

THE 25TH ASIA SIMULATION CONFERENCE

Conference Program.



전체 프로그램 · October 29–31, 2026

Ara Convention Hall, Jeju National University
제주대학교 아라컨벤션홀 · 대한민국 제주

74 International papers **22** Technical sessions **04** Parallel tracks

Three days at a glance

전체 일정 한눈에 보기

29 OCTOBER THURSDAY 37 international papers 08:30 Registration / 등록 09:30–10:50 Opening & leadership addresses / 개회·축사 11:10–12:30 Technical sessions B1 12:30–14:00 Lunch / 중식 14:00–15:20 Technical sessions B2 15:40–17:00 Technical sessions B3 18:00 onward Welcome reception / 환영 리셉션 Day 1 details → p. 2	30 OCTOBER FRIDAY 37 international papers 09:00–10:00 Keynote · Prof. Tag Gon Kim 10:20–11:40 Technical sessions B4 12:00–14:00 Lunch & KSS general meeting 14:00–15:20 Technical sessions B5 15:40–17:00 Technical sessions B6 18:30–20:30 Banquet & Best Paper Award Day 2 details → p. 8	31 OCTOBER SATURDAY Domestic sessions & federation 09:00–10:30 Domestic paper session A-1 09:00–12:20 Federation Leadership Meeting¹ 10:30–10:50 Coffee break / 휴식 10:50–12:20 Domestic paper session A-2 12:20–12:40 Closing & presentation awards 12:40 onward Federation luncheon Day 3 details → p. 15
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¹ By invitation only. The meeting pauses for the 10:30–10:50 coffee break. Domestic paper titles and authors will be announced.

D **Grand Conference Hall**
대회의실 · 0101 · 130 seats

B **Seminar Room I**
세미나실 I · 0103 · 16 seats

A **Seminar Room III**
세미나실 III · 0105 · 40 seats

C **Seminar Room II**
세미나실 II · 0104 · 24 seats

Using this guide

Times are local to Jeju (KST, UTC+9). Each paper lists all authors in the order given in the final session-assignment workbook. Paper numbers are EasyChair submission IDs. Session chairs, domestic paper details and the reception venue are to be announced. The program remains subject to change.

Latest program: asiasim2026.org/program/

DAY 01 · 10월 29일 목요일

Thursday, 29 October

2026

37 international papers · 11 technical sessions · B1 / B2 / B3

Parallel sessions

발표장별 세션

BLOCK	TRACK D Grand Conference Hall	TRACK A Seminar Room III	TRACK B Seminar Room I	TRACK C Seminar Room II
B1 11:10 –12:30	B1-D Model-Based Systems Engineering & Formal Verification 11:10–12:30 4 papers	B1-A Simulation Methodology, Reproducibility & Training 11:10–12:25 3 papers	No session 배정 없음	B1-C Control Systems & Dynamic Modeling 11:10–12:25 3 papers
B2 14:00 –15:20	B2-D Digital Twin: Construction & Representation 14:00–15:15 3 papers	B2-A Manufacturing Scheduling & Optimization 14:00–15:20 4 papers	B2-B Privacy-Preserving Technologies & Blockchain 14:00–15:15 3 papers	B2-C Numerical Modeling, Materials & Measurement 14:00–15:20 4 papers
B3 15:40 –17:00	B3-D LLM-Driven Simulation Modeling 15:40–17:00 4 papers	B3-A UAV & Autonomous Systems 15:40–16:55 3 papers	B3-B Urban Mobility & Traffic Simulation 15:40–16:55 3 papers	B3-C Computer Vision for Industrial Inspection 15:40–16:55 3 papers

Across the day

주요 행사 및 휴식

08:30–09:20	Registration Lobby
09:30–09:50	Opening Ceremony Grand Conference Hall
09:50–10:50	Leadership Addresses Grand Conference Hall
10:50–11:10	Coffee Break & Group Photo Lobby & outdoor deck
12:30–14:00	Lunch Campus restaurant
15:20–15:40	Coffee Break Lounge
17:00–18:00	Networking Lobby & lounge
18:00 onward	Welcome Reception Off-site · venue to be announced

The welcome reception takes place off-site; the venue and end time will be announced.
Session chairs will be announced. Presentation times and all authors appear on the following pages.

