Taipei101
Taipei 101 is a super skyscraper that has a mall, a high-speed elevator, and an observatory deck to view the city.

ISIITA 2025

PROGRAM

Taipei, Taiwan, Shih Chien University Taipei Campus
February 10 ~ 13, 2025

International Symposium on Innovation in Information Technology and Application

WELCOME ADDRESS

Welcome to the 2025 International Symposium on Innovation in Information Technology and Application. A sincere welcome awaits all visitors.

As we entered the 21st century, the rapid growth of information technology has changed our lives more conveniently than we have ever speculated.

Recently in all fields of industry, heterogeneous technologies have converged with information technology resulting in a new paradigm, IT convergence, and people have been breaking the limit and finding other possibilities of IT research and development through converging with various industries and technologies.

The goal of this conference is to discover a new progressive technology by upgrading the previous technologies and to solve the technical problems that may have occurred in the process of converging technology in various fields of industry.

The International Symposium Innovation in Information Technology Application (ISIITA) 2025, the world's premier networking forum of leading researchers in the highly active fields of information technology application, will be held in Taiwan, Taipei. The ISIITA 2025 will include oral and poster sessions as well as tutorials given by experts in state-of-the-art topics.

IT experts, researchers, and practitioners from each field are invited to share ideas and research technologies; moreover, encouraged to cooperate with each other to overcome the confronted technical problems. As a result, this conference will become a place of knowledge where a variety of effects can be created.

We are proud to invite you to Taipei, Taiwan, which is a perfect setting for the Conference. We truly hope that you will have a technically rewarding experience as well as some memorable experiences in Taipei, Taiwan.

It is our hope that you're participating in ISIITA 2025 will be a rewarding experience and that you will get a chance to meet other colleagues working in the exciting area of industrial information systems. We are all looking forward to seeing you in Taipei, Taiwan.

A sincere welcome awaits all visitors at the conference.

Sang Hyuk LEE
General Chair
New Uzbekistan University, Uzbekistan

COMMITTEE

General Chair	Sang Hyuk LEE (New Uzbekistan University, Uzbekistan)
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Conference Secretaries	Hyung Gyu Lee (Duksung Women's University, Korea) Kyung-Ki Kim (Daegu University, Korea)

PROGRAM AT A GLANCE

Shih Chien University,
L Building (ADMINISTRATION & TEACHING BUILDING) 3F, Room L307, L310

Time	Event
Feb. 10 | 2025	
13:30~15:15	SIG Meeting I
15:15~15:35	Coffee Break
15:35~16:35	SIG Meeting II
Feb. 11 | 2025	
08:30~09:00	Registration
09:00~09:20	Opening Ceremony (Room: L310)
09:20~10:10	Keynote I (Room: L310)
10:10~10:30	Coffee Break
10:30~12:00	Session 1 (Room: L310)
12:00~13:00	Special Lunch Time (All together)
13:00~14:10	Session 2 (Posters & Capstone) **(Room: L310)**
14:10~14:30	Coffee Break
14:30~16:00	**(Room: L310)** Session 3 | Session 4 **(Room: L307)**
16:00~16:20	Coffee Break
16:20~17:50	**(Room: L307)** Session 5 | Session 6 **(Room: L310)**
Feb.12 | 2025	
09:00~10:30	Session 7 **(Room: L310)**
10:30~10:50	Coffee Break
10:50~12:20	**(Room: L310)** Session 8 | Session 9 (Video)
13:30~14:40	Special Meeting 1: AI Research Group Meeting*
	Special Meeting 2: Smart Factory Research Group Meeting*
15:00~16:00	Special Meeting 3: Energy Technology Research Group Meeting*
	Special Meeting 4: MIS Research Group Meeting*
Feb. 13 | 2025	
09:00~11:00	Interactive Networking
11:00~11:30	Committee Meeting
* Note that all special meetings are closed sessions and not open to general registrants.	

