



ICETA 2026

The 2026 International Conference on Embedded Technology and Artificial Intelligence

PROGRAM

Annova Nha Trang Hotel, Vietnam
July 20-23, 2026

Organized by

International Conference on Embedded Technology and Artificial Intelligence
IEMEK (Institute of Embedded Engineering of Korea)

WELCOME ADDRESS

Dear Distinguished Guests, Keynote Speakers, Authors, Reviewers, and Participants,

It is my great honor and privilege to welcome you to the ICETA 2026(2026 International Conference on Embedded Technology and Artificial Intelligence), held from July 20 to 23, 2026, in Nha Trang, Vietnam.

On behalf of the Organizing Committee and the IEMEK(Institute of Embedded Engineering of Korea), I extend my sincere appreciation to all participants for joining this international conference. Your presence and contributions are fundamental to the success of ICETA 2026 and to the continued advancement of our research community.

Embedded technology and artificial intelligence are rapidly transforming every aspect of modern society, from intelligent mobility and advanced manufacturing to healthcare, communications, and sustainable infrastructure.

As these technologies continue to evolve, the importance of interdisciplinary collaboration and international cooperation has become greater than ever. ICETA 2026 has been organized to provide a distinguished conference where researchers, engineers, scientists, and industry professionals from around the world can present their latest research findings, exchange innovative ideas, and discuss the challenges and opportunities that will shape the future of intelligent systems.

The success of an international conference is made possible through the collective efforts of many dedicated individuals. I would like to express my deepest gratitude to our keynote speakers, invited speakers, authors, reviewers, session chairs, sponsors, and members of the Organizing Committee for their professionalism, commitment, and invaluable contributions. Their efforts have ensured the high academic quality and international standing of ICETA 2026.

I also hope that this conference will serve not only as a venue for the dissemination of scientific knowledge but also as a catalyst for establishing new collaborations, strengthening existing partnerships, and fostering lasting professional friendships among participants from diverse countries and disciplines.

Beyond the conference sessions, I encourage you to enjoy the unique beauty and hospitality of Nha Trang, one of Vietnam's most attractive coastal cities. I hope that your visit will provide both memorable cultural experiences and opportunities for meaningful exchanges with colleagues from around the world.

Thank you once again for your participation in ICETA 2026. I wish you an inspiring and productive conference, successful discussions, and an enjoyable stay in Vietnam.

Byung-Jae Choi, Ph.D.
General Chair
Professor, Daegu University, Republic of Korea

COMMITTEE

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International Liaison Chairs	Dong Shik Kang (University of the Ryukyus, Japan) Fernando E. Q, JR. (Biliran Province State University, Philippines) Tae Hee Lee (Jeonbuk National University, Korea)
Local Arrangement Chair	Nguyen Khac Cuong (Nha Trang University, Ho Chi Minh University of Banking, Vietnam)

PROGRAM AT A GLANCE

Time	Event
July 20, 2026	
13:30~15:30	Special Interest Group (SIG) Workshop on Emerging Research Topics I
15:30~16:00	Coffee Break
16:00~17:30	Special Interest Group (SIG) Workshop on Emerging Research Topics II
July 21, 2026	
09:00~09:30	Registration
09:30~09:40	Opening Ceremony (Luminary Hall)
09:40~10:20	Invited Speech 1 (Luminary Hall) Speaker: Yoosoo Oh
10:20~10:40	Coffee Break
10:40~12:10	Session 1 (Luminary Hall) Session 2 (Savoy Hall)
12:20~13:30	Lunch
13:30~14:10	Keynote Speech (Luminary Hall) Speaker: Moon Keun Kim
14:10~15:40	Session 3 (Luminary Hall) Session 4 (Savoy Hall)
15:40~16:00	Coffee Break
16:00~17:00	Session 5 (Poster & Capstone, Luminary Hall)
17:20~	Conference Banquet

※Times are expressed in Nha Trang, Vietnam.

※The schedule is subject to change due to various circumstances without notice.