Thursday, 29 October

2026

Full author lists are shown below each paper title. All times KST (UTC+9).

B1-DGrand Conference Hall		11:10–12:30
Model-Based Systems Engineering & Formal Verification		
11:10 –11:30 #7	STEP-Oriented Product Model Representation and Transformation Based on the X Language Junfan Zhang, Xiao Song, Ziyue Li, Wei Li, Byeong-Yun Chang and Lin Zhang	
11:30 –11:50 #48	SysWaiSER: A Unified IR-Based Multi-Verification Backend for Logical and Simulation Analysis of SysML Models Yeong Geol Kim	
11:50 –12:10 #53	A WaiSER-Simulink Co-Simulation Environment for Switching-Level Analysis of Power Conversion Systems Gyuyeon Kim, Dain Kim, Youna Kim, Min Hwang, Yeong Geol Kim and Seon Han Choi	
12:10 –12:30 #80	Design and Analysis of a Counter-UAS (C-UAS) System Using SysWaiSER Jung Koo	
B1-ASeminar Room III		11:10–12:25
Simulation Methodology, Reproducibility & Training		
11:10 –11:35 #1	VISA: A Structured Description Protocol for Agent-Based Simulation Models Towards Machine Reproducibility Zhou He	
11:35 –12:00 #21	Enhancing Disaster Response Competence of Paramedics through a Functional Educational Board Game: A Mixed-Methods Study Seongbin Im and Hyunmo Yang	
12:00 –12:25 #60	E2MC: An Entropy-Adaptive Monte Carlo Simulation Framework for Uncertainty-Aware Analysis of Stochastic Pairwise Competition Zhu Jinlong, Sheng Shanchao, Peng Xintian, Yong Zhao, Rusheng Ju and Sihang Qiu	

Thursday, 29 October

2026

Full author lists are shown below each paper title. All times KST (UTC+9).

B1-C Seminar Room II		11:10–12:25
Control Systems & Dynamic Modeling		
11:10 –11:35 #2	Modeling and Vibration Control of PDE-based Two-Link Boom Crane System With Flexible Cable Jiewen Ji and Jinkun Liu	
11:35 –12:00 #42	Active Disturbance Rejection Control and Extra-Insensitive Input Shaping for Robust Position Tracking and Payload Sway Reduction of a 3-Dimensional Overhead Crane Zaharuddin Mohamed and Auwalu Muhammad Abdullahi	
12:00 –12:25 #54	Adaptive Online Modeling of Rigid-Body Dynamics via Diffusion Generation and Low-Rank Adaptation Lei Zhang, Lin Zhang and Kunyu Wang	

B2-D Grand Conference Hall		14:00–15:15
Digital Twin: Construction & Representation		
14:00 –14:25 #66	A Model Classification Algorithm for Discrete Event Systems Based on Observation Data Hyunwoo Kim, Byeonghyeon Cho, Daegyu Lee, Nayoung Jin, Yea Dong Yoo, Sooyoung Jang and Changbeom Choi	
14:25 –14:50 #67	A Digital-Twin Construction Framework using Multiple Robots and a 360° Camera Daegyu Lee, Byeonghyeon Cho, Hyunwoo Kim, Nayoung Jin, Dohyung Kim, Seungho Yang and Changbeom Choi	
14:50 –15:15 #68	Progressive Digital Twin Object Record Construction Method Using Heterogeneous Models in an On-Device Environment Nayoung Jin, Daegyu Lee, Byeonghyeon Cho, Hyunwoo Kim, Yea Dong Yoo, Seungho Yang and Changbeom Choi	