TECHNICAL PROGRAM

Feb. 10	2025
Time	**Content**
13:30 ~	SIG Meeting I
15:15 ~	Coffee Break
15:35 ~	SIG Meeting II

Feb. 11	2025	
Time	**Content**	
08:30 ~	Registration	
09:00 ~	Opening Ceremony (General Chair, Shih Chien University)	
09:20 ~	Keynote I (Dr. Shang-Pin Ma, National Taiwan Ocean University) Chair: Miran Lee (Daegu Univ.)	
10:10 ~	Coffee Break	
10:30 ~	Session 1: Smart Technologies and Data-Driven Innovations (Room: L310) Chair: Miran Lee (Daegu Univ.)	
	1S-1 [015]	**Integrated Elevator Control System with OTS and Robotic Arm for Inter-Floor Transfer Robot** *Kyungmin Jung[1] and Hyunki Lee[2*]* *1) Department of Interdisciplinary Engineering, DGIST, 333 Techno jungang-daero, Daegu 42988, Korea* *2) Division of Intelligent Robotics, DGIST, 333 Techno jungang-daero, Daegu 42988, Korea*
	1S-2 [019]	**Understanding NFT Prices through Word Embeddings: A Case Study of BAYC** *Lee Geun-Cheol[1], Hoon-Young Koo[2], and Heejung Lee[3*]* *1) College of Business Administration, Konkuk University, Seoul 05029, Korea* *2) School of Business, Chungnam National University, Daejeon 34134, Korea* *3) School of Interdisciplinary Industrial Studies, Hanyang University, Seoul 04763, Korea*
	1S-3 [021]	**Descriptive Analytics of Space Debris: Trends and Insights from Satellite Catalog Data** *P.C. Sridevi[1] and T.Velmurugan[2*]* *1) Research Scholar, PG and Research Department of Computer Science* *2) Associate Professor, PG and Research Department of Computer Science* * Dwaraka Doss Goverdhan Doss Vaishnav College, Chennai-600106, India*
	1S-4 [030]	**Predicting YouTube Views through an Integrated Approach of Automated Retraining and Thumbnail Visual Impact Analysis** *Tsolmon Narangerel[1] and Yoosoo Oh [2*]* *1) School of Computer and Information Engineering, Daegu University, 38455, Korea* *2) School of Computer and Information Engineering, Daegu University, 38455, Korea*

