature and sleep variables of young men during sleeping period
206	Rosemary Castorina, Karla Vargas, Flavia Wong, Zhong-Min Wang, Aditya Simha, Elizabeth Noth, Asa Bradman and Kazukiyo Kumagai	Residential Volatile Organic Compounds (VOC) Measurements in the San Joaquin Valley: Findings from the SPHERE Study
207	Hemakshat Sharma, Rosemary Castorina, Charles Perrino, Tanmayi Amanchi, Kazukiyo Kumagai, Asa Bradman and Elizabeth Noth	Stockton school-aged children's exposures to polycyclic aromatic hydrocarbons (PAHs)
367	Dong Kyu Lee, Ji Hyeok Son, Sukumar Nartarjan and Woong June Chung	Analysis of the correlation between particulate matter and microplastics according to particle size
495	Shuo-Hsuan Chang, Yuto Morishita, Ji Yoon Bae, Dorit Aviv, William Braham and Jihun Kim	CALM (Clay-based Air-treating Living wall Module): Passive Cooling and VOC Removal

8-2 Energy Efficiency, Conservation, Renewable Energy, and Embodied Carbon

Location: SGM 124 / Session chair: Takao Katsura

Paper Number	Author	Title
39	Kiho Tanaka, Makiko Ukai and Sihwan Lee	Performance evaluation of an office-integrated cultivation room utilizing human-emitted CO ₂ for sustainable building-integrated agriculture
92	Arianna Peduzzi, Roberta Jacoby Cureau, Claudia Fabiani, Adriana Ciardiello, Maria Francesca Talamo, Veronica Lucia Castaldo and Anna Laura Pisello	Passive energy retrofit strategies for historic buildings: A systematic review of innovative and non-invasive solutions
189	Zahra Salehi	Agrivoltaics as a Renewable Energy and Green Infrastructure Strategy for Enhancing Thermal Comfort, Energy Efficiency, and Climate Resilience
508	Xu Liu and Julian Wang	Spectral-Selective Glazing Strategies for Energy-Efficient and Adaptive Building Envelopes
517	Takao Katsura, Erkki Hirvonen, Kanato Kimura, Takaharu Matsui, Kentaro Sekine, Kazuyoshi Harimoto, Miyuki Watanabe and Katsunori Nagano	Improvement of thermal insulation performance of transparent vacuum insulation panels and in-situ performance test
544	Mohammad Elmi, Siddharth Jayakrishnan Jayakrishnan, Adam Muhammad and Julian Wang	An Experimental Analysis of Photothermal Nanocoatings for Greenhouse Energy Efficiency

8-3 Building Technology and Performance

Location: SGM 101 / Session chair: Xiang (Jason) Zhang

Paper Number	Author	Title
122	Xue Cui, Minhyun Lee, Xuange Zhang, Mohammad Nyme Uddin and Junjiang Luo	Time-series forecasting of indoor temperature: Toward sensor-free occupant-centric HVAC control
179	Jincheng Dai, Ryoza Ooka, Chao Lin, Ken Takahashi and Shintaro Ikeda	Developing a surrogate RC Model for Optimal HVAC Control Applications in Modelica-Based Building Digital Twin
205	Eunwan Kim, Jeonghoon Choi and Dongjun Suh	Camera-Only Unsupervised Visual Anomaly Detection for IEQ-Oriented Building Operations
278	Mahdi Bonyani, Maryam Soleymani and Chao Wang	A Physics-Informed Modeling of Data Center Cooling and Self-Supervised Learning-Based Autoencoder for Fault Detection and Diagnosis
518	Yihui Li, Zhexuan Yu, Jun Xiao, Hao Zhou and Borong Lin	Physics-Embedded Transfer Learning Graph Neural Network for Building Energy Prediction
573	Ana Graça and Xiang Zhang	Early-stage shading design evaluation for buildings: A workflow accessing energy performance on AI-generated 3D geometry