Thursday, 29 October

2026

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B2-A		Seminar Room III	14:00–15:20
Manufacturing Scheduling & Optimization			
14:00 –14:20 #5	How Machine Centered Schedule Construction Affects Dispatching in Flow Shops with Missing Operations Rui Wang, Hongyan Quan, Xiao Song and Byeong-Yun Chang		
14:20 –14:40 #8	Fast Adaptation in Job Shop Scheduling Problem using Meta-Learning based Reinforcement Learning Dongsu Jeong, Joohwan Lee, Hanjae Shin and Yonghee Kim		
14:40 –15:00 #47	When Accurate Local Prediction Does Not Imply Safe Substitution: Learned Group Surrogates for Wafer-Fab Simulation Minseok Park, Chanyeong Yoon, Eunsoo Soh and Moon Gi Seok		
15:00 –15:20 #49	A_Cloud_Based_Simulation_Tool_for_Centralized_Pick_Station_Optimization_in_Automated_Wa rehouses Gandhi Mathi Nathan Chidambaram, Sumant Joshi and Anish Goyal		
B2-B		Seminar Room I	14:00–15:15
Privacy-Preserving Technologies & Blockchain			
14:00 –14:25 #9	AdaPED: Differentially Private Adaptive Ensemble Distillation with Proxy Data Ming Liu, Xiao Song, Hongyan Quan, Ming Lu and Guanghong Gong		
14:25 –14:50 #22	HMM Trajectory Reconstruction Based Temporal Local Differential Privacy Optimization Xiao Li, Xiao Song, Junfan Zhang, Yining Sun and Byeong-Yun Chang		
14:50 –15:15 #14	A Multi-Dimensional Cross-Chain Traceability Query Optimization Model for Rail Transit Zhuhai Xie, Xiao Song, Xiawei Feng, Wei Li and Byeong-Yun Chang		

Thursday, 29 October

2026

Full author lists are shown below each paper title. All times KST (UTC+9).

B2-C Seminar Room II		14:00–15:20
Numerical Modeling, Materials & Measurement		
14:00 –14:20 #27	Electro-Thermal Simulation-Augmented Battery-Pack SOC Estimation with Thermal-Gated Residual Learning Hejun Cheng and Diyin Tang	
14:20 –14:40 #46	A Grid-Conforming Finite-Difference Method for a Regular Tetrahedral Cavity Akira Kageyama	
14:40 –15:00 #55	An Interface-Conforming Surface Mesh Reconstruction Method for Strut-Based Graded Lattice Structures Wei Wei and Wenjie Gong	
15:00 –15:20 #29	Accurate Vickers Indentation Measurement via Compact U-Net Segmentation Tan Li, Sihong Yuan, Nanjiang Chen, Yanlan Xing, Fangfang Gao, Weining Song, Yanwen Lin and Runmin Yin	
B3-D Grand Conference Hall		15:40–17:00
LLM-Driven Simulation Modeling		
15:40 –16:00 #15	A Logic-Fragment-Driven Method for Generating Discrete Event Simulation Models Na Li, Yuanjun Laili, Siyuan Jin, Marco Gotelli, Lei Ren and Lin Zhang	
16:00 –16:20 #41	Replay Monitoring for Artifact-Lifecycle Conformance with Parallel DEVS Bo Seung Kwon, Jong Sik Lee and Young Shin Han	
16:20 –16:40 #52	Blueprint-Guided Natural-Language-to-DEVS Synthesis with Readiness Assessment Hyunseo Cho Cho, Ye Chan Kim and Byeong Soo Kim	
16:40 –17:00 #34	Structured Feedback for LLM-Driven Layout Generation: Improving Physical Feasibility in Robotic Laboratory Tasks Tan Li, Shenghua Li, Nanjiang Chen, Xing Yalan, Gao Fangfang, Song Weining, Qi Wang and Su Chunhui	

Thursday, 29 October

2026

Full author lists are shown below each paper title. All times KST (UTC+9).