	1S-5 [034]	**Energy Optimization for University Buildings Timetable Scheduling Considering Thermal loading on HVAC** *Dina Dahy[1] , Adel Ahmed[2] , M. Nayel[2], and Wael Ahmed[2]* *1) Assiut and New Valley Company for water and wastewater Assiut, Egypt* *2) Dept. of Electrical Engineering Faculty of Engineering, Assiut University, Assiut, Egypt*
	1S-6 [048]	**Comparative Analysis of Deep Learning Architectures for Meat Freshness Classification** *Fernando Quiroz, Jr. [1*], Robert Roxas[2], Edison Ralar [3]* *1) School of Tech. and Computer Studies. Biliran Province State University, Philippines* *2) College of Science. University of the Philippines Cebu, Philippines* *3) School of Tech. and Computer Studies. Biliran Province State University, Philippines*
12:00 ~		Lunch
13:00~		**Session 2: Interactive Posters (Room: L310)** Chairs: Hyung Gyu Lee (Duksung Women's Univ.) and Hyun Duk Kim (DGIST)
	2S-1 [003]	**A Study on PI Gain Control Method for Real-Time Optimization of Current Response in MR Dampers** *Si-Uk Jung[1] , Sung-Hyun Park[2] , Byeong-Hwa Lee[2] and Jae-Woo Jung[1*]* *1) Dept. of Electronic Engineering, Daegu University, Gyeongsan 38453, South Korea* *2) Daegu-Gyeongbuk Division, Korea Automotive Technology Institute, Daegu 43011, South Korea*
	2S-2 [006]	**Remote Heart Rate Estimation using RGB-NIR Fusion** *Hyunduk Kim[1] , Sang-Heon Lee[1], Myoung-Kyu Sohn[1], and Junkwang Kim[1]* *1) Division of Automotive Technology, DGIST, Daegu, Republic of Korea*
	2S-3 [007]	**Low Power MUSIC Algorithm based MIMO Image FMCW Radar Techniques** *Bong-seok Kim[1] , Jonghun Lee[2] and Sangdong Kim[2*]* *1) Division of Automotive Technology, DGIST, Daegu, South Korea* *2) Division of Automotive Technology and the Department of Interdisciplinary Engineering, DGIST, Daegu, South Korea*
	2S-4 [022]	**Design of a Malicious Email Analyzer with Rule-based Detection and Three-step Process** *Jieun Choi[1] and Yongho Choi[2*]* *1) Dept. of Police Administration, Daegu University, Gyeongsan-si, Gyeongsangbuk-do 38453, Republic of Korea* *2) Dept. of Computer & Information Engineering, Daegu University, Gyeongsan-si, Gyeongsangbuk-do 38453, Republic of Korea*
	2S-5 [044]	**Design of Upper/Lower System with Automatic Height Control for CNC Gas Cutting** *Jun-Yeop Lee[1] , Thanh-Binh Nguyen[1] , and Byeong-Soo Go[2]* *1) Dept. of Electric Engineering, Changwon National University, Changwon, Republic of Korea* *2) Institute of Mechatronics, Changwon National University, Changwon, Republic of Korea*
	2S-6 [064]	**Improving Driving Control Accuracy of Autonomous Vehicles Based on CNNs** *Youjin Park[1], Sojung Kim[1], and Hyung Gyu Lee[1]* *1) Dept of Software, Duksung Women's University, Seoul, Republic of Korea*
	2S-7 [001]	**Remote Configuration of ADR parameters for End-Devices Using the RFU Field in LoRaWAN Packets** *Won-jae Lee[1] and Seand Seong-eun Yoo[1*]* *1) Dept. of Artificial Intelligence, Daegu University, Gyeongsan-si, Gyeongsangbuk-do 38453, Korea*

14:30~		**Session 3: Machine Learning and Applications (Room: L310)** Chair: Lee Hyungi (DGIST) and Moon Kean Kim (Oslo Metropolitan Univ.)
	3S-1 [011]	**Factors Influencing the Transition to a New Learning Management System: Focusing on Collaboration with the International Atomic Energy Agency(IAEA)** *Hyeon-Jin Kim[1], Kyoung-Pyo Kim[2], and Ik Jeong[2*]* *1) Nuclear Training and Education Center, Korea Atomic Energy Research Institute, Daejeon, Republic of Korea* *2) SMART Technology Development Division, Korea Atomic Energy Research Institute, Daejeon, Republic of Korea*
	3S-2 [016]	**Real-time Surgical Navigation Framework Using Integrated Machine Vision and Stereo Vision** *Mingang Jang[1] and Hyunki Lee[2*]* *1) Department of Interdisciplinary Engineering, DGIST, 333 Techno jungang-daero, Daegu 42988, Korea* *2) Division of Intelligent Robotics, DGIST, 333 Techno jungang-daero, Daegu 42988, Korea*
	3S-3 [027]	**Development of Artificial Intelligence-Predicted Multi-Antigen Fusion Vaccine and Immunological Characterization** *Ki Bum Ahn[1], Kyoung-Pyo Kim[2] and Ho Seong Seo[1*]* *1) Cyclotron Applied Research Section, Korea Atomic Energy Research Institute, Jeongeup 56212, Republic of Korea.* *2) SMART Technology Development Division, Korea Atomic Energy Research Institute, Daejeon 34057 Republic of Korea*
	3S-4 [035]	**Research Study on Forest Fire Prediction System Using KNN** *Dr.N.M Sangeetha[1], Sathya Seelan S.A[1], and Sanjay S[1]* *1) Department of Computer Science (UG&PG) Dwaraka Doss Goverdhan Doss Vaishanav College, Chennai, TN, India*
	3S-5 [033]	**Review of Data Normalization Techniques for Building Energy Predictions** *Moon Keun Kim[1*]* *1) Dept. of Built Environment, Oslo Metropolitan University, Oslo N-0130, Norway*
	3S-6 [036]	**Surveys on the Stylus Technologies for Capacitive-Type Touch Systems** *Jae-Sung An[1]* *1) Sony Europe Design Center, Sony Semiconductor Solution, Norway*
14:30~		**Session 4: Management Information (Room: L307)** Chair: Min Ho Ryu (Dong-A Univ.)
	4S-1 [005]	**The Impact of Generational Harmony on Retail Activation: Focused on Seoul** *GeonYul Shin[1], Min Ho Ryu[1]* *1) Dept. of Management Information System, Dong-A University, 255 Gudeok-ro, Busan 49236, Korea*
	4S-2 [020]	**Passenger Demand Forecasting at Singapore's Changi Airport in Post Pandemic Era** *Lee Geun-Cheol[1], Heejung Lee[2] and Hoon-Young Koo[3*]* *1) College of Business Administration, Konkuk University, Seoul 05029, Korea* *2) School of Business, Chungnam National University, Daejeon 34134, Korea* *3) School of Interdisciplinary Industrial Studies, Hanyang University, Seoul 04763, Korea*
	4S-3 [060]	**GymViet: AI-Driven Fitness Assistance Platform** *Doan-Duc Pham[1], Van-Nhien Ho[1], Minh-Tuan Pham[1], Minh-Thi L. Pham[1], Quoc-Vi Dam[1], Duc-Man Nguyen[1]* *1) International School of Duy Tan University, 550000, Da Nang, Vietnam.*