8-4 Health, Wellbeing, and Human Behaviors in the Built Environment

Location: GFS 207 / Session chair: Josephine Lau

Paper Number	Author	Title
287	Zhao Dong, Jian Ge, Jiaqi Wang, Kang Zhao and Isabelle Y.S. Chan	The impact of tangible and intangible factors on occupants' satisfaction with the indoor environment: A machine learning-driven analysis
316	Jongwon Lee	Does Building Retrofit Program for Low-Income Households Really Create Healthy Homes?
450	Xianzhun Zhong, Yongxin Xie and Jianlei Niu	Calibration of the sweating function in a multi-node thermoregulation model based on chamber experiment
474	Shaofang Xu, Giovanni Calzolari, Jilong Wang, Jianlin Ren, Fei Liu, Bin Lu, Qiang Li, Wei Liu, Junjie Liu and Tengfei Zhang	Efficient reconstruction of the atmospheric boundary layer in spatially constrained wind tunnels
524	Sreelakshmi Kavuthimadathil and Satish Bk	Towards Adaptive, human-centric lighting: Limitations of Subjective Measures and a multimodal framework
652	Xindan Kang, Karen M. Kensek, John Wilson, Joon-Ho Choi	Tree Shading, Solar Radiation, and GIS-Examining the effect of tree shading on sidewalk heat reduction

8-5 Generative AI in Sustainable Built Environment

Location: GFS 101 / Session chair: Mojtaba Parsaee

Paper Number	Author	Title
102	Fariza Sabit, Christian Rodriguez, Eric Ravussin and Dolaana Khovalyg	Modeling the circadian dynamics of resting energy expenditure for the built environment
114	Mojtaba Parsaee, Tarlan Abazari and Soroush Samareh Abolhassani	Towards AI-driven Digital Twins and Cyber-Physical-Social Systems for Circular Disaster Management: Developing A Multi-Agent Debris Life Cycle Simulation Framework
184	Carlos Faubel, Derian Mowen, Marjan Miri, Ursula Demarquet Alban, Antonio Martinez-Molina and Miltiadis Alamaniotis	Fusing visual and sensor data with multimodal transformers for indoor environmental quality assessment in educational settings
368	Yasaman Norouzi and Manish Kumar Dixit	Forecasting the U.S. Residential Renewable Electricity Mix: A Time-Series Approach for 50-Year Building GWP Projections (1949–2080)
485	Xinyue Zhang and Weirong Zhang	Augmentation Framework for HVAC Fault Diagnosis Based on Denoising Diffusion Models
503	Wooyoung Jung and Namgyun Kim	Multi-Agent AI Learning Assistant for Human Building Interaction: System Architecture and Preliminary Performance

8-6 Indoor Air Quality

Location: GFS 118 / Session chair: Trond Thorgeir Harsem

Paper Number	Author	Title
116	Emmanuel Aghimien, Ajla Aksamija and Timothy Adekunle	Indoor Environmental Quality in a Mid-Century Research Laboratory Building
147	Youngbo Won, Wenhao Chen, Zhong-Min Wang, Jeff Wagner and Kazukiyo Kumagai	How Ventilation and Air Cleaning Strategies Affect Classroom PM _{2.5} and CO ₂ under Normal and Wildfire Conditions? – A CONTAM Simulation Study
158	Shikang Wen and Qingyan Chen	Field investigation of the impact of different terminal devices on thermal comfort and ventilation uniformity
353	Trond Thorgeir Harsem, Bente Hellum, Haakon Flaarønning, Marie Heistad and Mina Andrea Torvanger	Influence of Surgical Staff Movement on Airborne Particle Concentrations in Operating Rooms with Laminar and Mixing Ventilation
417	Hassan Kotb Ali, Yunus Emre Cetin and Martin Kriegel	Air Curtain Intervention to Reduce Air Exchange Between Operating Rooms and Anterooms

8-7 Panel Discussion

Location: GFS 116 / Session Chair: Dolaana Khovalyg

Paper Number	Author	Title
596	Dolaana Khovalyg, Minyoung Kwon, Matteo Bilardo, Cristina Piselli	Personalized Environmental Control Systems (PECS): Multi-Dimensional Trade-Offs in New and Existing Buildings