B3-A Seminar Room III15:40–16:55	
UAV & Autonomous Systems	
15:40–16:05#58	Modeling and Simulation of Uncertainty-Aware Active Perception for UAV in Urban Environments Tianyu Han, Yong Zhao, Yatai Ji, Zhengqiu Zhu, Sihang Qiu and Rusheng Ju
16:05–16:30#59	Autonomous Target Search Framework for UAVs in Simulated Urban Environments Hong Zeng, Yatai Ji, Yong Zhao, Zhengqiu Zhu, Sihang Qiu and Rusheng Ju
16:30–16:55#64	A Digital Twin-Based Dynamic Path Planning Methodology for Unmanned Systems Byeonghyeon Cho, Hyunwoo Kim, Daegyu Lee, Nayoung Jin, Dohyung Kim, Sooyoung Jang and Changbeom Choi
B3-B Seminar Room I15:40–16:55	
Urban Mobility & Traffic Simulation	
15:40–16:05#16	A Traffic Simulation Framework for Incident Identification and Mitigation using Deep Reinforcement Learning Remya K Padinjarapat, Muhammad Shalihin Othman, Gary Tan and Chengxin Wang
16:05–16:30#20	Analyzing Traffic Congestion at a Busy Intersection Using Agent-Based Modeling: A Case Study Trixia Mae Banzon and Zenith Arnejo
16:30–16:55#30	A Data-Driven Technology Roadmap for Quantum Computing and Autonomous Electric Vehicles in the Mobility Ecosystem Eunju Cha, Jinsoo Park and Byeong-Yun Chang
B3-C Seminar Room II15:40–16:55	
Computer Vision for Industrial Inspection	
15:40–16:05#19	From Detection to Severity: Physics-Based Simulation of Layer-Aware Surface Defects in Battery Pouch Films Seung O Jo, Cheol Min Kim, Jeong Woo Kwon, Woong Choi and Liang Li
16:05–16:30#35	Metadata-Free JPEG Artifact Removal via Structure-Adaptive Spatial Clipping Yoshiki Takasan, Masayoshi Nakagawa and Katsu Yamatani
16:30–16:55#79	Effects of Data Augmentation and Training Duration on YOLOv8-Seg-Based Oil Palm Fresh Fruit Bunch Ripeness Classification Muhammad Shahirul Afiq Sukairi, Nurulaqilla Khamis, Ahmad Athif Mohd Faudzi, Hazlina Selamat, Noorhazirah Sunar and Nur Ayesha Qisteena Muzir

DAY 02 · 10월 30일 금요일

Friday, 30 October

2026

37 international papers · 11 technical sessions · B4 / B5 / B6

Parallel sessions

발표장별 세션

BLOCK	TRACK D Grand Conference Hall	TRACK A Seminar Room III	TRACK B Seminar Room I	TRACK C Seminar Room II
B4 10:20 –11:40	B4-D Defense Simulation & Wargaming 10:20–11:40 4 papers	B4-A Logistics, AGV/AMR & Warehouse Simulation 10:20–11:40 4 papers	No session 배정 없음	B4-C Synthetic Data Generation & Detection 10:20–11:35 3 papers
B5 14:00 –15:20	B5-D Digital Twin for Manufacturing Systems 14:00–15:15 3 papers	B5-A Cybersecurity: Detection, Resilience & DevSecOps 14:00–15:15 3 papers	B5-B Carbon Policy & Digital Economy 14:00–15:15 3 papers	B5-C Supply Chain Management & Green Operations 14:00–15:20 4 papers
B6 15:40 –17:00	B6-D LLM for Knowledge Engineering & Task Systems 15:40–16:55 3 papers	B6-A Healthcare & Epidemic Simulation 15:40–17:00 4 papers	B6-B Electronic Warfare & Field/Signal Simulation 15:40–16:55 3 papers	B6-C Process Control, Energy & Environment 15:40–16:55 3 papers

Across the day

주요 행사 및 휴식

08:00–08:50	Registration & AV Check Lobby & Grand Conference Hall
09:00–10:00	Keynote Speech Grand Conference Hall
10:00–10:20	Coffee Break Lounge
11:40–12:00	Announcements Grand Conference Hall
12:00–14:00	Lunch & Society General Meeting Campus restaurant & meeting room
15:20–15:40	Coffee Break Lounge
17:00–18:30	Banquet Setup & Room Closeout Grand Conference Hall
18:30–20:30	Banquet & Best Paper Award Grand Conference Hall

Keynote speaker: Prof. Tag Gon Kim. Banquet includes the Best Paper Award and closing remarks.
Session chairs will be announced. Presentation times and all authors appear on the following pages.