	4S-4 [061]	**Ve-Amor: AI enhance Dating Application** *Long-Phan Hoang[1], Bao-Gia Nguyen[1], Thanh-Mai Van[1], Khai-Nhat Nguyen[1], Trong-Thanh Nguyen[1]* *1) International School, Duy Tan University, 550000, Da Nang, Vietnam.*
	4S-5 [062]	**DanaHub: A Smart Solution for Urban Traffic and Flood Management in Metropolitan Areas** *Phuoc-Tinh V. Le[1], Dinh-Hiep Tran[1], Viet-Minh Tran[1], Minh Phu-Nguyen[1], Duc-Man Nguyen[1]* *1) International School, Duy Tan University, 550000, Da Nang, Vietnam.*
	4S-6 [025]	**Building the Future: Cloud Computing and IoT in Urban Development** *S. Sivaranjani[1] and R. Anandhi[2]* *1) Assistant Professor, PG Department of Information Technology and BCA, Dwaraka Doss Goverdhan Doss Vaishnav College, Chennai, India.* *2) Assistant Professor, PG and Research Department of Computer Applications (MCA), Dwaraka Doss Goverdhan Doss Vaishnav College, Chennai, India.*
16:00 ~		**Session 5: AI and Data Technologies (Room: L307)** Chair: T. Velmurugan (Dwaraka Doss Goverdhan Doss Vaishnav College) Hyung Gyu Lee (Duksung Women's Univ.)
	5S-1 [008]	**Sentiment Analysis of Musical Instruments Customer Reviews Using Machine Learning Techniques with Novel Hybrid Approach** *T.Velmurugan[1] and M. Archana[2]* *1) PG & Research Department of Computer Science, 2PG Department of IT & BCA* *2) Dwaraka Doss Goverdhan Doss Vaishnav College, Chennai, India*
	5S-2 [009]	**Enhancing Mobile Data Security and Privacy: A Spotlight on Cloud Solutions** *K. Ramya[1], R. Anandhi[2]* *1) PG Department of Information Technology and BCA, Dwaraka Doss Goverdhan Doss Vaishnav College, Chennai, India.* *2) PG and Research Department of Computer Applications (MCA), Dwaraka Doss Goverdhan Doss Vaishnav College, Chennai, India*
	5S-3 [010]	**Facial Expression Analysis for Emotion Detection Using Convolutional Neural Networks** *Vikas Jangra[1*] and Sumeet Gill [1]* *1) Department of Mathematics, M.D. University Rohtak, India*
	5S-4 [013]	**Hyperspectral Imaging-Based Tumor Segmentation Using K-Means Clustering and Morphological Analysis** *Diviya K and Radhakrishnan Palanikumar* *PG& Research Department of Computer Science, DonBosco College(Co-Ed), Guezou Nagar, YelagiriHills, Tamilnadu-635854. (Affiliated to Thiruvalluvar University),India*
	5S-5 [[018]	**Conspiracy of Shadows: a Story-Driven Game Design and Immersive Player Engagement** *Dr.Girija M S.[1], Keerthi S.[1], Harshini S V.[1], Rithuna V.[1]* *1) Dept. of Computer Science and Design, R.M.K. Engineering College, Chennai, India.*
	5S-6 [046]	**The Price of Convenience: Empirical Runtime Study on Type Casting Across Programming Paradigms** *Ashton Curry[1], Rane Murphy[1], Ka Lok Man[2], Yuxuan Zhao[3], and Kamran Siddique[1]* *1) Dept. of Computer Science and Engineering, University of Alaska Anchorage* *2) Department of Computing, School of Advanced Technology, Xi'an Jiaotong-Liverpool University* *3) School of AI and Advanced Computing, Xi'an Jiaotong-Liverpool University*