July 22, 2026	
09:00~10:00	Invited Speech 2 (Savoy Hall) Speaker: Sang Suh
10:00~10:10	Coffee Break
10:10~11:10	Session 6 (Savoy Hall)
11:10~11:20	Coffee Break
11:20~12:20	Session 7 (Poster & Capstone, Savoy Hall)
12:20~13:30	Coffee Break
13:30~15:00	Session 8 (Savoy Hall)
15:00~15:20	Coffee Break
15:20~16:20	Technical Committee on Smart Sensors
16:20~17:20	Technical Committee on Future Mobility
17:20~18:20	Technical Committee on Industrial Artificial Intelligence
July 23, 2026	
09:00~11:30	International Research Exchange & Networking: Panel Discussion on Future Directions
11:30~11:40	Committee Meeting
11:30	Closing Ceremony

※Times are expressed in Nha Trang, Vietnam.

※The schedule is subject to change due to various circumstances without notice.

SCIENTIFIC PROGRAM

July 20, 2026	
Time	Event
13:30 ~	Special Interest Group (SIG) Workshop on Emerging Research Topics I
15:30 ~	Coffee Break
16:30 ~	Special Interest Group (SIG) Workshop on Emerging Research Topics II

July 21, 2026	
Time	Event
09:00 ~	Registration
09:30 ~	Opening Ceremony
09:40 ~	Invited Speech 1 (Yoosoo Oh) (Luminary Hall) Chair: Sangmoon Lee (Kyungpook National Univ.)
10:20 ~	Coffee Break
10:40 ~	Session 1 (Luminary Hall) Chair: Jonghun Lee (DGIST)
	1S-1 WTOD Protocol-Based Resilient Fault Detection for Networked Menristive Neural <i>Jiong-Jian She ¹⁾ and Meng-Jie Hu ^{2*)}</i> ¹⁾ School of Information and Control Engineering, China University of Mining and Technology, Xuzhou 221000, China ²⁾ School of Internet of Things, Xi'an Jiaotong-Liverpool University, Suzhou 215400, China
	1S-2 Error-Based Fuzzy Q-Learning Control for Trajectory Tracking under Initial Offsets <i>Myeongjun Seo ¹⁾ and Sangmoon Lee ^{2*)}</i> ¹⁾ Dept. of Water and IT Engineering, Kyungpook National University, Daegu, 41566, Republic of Korea ²⁾ Dept. of Electric Engineering, Kyungpook National University, Daegu, 41566, Republic of Korea