Friday, 30 October

2026

Full author lists are shown below each paper title. All times KST (UTC+9).

B4-D		Grand Conference Hall	10:20–11:40
Defense Simulation & Wargaming			
10:20 –10:40 #3	SimpleCQ: A Framework for Computer-Generated Forces Behavior Training with Deep Reinforcement Learning Yukun Wang, Cheng Cheng, Junwei Dai, Ni Li and Guanghong Gong		
10:40 –11:00 #31	A Componentized Construction Framework for Weapon System Combat Simulation Models Yonglin Lei		
11:00 –11:20 #50	A system dynamics model of rational personnel for future ROKA operation support Seungryul Lee and Kyungju Lee		
11:20 –11:40 #62	Comparative Evaluation of Gaussian Process and Deep Gaussian Process Bayesian Optimization for RF Countermeasure Optimization Dohyung Kim		
B4-A		Seminar Room III	10:20–11:40
Logistics, AGV/AMR & Warehouse Simulation			
10:20 –10:40 #17	Real-Time Dynamic Path Planning for Multi-AGV Material Transport in Chemical Laboratories Tan Li, Zhenyang Yu, Wenjun Zhang, Nanjiang Chen, Fangfang Gao, Weining Song, Chunhui Su and Yalan Xing		
10:40 –11:00 #44	Discrete-Event Simulation Analysis of Depot Storage Capacity and AMR Operations in Manufacturing Logistics Jihyeon Woo, Minhoo Choi, Yunho Lee, Kyungmin Seo, Minsuk Ko, Geonwoo Kim and Taewoong Song		
11:00 –11:20 #61	Impacts of Routing Schemes on the Fidelity of Simulation Models for AGV/AMR Systems Jeonghyeon Kim, Jinsung Park and Junwoo Kim		
11:20 –11:40 #63	Decision-Driven Berth Simulation Model for Managing Assets Utilization and Demand in Refinery Vessel Operations Ariff Mohd Idris, Yeoh Way Lipp and Justin Matthew Riner		

Friday, 30 October

2026

Full author lists are shown below each paper title. All times KST (UTC+9).

B4-C

Seminar Room II

10:20–11:35

Synthetic Data Generation & Detection

10:20

–10:45

#18

Research on Object-Level Change Detection in Remote Sensing Based on Bi-Temporal Shared-Weight YOLO and Multi-Scale Feature Enhancement

Yuguo Xie, Kangjian Sun, Ping Ma and Tao Chao

10:45

–11:10

#36

Urban360: A Panoramic Synthetic Data Generation Pipeline with FP16 Geometric Ground Truth

Hyogyeon Kim, Weimin Wang, Satoshi Takatori, Satoshi Tanaka, Jiaqing Liu, Woong Choi and Liang Li

11:10

–11:35

#51

A Synthetic Dataset and Sim-to-Real Framework for Lower-Limb Motion Estimation from Plantar Pressure Only

Hyunsoo Shin, Woong Choi, Satoshi Takatori, Satoshi Tanaka and Liang Li

B5-D

Grand Conference Hall

14:00–15:15

Digital Twin for Manufacturing Systems

14:00

–14:25

#4

A Digital Twin Approach for Machining Cells with Shuttle-based Automated Storage and Retrieval Systems

Soo-Jin Jang, Hyun-Sik Wang, Byung-Hun Song, Jin-Sung Lee, Sung-Joon Yoon, Hyeon-Soo Yu and Kyu-Tae Park

14:25

–14:50

#11

Digital Twin of Mobile Manipulator-based Manufacturing Systems: Defining Behaviour Models and P4R Information Model

Chae-Won Lee, Soo-Jin Jang, Jungin Koo and Kyu-Tae Park

14:50

–15:15

#25

SysWaiSER: An Executable Model-Based Systems Engineering Framework for Digital Twins and Verification in Smart Manufacturing

Juyeong Son, Nayeon Kim, Seon Han Choi and Tag Gon Kim

Friday, 30 October

2026

Full author lists are shown below each paper title. All times KST (UTC+9).