16:00 ~	**Session 6: Machine Learning (ROOM: L310)** Chair: Sanghyuk Lee (New Uzbekistan University) and Jae-Woo Jung (Daegu Univ.)
	6S-1 [041] **Design of a Dynamic Simulation Platform for Verifying Unloading Automation Algorithms in Grab Type Ship Unloader** *Ga-Eun Jung[1], Jae-In Lee[1], and Seok-Ju Lee[2], and Chang-Uk Kim[3]* *1) Dept. of Electrical Engineering, Changwon National University, Changwon 51140, Republic of Korea* *2) Industry-University Cooperation Foundation, Changwon National University, Changwon 51140, Republic of Korea* *3) R&D Center, S-Material Handling Co., Ltd., Changwon 51395, Republic of Korea*
	6S-2 [056] **Machine Learning (ML) Approach Utilizing FTIR Spectroscopy Data for Accurate and Efficient Identification of Chemical Functional Groups** *Otabek Atabayev and Babaa Mouley Rashid* *1) New Uzbekistan University*
	6S-3 [057] **Granular Computing on Brain Signals using Fuzzy Logic and Pattern Recognition** *Dilnoza Saydametova, Shahboz Safoev, Dilnoza Raxmatullaeva, Komilakhon Nodirbekova, and Khumoyun Aminaddinov* *1) New Uzbekistan University*
	6S-4 [058] **Light-weight Visualization of Computational Fluid Dynamics** *Abdukhakimov Kurbon Erkinovich, Elmurod Erkinov, Mukhiddin Abduazimov, Rukhsora Toirova, and Sanghyuk Lee* *1) New Uzbekistan University*
	6S-5 [059] **ChatBot for Documentation Analysis** *Nurislombek Mahkamjonkhojizoda, Ahborkhuja Yodgorov, Marjona Rakhmatullayeva, Sirojiddin Usmonov, Nurbek Khujaev, Azimjon Alijonov, Azizbek Adkhamjonov, and Khumoyun Aminaddinov* *1) New Uzbekistan University*
	6S-6 [055] **Multi-criteria Decision Making using Kullback-Leibler Divergence** *Sarvarbek Azimjonov, Adil Raziev, Nursultan Duysenbaev, Abdulloh Eshonkhonov, Tokhirjon Akhmedjanov, Sanghyuk Lee* *1) New Uzbekistan University*
	6S-7 [042] **Design of the Frequency-Dependent DC Line Models for Transient Simulation of MVDC Distribution Networks** *Nam-Gi Park[1], Jae-In Lee[2], Seok-Ju Lee[2], and Minh-Chau Dinh[2*]* *1) Dept. of Electrical Engineering, Changwon National University, Changwon, Republic of Korea* *2) Institute of Mechatronics, Changwon National University, Changwon, Republic of Korea*

