IEA/AIE 2025

The 38th International Conference on Industrial, Engineering & Other Applications of Applied Intelligent Systems

Conference Program

Kitakyushu, Japan

https://www.i-somet.org/iea-aie2025/index.html

All times are according to Japan Standard Time (JST), UTC +9

Each symbol represents (Paper ID)-(Category)

Yellow is for North America; Green is of European, no colour is Asian.

Regular papers: 25 min presentation and 5 min questions Short papers: 15 min presentation and 5 min questions

Meaning of Paper ID-Symbol

Symbol	Session (Category)
А	Reinforcement Learning
В	Optimization
С	Natural Language Processing
D	Multi-Agent
E	Machine Learning and Decision Making
F	Knowledge Representation
G	Data Engineering
н	Large Language Model
I	Computer Vision
J	Robotics
К	Education
L	Cyber Security
М	Healthcare and Medical Applications
N	Advanced Applied Intelligence Methodologies and Applications (AAIMA)
0	Intelligent Systems and e-Applications (iSeA)
Р	Industrial and Engineering Applications

July 1st, Tuesday, 2025

Japan standard time (JST) AM 9:00-9:30 REGISTRATION

< Room A>

9:30-10:00 Opening

Official announcement for the IEA/AIE2026 in Kuala Lumpur (Malaysia)

Prof. Nurulakmar Abu Husain, University Teknologi Malaysia (UTM), Dean of Malaysia Japan International Institute of Technology (MJIIT),

10:00-11:00 Keynote Speech 1

"About Responsible Artificial Intelligence Systems" Prof. Enrique Herrera-Viedma, University of Granada, Spain

11:00-11:30 COFFEE BREAK

11:30-12:30

14-O Improving University Quality from Student Feedback with Sentiment Analysis
Thai-Nghe Nguyen (Can Tho University)*; Ba-Hung Ngo; Cam-Nhung Mai-Thi
96-P Beyond Air Pollution Prediction: A Step to Pollution Pattern Discovery With A Novel Binary Neuro-symbolic AI Framework
Hareesh Kumar yerragolla (University of Aizu)*; Vanitha Kattumuri; Uday RAGE

12:30-14:00 LUNCH BREAK

14:00-15:30

Session Chair: Prof. Binh Nguyen

81-0 Multimodal Sarcasm Detection On Vietnamese Social Media

Minh Nhu Vu; Yen Nhi Nguyen Hoang; Tram Phan; Binh Nguyen

(University of Science, Vietnam National University Ho Chi Minh City, Vietnam)*

101-O A Hybrid Knowledge-Based and Machine Learning Approach for Financial Health Prediction in Small and Medium-sized Enterprises

Hien Nguyen (University of Information Technology, VNU-HCM); Sang Vu; Uyen Pham; Dung Dinh; Diem Nguyen* **115-O** Enhancing Ransomware Detection Using Deep Learning Models

Ali Selamat; Ras Elisa Harzie (Universiti Teknologi Malaysia)*; Ondrej Krejcar; Hamido Fujita; Quang Do Nguyet

15:30-16:00 COFFEE BREAK

16:00-17:30

Session Chair: Prof. Yutaka Watanobe

121-O CAGN-GAT Fusion: A Hybrid Contrastive Attentive Graph Neural Network for Network Intrusion Detection *Md Abrar Jahin; Shahriar Soudeep; M. F. Mridha; Raihan Kabir; Dr. Md. Rashedul Islam (University of Asia Pacific)** **Short Paper 93-O** Fine-grained WEEE Product Retrieval Using Hybrid Search and Re-ranking *Vibela Obsump (University of Brinktan)*: Kurger Neuron*

Ajibola Obayemi (University of Brighton)*; Khuong Nguyen

114-A A reinforcement learning based framework to the facility layout problem

Lukas Rißmann (University of Applied Sciences Landshut)*; Sebastian Meißner

< Room B>

11:30-12:30

52-F Automating OntoClean Ontology Verification Shathika Kularatne (University of South Australia)*; Wolfgang Mayer; Markus Stumptner **Short Paper 53-F** Automating OntoClean - Subsumption Hierarchy Construction Shathika Kularatne (University of South Australia)*; Wolfgang Mayer; Markus Stumptner

Session Chair: Prof. Yutaka Watanobe

Session Chair: Prof. Thai-Nghe Nguyen

Session Chair: Prof. Hamido Fujita

Session

ו B>

Session Chair: Prof. Markus Stumptner

12:30-14:00 LUNCH BREAK

14:00-15:30

Session Chair: Dr. Churn-Jung Liau

Short Paper 56-F Possibilistic Reasoning with Fuzzy Formal Contexts: An Extended Abstract *Churn-Jung Liau (Academia Sinica)**