B5-A		Seminar Room III	14:00–15:15
Cybersecurity: Detection, Resilience & DevSecOps			
14:00 –14:25 #6	HGM-Fuzzer: Hybrid Generation-Mutation Driven Fuzz Testing for Industrial Control Protocols Jun Pan, Rui Zhang, Xiao Song, Yishi Liu and Ming Lu		
14:25 –14:50 #26	DRA-Fed: Disturbance-and-Recovery-Aware Federated Aggregation for Resilient Intrusion Detection in Heterogeneous Industrial IoT Networks Qian Si, Xiao Song and Yishi Liu		
14:50 –15:15 #33	Design and Implementation of a CI/CD Security Pipeline with CWE-Based Severity Reclassification and Deployment Control Yungyu Eo, Tae Hyun Kim, Seo Yeon Kim, Juwon Won, Gyu Hong Lee and Su Man Nam		
B5-B		Seminar Room I	14:00–15:15
Carbon Policy & Digital Economy			
14:00 –14:25 #70	API Pricing, Privacy Trade-offs, and Business Models in AI-Powered Yang Bai and Xinru Li		
14:25 –14:50 #72	Does Emissions Trading Raise Urban Carbon Productivity? Evidence from China's Staggered Pilots Yufei Chen		
14:50 –15:15 #75	When Digital Empowerment Turns Green: Nonlinear Effects on Urban Carbon Intensity in China Lu Yitian		

Friday, 30 October

2026

Full author lists are shown below each paper title. All times KST (UTC+9).

B5-C		Seminar Room II	14:00–15:20
Supply Chain Management & Green Operations			
14:00 –14:20 #71	Balancing Profit and Carbon Emissions in Packaging Supply Chains: The Role of Contracts and Minimum Order Quantity Xinru Li		
14:20 –14:40 #73	Modeling Behavior-Based Pricing and Wholesale Contract Choice with Repeat-Purchase Incentives Guoliang Song		
14:40 –15:00 #74	Blockchain Implementation Strategies in a Dual-Channel Remanufacturing Supply Chain: Profit Effects and Coordination Xiaonan Zhu		
15:00 –15:20 #77	A Dual Market Analysis of Green and Conventional Product Distribution Strategies Byeong-Yun Chang		
B6-D		Grand Conference Hall	15:40–16:55
LLM for Knowledge Engineering & Task Systems			
15:40 –16:05 #10	Threat Intelligence Relation Extraction Methods Based on Large Language Models Kehan Zhang, Xiao Song, Xiaoqing Li, Lu Liu and Jia Chen		
16:05 –16:30 #37	An LLM Agent Framework for Heuristic Design in Cloud-Edge-Device Task Offloading Siyuan Jin, Haichuan Wu, Yuanjun Laili, Lei Ren and Lin Zhang		
16:30 –16:55 #45	An Intelligent Effectiveness Evaluation Indicator Systems Generation Method Based on GraphRAG Sirui Wu, Qingao Chen, Chen Liu and Wei Li		

Friday, 30 October

2026

Full author lists are shown below each paper title. All times KST (UTC+9).