	1S-3	Vital Sign Monitoring Using Camera and FMCW Radar Fusion in Home Environments <i>Sekyung Kim¹⁾, Jieun Park¹⁾, Dokyung Kang¹⁾, Kyungtaeg Yang¹⁾, Seungeon Song²⁾ and Jonghun Lee^{*1),2)}</i> ¹⁾ Dept. of Interdisciplinary Engineering, Graduate school, DGIST, Daegu, 42988, Korea ²⁾ Institute of Research, DGIST, Daegu, 42988, Korea
	1S-4	Radar-Based Human-Robot Discrimination Using Transformer with Sequential Cluster Features in Automotive Manufacturing Environments <i>Dokyung Kang¹⁾, Jieun Park¹⁾, Kyungtaeg Yang¹⁾, Sekyung Kim¹⁾, Seungeon Song²⁾ and Jonghun Lee^{*1),2)}</i> ¹⁾ Dept. of Interdisciplinary Engineering, Graduate school, DGIST, Daegu, 42988, Korea ²⁾ Institute of Research, DGIST, Daegu, 42988, Korea
	1S-5	Activity-Aware Sensor Data Compression for Energy-Efficient On-Device AI Computing in Human Activity Recognition <i>Ganapati Bhat¹⁾ and Hyung Gyu Lee²⁾</i> ¹⁾ Sch. of EECS, Washington State Univ., Pullman, WA, 99164, U.S.A ²⁾ Sch. of Digital Software Engineering, Duksung Women's Univ. Seoul 01369, South Korea.
10:40~	Session 2 (Savoy Hall) Chair: Joonhyuk Yoo (Daegu Univ.)	
	2S-1	Comparative Analysis of UAV Position Prediction Models <i>Sang Suh^{1*)}, Doweon Ki²⁾, Jie Yu³⁾</i> ^{1,2,3)} Dept. of Computer Science, East Texas A&M University, Commerce, TX, U.S.A.
	2S-2	Unified Cross-Layer Embedded AI Design <i>Sang Suh^{1*)}, Omar Aly²⁾</i> ¹⁾ Dept. of Computer Science, East Texas A&M University, Commerce, TX, U.S.A.
	2S-3	Miniaturized Broadband Microstrip Patch Antenna Utilizing Open-Circuit Stubs and Ground Slotting for 5G Systemssa <i>Zelin Hou¹⁾, Jie Zhang¹⁾, Ka Lok Man¹⁾, Yan Li²⁾ and Jingchen Wang^{1*)}</i> ¹⁾ School of Advanced Technology, Xi'an Jiaotong-Liverpool University, Suzhou, China ²⁾ College of Software and Covergence Computer Engineering, Inha University, Incheon, Republic of Korea
	2S-4	Model Compression and Skin-Tone Fairness in On-Device Skin Cancer Screening <i>Pham Thi Anh Thu^{1*)}, Nguyen Gia Kho²⁾, Tran Trung Hieu³⁾, Bui Thi Thanh Tu⁴⁾</i> ^{1,2,3,4)} Dept. of Information Technology, Ho Chi Minh City University of Foreign Languages and Information Technology (HUFLIT), Ho Chi Minh City, Vietnam
	2S-5	Analytical and Deep Learning Method for Phase Error Calibration of FMCW Automotive Radar: A Comparative Analysis <i>Sharif Danish¹⁾, Sheriff Murtala²⁾ and Gyu Sang Choi^{3*)}</i> ^{1,2)} Dept. of Information and Communication Engineering, Yeungnam University, Korea ³⁾ Dept. of Information and Communication Engineering, Yeungnam University, Korea
12:10 ~	Lunch	
13:30 ~	Keynote Speech (Moon Keun Kim) (Luminary Hall) Chair: Yoosoo Oh (Daegu Univ.)	
14:10 ~	Session 3 (Luminary Hall) Chair: Hyunggyu Lee (Duksung Women's Univ.)	
	3S-1	Residual Reinforcement Learning Compensation for ADRC-Based Waypoint Tracking of a Solar Pile Driver <i>Myeong Woo Lee¹⁾, Taeyong Kim²⁾, Miok Kim³⁾, Hungju Shin⁴⁾, and Moon G. Joo^{5*)}</i> ^{1,5)} Department of Intelligent Robot Engineering, Pukyong National University, Busan, Korea ^{2,3,4)} Xpanner Co., Ltd., Busan, Korea

	3S-2	6-Degree-of-Freedom Pose Estimation of Solar Panels Using Vision Transformer and Synthetic CAD-Based Dataset <i>Tae Young Jeong¹⁾, Miok Kim²⁾, Hungju Shin³⁾, Moon G. Joo^{4*)}</i> ^{1,4)} Dept. of Intelligent Robot Engineering, Pukyong National University, Busan 48513, Korea ^{2,3)} Xpanner Co., Ltd.
	3S-3	Language-Guided Unknown-Space Exploration for Mobile Robots with a Mamba-Based Frontier Planner <i>Moojueng Kim¹⁾, Junhui Woo²⁾ and Sangmoon Lee^{3*)}</i> ^{1, 2)} Dept. of Water and IT Eng., Kyungpook Natl. Univ., Daegu 41566, Korea ³⁾ Dept. of Electronic Eng., Kyungpook Natl. Univ., Daegu 41566, Korea
	3S-5	Digital Twin Network based on Decentralized Federated Learning in On-device AI Environments <i>Nguyen Anh Tuan^{1,2)}, Qazi Waqas Khan^{1, 2)}, Le Anh Ngoc³⁾ and Do Hyeun Kim^{1,2 *)}</i> ¹⁾ Dept. of Computer Engineering, Jeju National University, Jeju-si, Republic of Korea ²⁾ Big Data Research Center, Jeju National University, Jeju-si, Republic of Korea ³⁾ Swinburne Vietnam, FPT University, Hanoi, Vietnam
	3S-5	Real-Time Face Recognition AI-Based Classroom Seat Matching and Student Identification System <i>Donghwoon Kwon¹⁾, Seung Kwang Ryu²⁾, Seok-Hyeon Jeong³⁾, Ayoung Song³⁾, and Jeong Tak Ryu^{3*)}</i> ¹⁾ Dept. of Computer Science and Engineering, North Central College, Naperville, IL 60540, U.S.A ²⁾ Graduate School of Smart Convergence Systems Engineering, Daegu University, Korea ³⁾ Department of Electronic Engineering, Daegu University, Korea
14:10 ~	Session 4 (Luminary Hall) Chair: Moon G. Joo(Pukyong National Univ.)	
	4S-1	Enhancing Convolutional Neural Network Representation Capability through Feature Diversity <i>Yeongyu Choi^{1*)} and Ju H. Park¹⁾</i> ¹⁾ Dept. of Electrical Engineering, Yeungnam University, Gyeongsan 38541, Korea
	4S-2	Explainable Optimization of Precision Tooling Design Using Physics-Informed Generative Adversarial Networks for Small Data Regimes <i>ByeongSeok Lee¹⁾, Yoosoo Oh²⁾</i> ¹⁾ Department of Smart Convergence Systems Engineering, Daegu University ²⁾ School of Computer and Information Engineering, Daegu University
	4S-3	HyperCup: A Mobile Coffee Cupping Platform <i>Seonghee Min^{1*)}</i> ¹⁾ Cuppingpost Roasters, Gyeongsan-si, Gyeongsangbuk-do, 38426, Korea
	4S-4	Design of a Fine-Grained Classification Algorithm for Specialty Green Beans <i>Seonghee Min^{1*)}</i> ¹⁾ Cuppingpost Roasters, Gyeongsan-si, Gyeongsangbuk-do, 38426, Korea
	4S-5	SoilSeg: Severity-Aware Lens Soiling Segmentation for Camera Reliability in Autonomous Driving <i>Muhammad Tayyab Shehzad¹⁾, Gyu Sang Choi^{1*)}</i> ¹⁾ Dept. of Information and Communication Engineering, Yeungnam University, Gyeongsan-si, Korea
15:40 ~	Coffee Break	
16:00 ~	Session 5 (Poster & Capstone) (Luminary Hall) Chair: Jeongtak Ryu (Daegu Univ.)	