111-F A Strategy for Implementing Garbage Detection in Ontology Completion using Description Logics Teeradaj Racharak (Japan Advanced Institute of Science and Technology)*; Chavakan Yimmark
 104-B Optimizing Feature Selection Binary Peacock Algorithm with improved movement strategy Hema Banati; Asha Yadav (School of Open Learning, University of Delhi)*

15:30-16:00 COFFEE BREAK

16:00-17:30

Session Chair: Dr. Liwen Zhang

16-B Domain Generalization through Domain-Expert Risk Assessment Jinyong Jeong; Hyungu Kahng; Seoung Bum Kim (Korea University)*
35-B Enhanced Optimization Space Learning: Towards Real-Time Compiler Optimization Damian Garber (Graz University of Technology)*; Sebastian Lubos; Viet-Man Le ; Alexander Felfernig
11-B Bayesian Optimization for Fine-Tuning an AI Solver: Application to Preventive Maintenance Scheduling Problems

Liwen Zhang (Berger-Levrault)*; Youness Chetouan; Sara Maqrot; Kevin Ducharlet; Houssem Saidi

< Room C>

11:30-12:30

Session Chair: Prof. Jun Sasaki

Session Chair: Prof. Jun Sasaki

26-E Bridging the Trust Gap: Leveraging Explainable AI for Personalized E-Commerce Recommendations Gumma Sougandhika (IIITDM Kurnool)*; Hari Sai Ganesh Sanjammagari; Srinivasa Desikan K E
 40-E A clustering method based on hesitant difference granularity Yu Fu; Anna Wu; Yimin Dai; Bin Yu (Hunan Normal University)*

12:30-14:00 LUNCH BREAK

14:00-15:30

5-C Apply TF-IDF and LDA to Explore Topics and Related Trends in Electric Vehicle Reviews Wei Ming Lee; Ming Shien Cheng (Ming Chi University of Technology, Department of Industrial Engineering and Management)*; Min Che Chen; Ping Yu Hsu; YI CHIN CHEN

8-C Identifying Fake Reviews and Their Implications Using BERT and LDA: A Case Study of Online Shopping Website Reviews

Yung Ching Li; Ming Shien Cheng (Ming Chi University of Technology, Department of Industrial Engineering and Management)*; Wei Hsiang Hsu; Ping Yu Hsu; YI CHIN CHEN

45-C A Lightweight and Efficient Punctuation and Word Casing Prediction Model for On-Device Streaming ASR Jian You (Cisco Systems)*

15:30-16:00 COFFEE BREAK

16:00-17:30

Session Chair: Prof Mats Danielson

82-G Fast HSIC-based tests for random processes
Antonin Arsac (CEA)*; Gabriel Sarazin ; Aurore Lomet; Jean-Philippe Poli
15-E Distribution Variance for Surrogate Weights in Multi-Criteria Decision Analysis
Sebastian Lakmayer; Mats Danielson (Stockholm University)*
73-E Evaluation of Efficient AI for the Edge: Insights from Deep Neural Networks Model Compression Techniques
Applied to Occupancy Detection
Mina Basirat; Franz Wotawa (TU Graz)*

July 2nd, Wednesday, 2025

Japan standard time (JST) AM. 9:00-9:30 REGISTRATION

< Room A>

9:30-11:00

Session Chair: Prof. Chia-Li Lin

Short paper 6-P Using Meta-Learning to Predict Work-in-Progress: An Approach for Small Datasets
 Yousef Mehrdad Bibalan (University of Calgary)*; Behrouz Far; Bahareh Ghiyasian; Mohammad Moshirpour
 78-P Establishing the subscription service strategies for digital music services using the DAA-NRM approach
 Chia-Li Lin (Ming Chuan University)*; Chen-Yu Chen; Kana Taira

Short paper 83-P Development and Performance Evaluation of a Wiring Safety Detector for Electrical Sockets in Buildings

Yu-Hong Chen; Daniel Wu; Chin-Shiuh Shieh; Chun-Chih Lo; Mong-Fong Horng (National Kaohsiung University of Science ans Technology)*

11:00-11:30 COFFEE BREAK

11:30-12:30

Session Chair: Prof. Jun Sasaki

72-O Fusion in Multimodal Sentiment Analysis: A Review of Approaches and Challenges *Nurulhuda Zainuddin (UiTM)**