B6-A Seminar Room III		15:40–17:00
Healthcare & Epidemic Simulation		
15:40 –16:00 #13	KGFAN: Keyframe-Grounded Facial Anatomy Network for Facial Palsy Grading Jinglei Cui, Ziqi Wang, Dong Liu, Jiahui Zhai, Haitao Yuan, Xiao Song, Xiaomeng Zhao, Jiantao Liang and Jing Bi	
16:00 –16:20 #43	Forecasting an Epidemic Diffusion using Simulation Techniques Youngah Chun, Choonki Min, Eunju Cha, Xiao Song and Byeong-Yun Chang	
16:20 –16:40 #56	Surrogate-Assisted Mask Allocation Considering Normative Utility, Dynamic Mortality, and Fairness Chong Hyun Park and Dae-Eun Lim	
16:40 –17:00 #57	Multilayer and hierarchy networks for simulating urban spatiotemporal epidemic spreading Xuebin Mo, Wei Duan, Bing Wu, Jiaqi Huang and Rusheng Ju	
B6-B Seminar Room I		15:40–16:55
Electronic Warfare & Field/Signal Simulation		
15:40 –16:05 #24	Research on the Compound Jamming Evaluation Method of Anti-RF/Infrared Compound Detection System Based on Machine Learning Shengzhu Cui, Shengchao Wang and Weiqiang Wang	
16:05 –16:30 #28	Sensing-Guided RIS for Covert ISAC with Deep Reinforcement Learning in Wireless Communication Networks Jiting Shi, Qianyun Zhang, Chenhui Ren, Yinong Xu, Weihao Zeng and Zhenyu Guan	
16:30 –16:55 #39	Three-Dimensional Simulation of Rotating Permanent Magnet Mechanical Antenna for Underground Cross Media Propagation Zhihong Yuan, Yu Pei, Zhi Cui, Chenhui Deng, Xiaojie Liang, Jiancheng Yin, Huaifu Cheng and Yong Cui	

Friday, 30 October

2026

Full author lists are shown below each paper title. All times KST (UTC+9).

B6-C Seminar Room II		15:40–16:55
Process Control, Energy & Environment		
15:40 –16:05 #12	Coagulation Dosage Prediction Through Pearson Correlation-Based Feature Selection and Artificial Neural Network Modeling for Intelligent Water Treatment Systems Syahira Ibrahim, Norhaliza Abdul Wahab, Nurul Adilla Mohd Subha and Noorhazirah Sunar	
16:05 –16:30 #69	Probabilistic Wind Power Forecasting and Stochastic Bidding Optimization for Coastal Wind Farms in South Korea Jinsoo Park, Eunju Cha and Byeong-Yun Chang	
16:30 –16:55 #78	Flux Decline Based Backwash Control for Ultrafiltration Membrane Fouling with SCADA-IoT Monitoring Noorhazirah Sunar, Mohamad Fikkri Mohamad Sarif, Norhaliza Abdul Wahab, Mashitah Che Razali, Nurulaqilla Khamis and Nor Aishah Muhammad	

DAY 03 · 10월 31일 토요일

Saturday, 31 October

2026

Domestic sessions · Federation Leadership Meeting · Closing

TRACK A	INVITATION ONLY
Domestic paper sessions 국내 논문 발표 · Seminar Room III	Federation leadership 회원 학회 대표단 · Seminar Room I
09:00–10:30 Domestic Paper Session A-1 국내 논문 발표 A-1	09:00–10:30 Leadership Meeting Selection of the next host location.
10:50–12:20 Domestic Paper Session A-2 국내 논문 발표 A-2	10:50–12:20 Leadership Meeting (continued) Discussion of the next organizing committee.
Presentations in Korean. Individual paper titles, full author lists and presentation times will be announced. 국내 논문별 제목·전체 저자·발표 시간은 추후 안내됩니다.	For invited member society presidents and officers. 회원 학회 회장·임원 초청 회의
10:30–10:50 Coffee Break / 휴식	Lounge / 휴게실

Closing the conference

폐회 및 교류

12:20–12:40	Closing Ceremony / 폐회 Seminar Room III
12:40 onward	Federation Luncheon / Federation 오찬 Off-site restaurant · Member society delegations
14:00	Venue Handover / 시설 반납 Seminar Room III

Presenter essentials

발표자 안내

20 or 25 minutes	4-paper sessions: 15 min presentation + 5 min Q&A. 3-paper sessions: 20 min presentation + 5 min Q&A.
Check slides in advance	Visit the Speaker Ready Room (control room) the day before or at least 30 minutes before your session. A projector, wireless microphone, laptop and HDMI/USB-C adapters are provided.
Allow 5 minutes between rooms	The Grand Conference Hall is on the north side; seminar rooms are on the south side. Registration and coffee breaks are in the lobby and lounge.

Program and updates

asiasim2026.org/program/

Technical assignments and full authors: final session workbook, September 2026.

Conference events: full-program draft. Updated September 22, 2026.