5S-1	Multi-Rate Scheduling and Atomic-Step Decomposition for MLP-Mixer Inference on Bare-Metal Embedded Systems <i>Wonhee Kim¹⁾, Byenogkeun Kwon²⁾, Suhyeon Kim²⁾, Young Ok Lee^{3*)} and Young Seop Son^{2*)}</i> ¹⁾ School of Energy Systems Engineering, Chung-Ang University, Seoul 06974, Korea ²⁾ Graduated School of Data Science, Kyungpook National University, Daegu 41566, Korea. ³⁾ Department of Mechatronics Engineering, Daelim University, Anyang-si, Gyeonggi-do 13916, Korea
5S-2	Functional and Performance Evaluation Method for Core Components of Wide-Area Low-Floor Electric Buses <i>Sung-hun Kim¹⁾, Seong-Wook Cho²⁾, Oh-Hun Kwon²⁾, Jang-Kyu Yun²⁾, Soo-Young Suk²⁾</i> ^{1,2)} Electronic Components Research Center, Gyeongbuk Institute of IT Convergence Industry Technology (GITC), Gyeongsan 38463, Korea
5S-3	Automatic Instance-Segmentation Labeling of Rice Cookers Using SAM3 Exemplar Matching <i>Jaehyun Park¹⁾, Seungtaek Kim¹⁾, Sunjong Lee¹⁾ and Youngjun Yoo^{1*)}</i> ¹⁾ Korea Institute of Industrial Technology, Cheonan, 31056, Republic of Korea
5S-4	Low-Complexity Two-Stage Operation FMCW Beam-Scanning Radar for Embedded Systems <i>YoungSeok Jin¹⁾, Eugin Hyun^{1*)}</i> ¹⁾ IS ³ Lab, Dept. of Mobility Technology, DGIST, Daegu, Korea
5S-5	A Standards- and BMS-Based Evaluation Framework for Classification and Safety Assessment of EOL EV Batteries <i>Seong-wook Cho¹⁾, Sung-Hun Kim¹⁾, Oh-hoon Kwon¹⁾, Jang-kyu Yun¹⁾ and Soo-young Suk^{2*)}</i> ¹⁾ Electronic & Autonomous Systems Center, Future Mobility Research Division, Gyeongbuk Institute of IT Convergence Industry Technology (GITC), Gyeongsan 38542, Republic of Korea ²⁾ Future Mobility Research Division, Gyeongbuk Institute of IT Convergence Industry Technology (GITC), Gyeongsan 38542, Republic of Korea
5S-6	Development of a Field Inspection Procedure for Electric Vehicles Equipped with End-of-Life Batteries Using a Chassis Dynamometer <i>Seung-woo Kim^{1*)}, Oh-hun Kwon¹⁾, Hyun-kwon Choi¹⁾, Jang-kyu Yun¹⁾ and Soo-young Suk¹⁾</i> ¹⁾ Center for Automotive Electronics and Autonomous Systems, Gyeongbuk Institute of IT Convergence Industry Technology, Gyeongsan 38463, Korea
5S-7	Automatic Generation of Robot Offline Programs from Natural-Language Instructions Using a Large Language Model <i>Sanga Lee¹⁾, Jongpil Yun¹⁾, Hongin Won¹⁾, Hyunchul Tae¹⁾ and Youngjun Yoo^{1*)}</i> ¹⁾ Korea Institute of Industrial Technology, Republic of Korea
5S-8	Establishment of EMC Test Evaluation Environment Using Hanging Mast Antenna for ADAS and Autonomous Systems <i>Sungyoun Hwang¹⁾, Junbyung Baek¹⁾, Hyojeung Cho¹⁾, Simok Lee¹⁾, Jaerok Shim¹⁾, and Taehee Lee^{1*)}</i> ¹⁾ Test & Evaluation Division, Korea Intelligent Automotive Parts Promotion Institute, Daegu, Korea
5S-9	Development of an IR LED-Based Illumination System for Parking Violation Enforcement Cameras <i>Jung-Hae Choi¹⁾ and Byung-Jae Choi^{2*)}</i> ¹⁾ DGELEC, Yeongcheon-si, Gyeongsangbuk-do 38453, Korea ²⁾ Dept. of Electrical Engineering, IT & Engineering College, Gyeongsan-si, Gyeongsangbuk-do 38453, Korea