Session 9
3:30 - 5:00

9-1 Indoor Air Quality

Location: SGM 123 / Session chair: Ali Alexander Nour Eddine

Paper Number	Author	Title
12	Abdollah Baghaei Daemei, Zhenan Feng and Daniel Paes	Assessing the Effectiveness of Game-Based Learning Versus Video-Based Learning for Mold Prevention Education
32	Zohreh Kiani, Kátia Cordeiro Mendonça, Ali Alexander Nour Eddine and Marc Abadie	Does numerical simulation reproduce reality? A comparative assessment of indoor environmental quality in multifamily buildings
240	Soo-min Jeong, Bon Seo and Su-Gwang Jeong	Controlled sustained release of natural volatile organic compounds from phytoncide emulsion-zeolite composites via surfactant hydrophilic-lipophilic balance adjustment
370	Divine Agbobli, Yunjeong Mo and Cristina Poleacovschi	A Review of the Factors Influencing Adoption and Abandonment of Indoor Air Quality Improvement Strategies
425	Mina Lesan, Avijit Sarker, Saeid Chahardoli, Yi Xiao and Arup Bhattacharya	Adaptive Placement of Portable Air Cleaners under Changing Contaminant Sources
453	Kumar Naddunuri and Shankha Pratim Bhattacharya	Assessing the energy saving potential of personalized ventilation system

9-2 Energy Efficiency, Conservation, Renewable Energy, and Embodied Carbon

Location: SGM 124 / Session chair: Max Ruffo

Paper Number	Author	Title
231	Francesca Vecchi, Simona Semeraro, Roberto Stasi and Umberto Berardi	Modelling the Adoption of Renewable Energy Communities in Urban Districts: An Agent-Based Approach
238	Bon Seo, Soo-min Jeong and Su-Gwang Jeong	Analysis of determinants of building energy use in Seoul through clustering and regression, and proposal of tailored energy policies
289	Hisato Osawa and Taro Mori	Development of a WebGIS for Visualizing Building Energy Consumption and Renewable Energy Potential: Automated Generation of 3D Building Models Using GIS Data
357	Max Ruffo	Why Energy per Person Is the Metric the Future Demands
486	Zhiyan Jin and Weirong Zhang	System Performances Comparative Analysis of PV-Battery Systems for Rural Buildings Between Electrochemical and Mathematical Aging Battery Models
512	Nida Batool Sheikh, Muhammad Mashhood Arif, Jelle Laverge and Marc Delghust	Residential Energy and Transport Coupling for Neighbourhood Decarbonization in Transit-Oriented Development

9-3 Building Technology and Performance

Location: SGM 101 / Session Chair: Vimal Preet

Paper Number	Author	Title
80	Xianzhe Yang, Akihito Ozaki, Seonghwan Yoon, Sung-Jun Yoo, Younhee Choi and Yusuke Arima	Thermal environment prediction in a large open office space with complex air-conditioning system using dynamic coupled BES-CFD
167	Ayane Fujiwara, Hideki Tanaka, Shusaku Mizuta, Terutake Furuta and Fumiharu Oba	Operational Performance of a Small-Scale NZEB Office and Effective Utilization of Photovoltaic Surplus Power on Non-Business Days using Base Air-Conditioning
386	Chengbo Du, Bess Krietemeyer, Bing Dong, Nina Wilson, Peng Gao, Tong Lin and Jianshun Zhang	Green Design Studio: A Modular Interface for Multi-Scale Building Performance Simulation in Architectural Practice
410	Jun-Sub Kim, Seong Woo Park, Jeong Won Kim and Hyeun Jun Moon	Building Genome Analysis for Integrated Indoor Environmental Quality and Energy Performance in a Commercial Building
420	Lindsay Li Chen Hu, Sicheng Zhan and Leslie Keith Norford	Towards cost-effective energy savings: Learnings from non-invasive occupant-centric control implementation in an office building
654	Xuewen Quan, Karen M. Kensek, Sathyanaraya Raghavachary, Haonan Wang	Toward AI in AECO: Integrating BIM Facility Data with an LLM-RAG Framework