Feb. 12 | 2025	
Time	**Content**
09:00~	Session 7: Data-Driven Models and Deep Learning Applications (Room: L310) Chair: Jonghun Lee (DGIST) and Sang Suh (East Texas A&M University)

	7S-1 [002]	**Data-Driven Surrogate Model for Predicting 2D Assembly-wise Power Distribution Changes** *Jung-seok Kwon[1], Tongkyu Park[1*], Sung-kyun Zee[1]* *1)Nuclear Computational Science Group, FNC Technology, Yongin-si, Gyeonggi-do, Korea*
	7S-2 [012]	**Vehicle Recognition and Speed Monitoring System using YOLOv9** *Sang Suh[1] and Bilal Mushtaq[1]* *1) Department of Computer Science, East Texas A&M University, U.S.A.*
	7S-3 [023]	**Understanding Foot Gesture Recognition Mechanisms Based on a Low-Cost Radar and Deep Learning Models for Human Detection** *Seungeon Song[1], Bongseok Kim[1], Sangdong Kim[1,2], and Jonghun Lee[1,2*]* *1) Division of Automotive Technology, Research Institute, DGIST, Dalseong-gun, Daegu, Korea* *2) Department of Interdisciplinary Engineering, Graduate School, DGIST, Dalseong-gun, Daegu, Korea*
	7S-4 [026]	**Ensemble Approach Towards Heuristic Features on Deep Learning Algorithms for Coronary Artery Disease Prediction and Drug Recommendations** *Sang Suh[1], Lakshmi Kiranmai Reddy Voggu[1], Venkata Sai Jaswanth Kumar Vellanki[1], Bhavya Muthineni[1], Ravin Timalsina[1]* *1) Department of Computer Science, East Texas A&M University, U.S.A.*
	7S-5 [038]	**Impact of Noise on GPR Signal Processing and Comparative Analysis of Denoising Filters** *Gyeongtaeg Yang[1], Seungeon Song[2], and Jonghun Lee[1*,2]* *1) Dept. of Interdisciplinary Engineering, Graduate school, DGIST, Daegu, 42988, Korea* *2) Institute of Research, DGIST, Daegu, 42988, Korea*
	7S-6 [039]	**Analysis of the recent ICT curriculum of Trade schools in D City** *Seung Kwang Ryu[1], Jae Hyun Lee[2], and Jeong Tak Ryu[3*]* *1) Graduate School of Smart Convergence Systems Engineering, Daegu University, Korea* *2) Department of Mechanical and Automotive Engineering, College of Engineering, Daegu University, Korea* *3) Department of Electronic Engineering, College of Information and Communication Engineering, Daegu University, Korea*
10:30~		Coffee Break
10:50 ~		**Session 8: AI-based system design (Room: L310)** **Chair: Yoosoo Oh (Daegu University)**
	8S-1 [014]	**Performance Improvement of Worker Detection Systems Through ROI-Based Image Post-Processing Filters** *Rock Hyun Choi[1] and Hyunki Lee[1*]* *1) Division of Intelligent Robotics, DGIST, Daegu, 42988, South Korea*
	8S-2 [028]	**LangChain and RAG-Based Q&A System for University Policies** *In-Hye Park[1], Min-Jeong Kim[1] and Kyung-Ae Cha[1]* *1) Dept. of Artificial Intelligence, Daegu University, Gyeongsan 38453, Korea*
	8S-3 [029]	**AI Assistant System for Fault Ratio Analysis Using Traffic Accident Data** *Young-Jun Kim[1], In-Hye Park[1], Min-Jeong Kim[1] and Kyung-Ae Cha* *1) Dept. of Artificial Intelligence, Daegu University, Gyeongsan-si, Korea*