July 22, 2026	
Time	Event

09:00 ~	Invited Speech 2 (Sang Suh) (Savoy Hall) Chair: Wonkee Hong (Daegu Univ.)
10:00 ~	Coffee Break
10:10 ~	Session 6 (Savoy Hall) Chair: Jeseok Kim (DGIST) 6S-1 STFT-CNN Based Fall Detection Using Millimeter-Wave Radar <i>Jieun Park¹⁾, Kyungtaeg Yang¹⁾, Sekyung Kim¹⁾, Dokyung Kang¹⁾, Seungeon Song²⁾ and Jonghun Lee^{*1),2)}</i> ¹⁾ Dept. of Interdisciplinary Engineering, Graduate school, DGIST, Daegu, 42988, Korea ²⁾ Institute of Research, DGIST, Daegu, 42988, Korea 6S-2 On-Device AI-Based Real-Time Mobile Fall Detection and Notification Service with Interworking Server <i>Yu Gong¹⁾, Eun-Bin Koh²⁾, Misbah Bibi²⁾ and Do-Hyun Kim^{2*)}</i> ¹⁾Dept. of Japanese Language & Literature / Intelligent IoT Convergence, Jeju National University, Jeju, Korea ²⁾Dept. of Computer Engineering, Jeju National University, Jeju, Korea 6S-3 Deep Reinforcement Learning-Based Lumen Alignment for Defect Inspection of Catheter Cross-section <i>Jae Jin Hwang¹⁾, Yejin Kim²⁾, Jong Pil Yun³⁾ and Moon G. Joo^{4*)}</i> ¹⁾Dept. of Intelligent Robotics Engineering, Pukyong National University, Busan, Korea ^{2,3)}Manufacturing AI Research Center, Korea Institute of Industrial Technology, Incheon, Korea ^{4*)}Dept. of Information and Communication Engineering, Pukyong National University, Busan, Korea
11:10 ~	Coffee Break
11:20 ~	Session 7 (Poster & Capstone) (Savoy Hall) Chair: Dohyeon Kim(Jeju National Univ.) 7S-1 A Scenario-Based Electromagnetic Susceptibility Evaluation Method for ADAS Functions Using RTS and Camera Projection <i>Junbyung Baek¹⁾, Sungyoun Hwang¹⁾, Hyeongsu Choi¹⁾, Doyoun Kim¹⁾, Simok Lee¹⁾, Jaerok Shim¹⁾, Hyojeung Cho¹⁾ and Taehee Lee^{1*)}</i> ¹⁾Test & Evaluation Division, Korea Intelligent Automotive Parts Promotion Institute, Daegu, Korea 7S-2 Repeatability Factors in Electric Vehicle Single-Charge Range Tests Using Chassis Dynamometers <i>Jeong-gon Kim¹⁾, Myeong-Ho Song¹⁾, Hyeong-Jin Hwang¹⁾, and Jang-Kyu Yun¹⁾</i> ¹⁾Gyeongbuk Institute of IT Convergence Industry 7S-3 Implementation of a Lightweight Machine Learning-Based Virtual Motor Speed Sensor Using a MEMS IMU <i>Jaeseong Lee¹⁾, Gwang-Min Park¹⁾, Seonghun Lee¹⁾</i> ¹⁾AX Research Group for Robotics, Daegu Gyeongbuk Institute of Science and Technology (DGIST), Daegu 42988, Korea 7S-4 Torque Robustness Enhancement in PMSM Drives with Low-Cost Sensors via Active Phase Trimming <i>Gwangmin Park¹⁾, Jaeseong Lee¹⁾, Seonghun Lee¹⁾</i> ¹⁾AX Research Group for Robotics, Daegu Gyeongbuk Institute of Science and Technology (DGIST), Daegu 42988, Korea 7S-5 Development of a Real-Time Integrated Monitoring System for Battery Pack Manufacturing Process <i>MyeongSu Jeong¹⁾, ChangSoo Moon^{2*)} and GiDong Lee³</i> ^{1,2)} Dept. of Vehicle Software, Gyeongbuk Research Institute of Vehicle Embedded Technology, YeongCheon,