9-4 Climate Change Adaptation, Resilience, and Environmental Policy

Location: GFS 207 / Session Chair: Wanyu Rengie Chan

Paper Number	Author	Title
208	Quang Van Tran, Farzad Hashemi, Parisa Najafian and Esteban Ochoa Lopez	Roof Retrofit Scenarios for Thermally Vulnerable Homes: A CFD-Based Evaluation of Indoor Comfort and Air Quality in San Antonio, Texas
264	Mana Nemati Aghdam and Manish Dixit	Integrated LCA and Energy Simulation for Envelope Decisions: Climate-Dependent Results
266	Mohamed Dardir, Jeffrey Wilson and Umberto Berardi	Natural Infrastructure for Health and Environmental Risk Mitigation
372	Maryam Meshkinkiya and Farzad Hashemi	Beyond Numerical Features: Mixed-Type Clustering of Urban Building Archetypes Using Hierarchical and K-prototypes Methods
414	Maryam Abbasi Kamazani and Manish K. Dixit	AI-driven and simulation-based multi-objective building envelope optimization: strengths, limitations, and gaps

9-5 Visual (Lighting and Daylighting) Quality and Accoustic Quality

Location: GFS 107 / Session chair: Azadeh Sawyer

Paper Number	Author	Title
152	Haerin Yang, Minwoo Kim and Jeehwan Lee	A Multi-Layered Daylighting Assessment of LEED Certified Buildings
172	Bahereh Vojdani, Deok-Oh Woo and Andressa Martinez	Assessing Architect-Friendly Daylighting Feedback from LLaMA: A Zero- and Few-Shot Evaluation of an LLM Approach
255	Dongwoo Lee, Manal Anis, Donghyeok Choi, Hyungsub Kim and Yun Kyu Yi	Developing an Outdoor View Evaluation Method for Complex Shading Systems
409	Won Hee Ko, Luis Santos, Michael Kent, Hanwook Kim and Nehal Nagarjun	How View Content Influences Minimum Window Size: Evidence from Virtual Reality Experiments
531	Niloofer Nikookar and Azadeh O. Sawyer	An AI-Driven Affective Lighting System for Stress Reduction and Satisfaction in Office Environments.

9-6 Indoor Air Quality

Location: GFS 101 / Session chair: Michael Sohn

Paper Number	Author	Title
34	Jing Wu, Dahai Qi and Lexuan Zhong	Wildfire Smoke Alters Particle Size Distributions Indoors and Outdoors in an Urban Office Building
319	Michael Sohn, Ruoyu Lan, Marion Russell and David Lorenzetti	Ventilation and Filtration Tradeoffs for Increasing Building Protection from Outdoor Aerosols

514	Yi Fang, Haoran Zhao, Tim Tyner, Stephanie M. Holm, Brett C. Singer, Anabelle Garza, Arlette Garcia-Ramirez, Briseida Vasquez, Debra Manzo Garcia, Jesus Rivera, John R. Balmes and Amy Dryden	Range Hood Use and Effectiveness in Reducing Indoor Air Pollution During Gas and Induction Cooking
516	Mingyao Yao and Chenchen Shi	Health Implications of Air Pollution in Metro Stations in China
580	Elham Hasani Alavy, Mahsa Khanpoor Siahdarka, Zahra Qavidelfardi and Faeghe Rahnama	Lessons from the Post Occupancy Evaluation of the Indoor Learning Environments: A Review

9-7 Energy Efficiency, Conservation, Renewable Energy, and Embodied Carbon

Location: GFS 118 / Session Chair: Zoubir Zineb

Paper Number	Author	Title
38	Alya Penta Agharid, Indra Permana, Fujen Wang and Chu-Cheng Wei	Energy Audit and Modeling for a Bank Management Office under Hot-Humid Climate
196	Mohamed Oualid Mghazli, Zoubir Zineb, Walid Maioute and Najat Oualine	A Comparative Building Energy Management System: Two Different Climatic Conditions, France and Morocco
218	Hyun-A Ko and Jong-Won Lee	Building Energy Performance Evaluation of Public Institutions Using the Korean Green Button System
288	Kentaro Suga and Ryoza Ooka	A Study on the Comfort and Energy Effectiveness of Passive Design Method - Case Studies using Detached House Model
582	Dongwoo Kim, Tae Kon Kim, Seung Hoon Choi, Dageyong Jeong, Kwangho Lee, Min Hwi Kim and Deuk Won Kim	Development and Performance Evaluation of a Thermal Energy Prosumer System Using EnergyPlus-Based Simulation During the Cooling

9-8 Special session: Elsevier

Location: GFS 116

Paper Number	Speaker	Title
N/A	TBD	TBD