	8S-4 [031]	**Airport Baggage Loading Based on Boarding Check-in Priority Using CNN-PPO** *YunSeo Choi[1] and Yoosoo Oh [2,*]* *1) School of AI, Daegu University, Daegu 38455, Korea* *2) School of Computer and Information Engineering, Daegu University, Daegu 38455, Korea*
	8S-5 [032]	**Design of a Chatbot System that Provides Korean Legal Advice for Assault Victims** *Hyori Kim[1] and Yoosoo Oh [2,*]* *1)School of Computer and Information Engineering, Daegu University, Daegu, South Korea*
10:50 ~	\\	**Session 9: Intelligent Methods, and Innovations in Energy Management** Chair: Jong Tak Ryu (Daegu Univ.)
	9S-1 [017]	**A Comparative Study on Analyzing Neural Network Models for Detecting Network Anomalies Using a Tabular Dataset** *Kiko Onishi[1] , Aryan Shah[1], and Donghwoon Kwon[1*]* *1) Dept. of Computer Science and Engineering, North Central College, Naperville, IL 60540, USA*
	9S-2 [024]	**Development of an Efficient and Stable Numerical Scheme** *Seoungejae Lee[1] and Yongho Choi[2*]* *1) Dept. of IT Convergence Engineering, Daegu University, Gyeongsan-si, Gyeonsangbuk-do 38453, Korea* *2) Dept. of Computer & Information Engineering, Daegu University, Gyeongsan-si, Gyeonsangbuk-do 38453, Korea*
	9S-3 [043]	**Advanced Battery Management Method For Energy-Transportation Network** *Bharath.M[1] and Gomathi.E[1]* *1) Department of Petrochemical Technology, University College of Engineering- BIT Campus, Anna University, Trichy*
	9S-4 [040]	**Design of a System to Prevent Elopement Behavior for Students with Developmental Disabilities** *Woosoon Jung[1] , KyoungOck Park[2], and Jeong Tak Ryu[3*]* *1) Institute of Special Education & Rehabilitation Science, Daegu University, Gyeongsan-si, 38453, Korea* *2) Dept. of Elementary Special Education, Daegu University, Gyeongsan-si, 38453, Korea* *3) Dept. of Electronic and Electrical Engineering, Daegu University, Gyeongsan-si, 38453, Korea*
	9S-5 [037]	**Study on Current, Voltage, and Torque Measurement Systems for Quality Inspection of Induction Motors** *Seung Kwang Ryu[1] , Byung Seop, Song[2] , Jeong Tak Ryu[3*]* *1) Graduate School of Smart Convergence Systems Engineering, Daegu University, Korea* *2) Department of Medical Rehabilitation, Daegu University, Korea* *3) Department of Electric Engineering, Daegu University, Gyeongsan 38453, Republic of Korea*
	9S-6 [047]	**Development of Simulated Neutron Signal Generation Algorithm for Small Modular Reactor** *Daeil Lee[1], Joon-ku Lee[1], Kwang-il Jeong[1]and Hyeong-seok Eun[1]* *1) Korea Atomic Energy Research Institute, Daejeon, 34057, Republic of Korea*
		Special Research Meetings (closed sessions) Chair: Hyung Gyu Lee (Duksung Women's Univ.)
13:30 ~		Special Meeting 1: AI Research Group Meeting
		Special Meeting 2: Smart Factory Research Group Meeting

| 15:00 ~ | Special Meeting 3: Energy Technology Research Group Meeting |
| | Special Meeting 4: MIS Research Group Meeting |

Feb. 13 | 2025	
Time	**Content**
09:00 ~	Interactive Network
11:00 ~	Committee Meeting
11:30 ~	Closing

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Shih Chien University

大直街124巷 Ln. 124, Dazhi Street

I

J

E

游泳池
Swimming Pool

F

D

揚風廣場
Yangfeng Square

道明外僑學校
Dominican International School

網球場
Tennis Court

G

C

草坪
Lawn

N

NB

道明外僑學校
Dominican International School

M

B

石板屋
The stone slab house

大直街
Dazhi Street

K

L

草坪
Lawn

H

大直街 Dazhi Street

崇實路 Chongshi Road

Conference Venue

A

P
停車場入口
Parking Entrance

培英公園
Peiying Park

3F Classroom L307 and L310