	Gyeongsangbuk-do 38808, Korea ³⁾ Production Technology Research Center, HWASHIN, YeongCheon, Gyeongsangbuk-do 38808, Korea.
7S-6	An Explainable Client-Side Framework for Real-Time Phishing Detection Using URL Risk Scoring and Safe Browsing APIs Min-Gi Choi¹⁾, Sol-mi Kim²⁾ and Won-Kee Hong^{3*)} ^{1,2,3)} Dept. of Inform. Security, Daegu Univ., Gyeongsan, Gyeongbuk 121-791, Korea
7S-7	An Embedded AI Software Integration Supporter for Safe Human-in-the-Loop Code Modification in Ubuntu Jae-Mo Ahn¹⁾, Jung-Hae Choi²⁾, Sijia Huo¹⁾, Byoung-Ju Yun³⁾, and Byung-Jae Choi^{1*)} ¹⁾Department of Electrical Engineering, Daegu University, Gyeongsan 38453, Republic of Korea ²⁾Chief Executive Officer, Daekyung Elec Co., Ltd., Republic of Korea ³⁾School of Electronics Engineering, College of IT Engineering, Kyungpook National University, Daegu, Republic of Korea
7S-8	Design and Implementation of a Real-Vehicle VIL Testbed for Autonomous Driving Validation with Virtual Sensor Integration Je-Seok Kim¹⁾ ¹⁾ Daegu Gyeongbuk Institute of Science & Technology (DGIST), Daegu, Korea
7S-9	Design and Implementation of an AI-Based Smart Aquaculture System for Feeding Optimization and Automated Farm Management Jaeyoung Kim^{1*)}, Dongseung Shin²⁾ and Laekyoung Lee³⁾ ^{1,2,3)} Daegu-Gyeongbuk Research Division, Electronics and Telecommunications Research Institute, Daegu, Republic of Korea
7S-10	Factors Affecting the Acceptance and Purchase Intention of Smart Rings: An Extended Technology Acceptance Model Approach Sang Hoon Lee¹⁾ and Su-Yeon Kim^{2*)} ¹⁾Software Education Institute, Kyungpook National Univ., 80, Daehak-ro, Buk-gu, Daegu, Korea ²⁾School of Computer and Information Engineering, Daegu Univ., Gyeongsan, Gyeongbuk 38453, Korea
12:10 ~	Coffee Break
13:30 ~	Session 8 (Savoy Hall) Chair: Jeongtak Ryu (Daegu Univ.)
8S-1	EmbedLearn: On-Device Intelligence for Smart Classroom Monitoring T.Velmurugan¹⁾, Senthilkumar Ramamoorthy²⁾, Sridevi PC^{3*)} ¹⁾Advisor, Meston College of Arts and Science, Chennai 600014, India ²⁾Senior Java /AI Engineer, The Options Clearing Corporation (OCC), USA ³⁾ Dept. of Artificial Intelligence and Data Science, Takshashila University, Tindivanam 604305, India
8S-2	Next-generation Cloud-ATM Architecture Using Enhanced Hybrid Elliptic Curve Cryptography for Eradicating Skimming Attacks SriPradha.G¹⁾, R.Samundeeswari²⁾ ^{1,2)} Asst. Professor, Dept. of Information Technology, Guru Nanak College, Chennai, India -600042
8S-3	A Multi-Joint Data-Based SOMA System for Fine Motor Development in Children with Special Needs Narangerel Tsolmon¹⁾, Jimin Ryu²⁾ and Yoosoo Oh^{3*)} ^{1,2)} NWI Co., Ltd., Gyeongsan 38453, Republic of Korea ³⁾ School of Computer & Information Engineering, Daegu University, Gyeongsan 38453, Republic of Korea
8S-4	AI-Based Multi-Agent Crowd Safety Surveillance System for Real-Time Threat Monitoring Madhusudhana R¹⁾ and Rakesh Kalshetty¹⁾

	8S-5	AI in Healthcare: An Umbrella Review of Systematic Reviews and Meta-Analyses <i>Sang Suh¹⁾ and Kshitiz Basner¹⁾</i> ¹⁾ Dept. of Computer Science, East Texas A&M University-Commerce, TX, USA
	8S-6	Explainable Ensemble Learning Framework for Real-Time Financial Fraud Detection <i>Bhuthamekala prasanthi¹⁾, Mudiya lakshmi²⁾</i> ¹⁾ Dept. of Computer Science and Engineering, Narasaraopeta Engineering College, Narasaraopeta, India ²⁾ Dept. Computer Science and Engineering, Narasaraopeta Engineering College, Narasaraopeta, India
	8S-7	Achieving Low-Latency and Fair NR-V2X Communication via UAV-Assisted Multi-Agent Reinforcement Learning <i>Maliha Binte Mukhles¹⁾, M Ishtiaque Ahmed²⁾ and Sung Won Kim^{3*)}</i> ^{1,3)} Department of Information & Communication Engineering, Yeungnam University, Gyeongsan-si, 38541, Republic of Korea ²⁾ Department of Environment Science, Jahangirnagar University, Savar, Dhaka, Bangladesh
	8S-8	TinyECG-Gate: Ultra-Lightweight INT8 ECG Edge Triage with Selective Confidence Deferral <i>Kaleem Ahmad¹⁾ and Sung Won Kim^{2*)}</i> ^{1,2)} Department of Information and Communication Engineering, Yeungnam University, Republic of Korea
15:00 ~	Coffee Break	
15:20 ~	Technical Committee on Smart Sensors	
16:20 ~	Technical Committee on Future Mobility	
17:20 ~	Technical Committee on Industrial Artificial Intelligence	

July 23, 2026	
Time	Event
09:00 ~	International Research Exchange & Networking: Panel Discussion on Future Directions
11:30 ~	Committee Meeting
11:30	Closing Ceremony

VENUE

Main venue for conference program

Annova Nha Trang Hotel



Address: 05 Ly Tu Trong, Phuong Loc Tho, TP Nha Trang, Khanh Hoa, Viet Nam(www.annovahotel.com)
Cebu / Local Clients: Telephone or Landline: +84 258 390 5555 | +84 855 372 555
E-mail: info@annovahotel.com

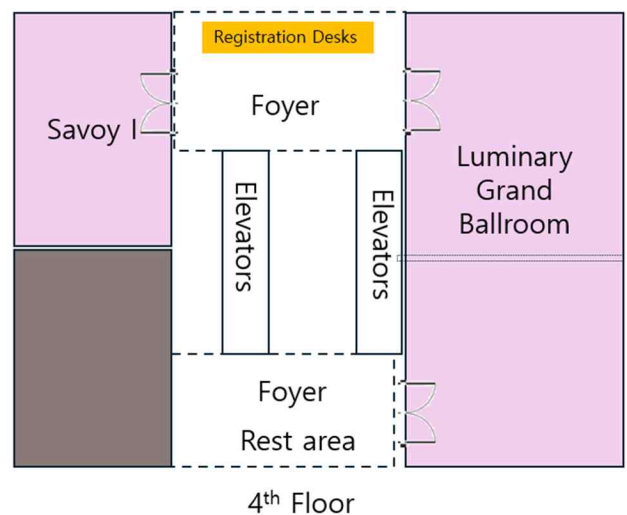
ConFERENCE Venue



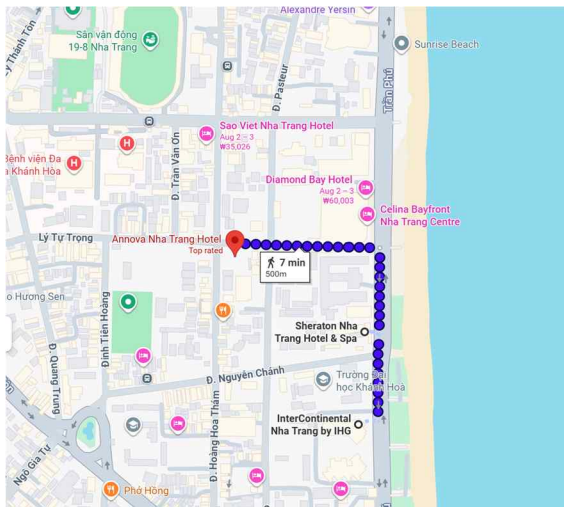
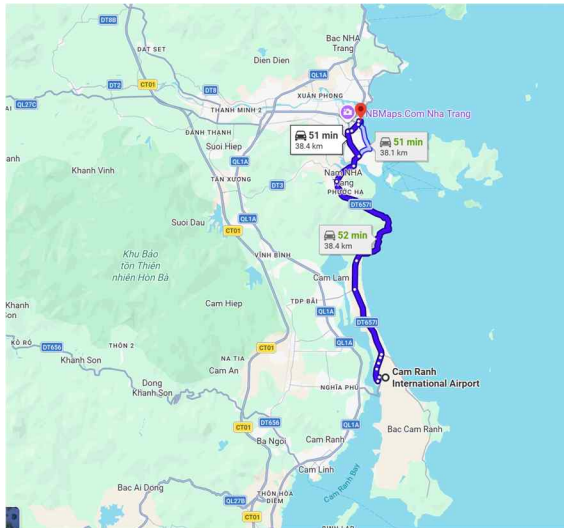
Luminary Grand Ballroom



Savoy I Conference Room



Locations & Transformation



Recommended Accommodations

- Annova Nha Trang Hotel (Conference Venue)
- Sheraton Nha Trang Hotel & Spa (5-minute walk to the conference venue)
- Inter Continental Nha Trang (7-minute walk to the conference venue)

Transportation from Cam Ranh International Airport to Nha Trang

1. Taxi (Fastest & Most Convenient)

- Travel time: **~50 minutes**
- Recommended taxi companies:
 - **Vinasun** (White taxis)
 - **Mai Linh** (Green taxis)
- Be cautious of unofficial taxis and possible overcharging.

2. Airport Shuttle Bus (Most Economical)

- **Dat Moi Bus No. 18** connects the airport and Nha Trang city.
- Buy tickets at the **BUS TICKET** counter in the arrival hall or pay the driver in cash if the counter is closed.
- Departure: **City Shuttle Bus Stop No. 3**
- Fare: **65,000 VND** (to Nha Trang city)
- Travel time: **~40 minutes**
- Operating hours: **05:30–23:00** (every ~30 minutes)
- **Cash only.**
- Drivers can usually drop passengers near their hotel if the hotel name or location is provided.

3. Dat Moi Minivan (Late-Night Alternative)

- Available when the airport shuttle bus is not operating.
- Departure: **City Shuttle Bus Stop No. 3**
- Fare: **100,000 VND per person**
- Provides hotel drop-off service.

4. Private Airport Transfer

- Recommended for **late-night or early-morning arrivals**, solo travelers, or hotels outside the city center.
- Can be arranged through hotels, travel agencies, or online booking services.
- Offers a safe and convenient door-to-door transfer.

5. Grab (Ride-Hailing App)

- Similar to Uber or Kakao T.
- Fixed fare shown in advance with driver information.
- Recommended for destinations outside central Nha Trang to avoid fare negotiation and overcharging.

Travel time: **~50 minutes**



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