123-P A Dual-Agent Framework for Condition-Based Maintenance of Production Systems Linsheng Guo; Yuanyuan Li (Shanghai University of Engineering Science)*; Xun Zhu; Bo Huang; Zhijun Fang

12:30-14:00 LUNCH BREAK

14:00-15:30

Session Chair: Prof. Jun Sasaki

124-P MST-SGAN-KGQA: An Approach for Industrial Knowledge Graph Quality Assessment Xun Zhu; Yuanyuan Li (Shanghai University of Engineering Science)*; Linsheng Guo; Bo Huang; Zhijun Fang
125-P Adversarial Learning Based Error Detection for Industrial Knowledge Graphs Xun Zhu; Yuanyuan Li (Shanghai University of Engineering Science)*; Linsheng Guo; Bo Huang; Zhijun Fang
84-N Effective Virtual Force Estimation with Semi-Parametric Joint Friction Compensation for Robot Manipulators Bo-Ru Tseng (National Yang Ming Chiao Tung University)*; Ching-Hung Lee

15:30-16:00 COFFEE BREAK

16:00-17:00 Keynote Speech 2

Session Chair: Prof. Hamido Fujita

"AI in Software Engineering: Productivity Gains Ahead?"

Prof. Volker Gruhn, Universität Duisburg-Essen, Germany

17:10-18:10 Bus tour

18:30-20:30 Banquet

< Room B>

9:30-11:00

Session Chair: Dr. Ahmed Missaoui

23-A An Enhanced Preference-Based Reinforcement Learning Framework for Autonomous System *Dake Ding (The University of Aizu)*; Kabir Raihan; Nnadi Leonard Chukwualuka* **32-A** Reinforcement Learning based Iterated Greedy for Parallel Machine Scheduling with Weighted Earliness Tardiness

Ahmed Missaoui (University college Cork)*; Barry O'Sullivan

44-A VMD-IMF Enhanced Hyper Graph Attention Module Based Reinforcement Learning For Portfolio Optimization *Neeli Siva (Indian Institute of Information Technology Design and Manufacturing Kurnool)*; K E Srinivasa Desikan*

11:00-11:30 COFFEE BREAK

11:30-12:30

Session Chair: Prof. Yutaka Watanobe

30-K Interpretable Machine Learning for Predicting and Explaining Code Submission Outcomes in an Online Judge System

Leonard Nnadi (The University of Aizu)*; Dake Ding; Daniel Muepu; Md Faizul Ibne Amin; Kabir Raihan; Yutaka Watanobe

71-K Teaching Practices and Effectiveness Assessment of AI Courses Assisted by Large Language Models *Shih-Chuan Chang; Yung-Chun Chang (Taipei Medical University)**

12:30-14:00 LUNCH BREAK

14:00-15:30

Session Chair: Prof. Chin-Yu Sun

22-L A Self-Adaptive Multi-Modal Cyber Threat Intelligence Framework for Securing Industrial Communication Networks

Deepika Saxena (University of Aizu)*; Randima Nimantha

54-L RANsomCheck: A CNN-Transformer Model for Malware Detection Based on API Call Sequences Sheng-Shan Chen; Yi-Xuan Wu; Ying-Xuan Ho; Pang-Po Cheng; Chin-Yu Sun (National Taipei University of Technology)*

109-L A Comprehensive Survey of Cryptography Key Management in Decentralized Identity Ecosystem *Geun-Hyung Kim (Dong-eui University)**

15:30-16:00 COFFEE BREAK

16:00-17:00 Keynote Speech 2 (RoomA)

17:10-18:10 Bus tour

18:30-20:30 Banquet

< Room C>

9:30-11:00

Session Chair: Prof. Willy Ugarte

102-M MediTHIM: Temporal Hierarchical Imputation Methods for Medical Time Series
 Helia Hashemolhosseiny; Paula Branco (University of Ottawa)*
 117-M IoT system based on deep learning for the identification and feedback of work postures when using a computer

EDUARDO CABALLERO-LARA; ENZO CAMARGO-RAMIREZ; Willy Ugarte (Universidad Peruana de Ciencias Aplicadas)* **2-N** A Novel Score Function for Ranking Interval-Valued Intuitionistic Fuzzy Values Shyi-Ming Chen (Asia University)*; Cheng-Yu Hsieh; Xin-Yao Zou

11:00-11:30 COFFEE BREAK

11:30-12:30

Session Chair: Prof. Huai-Kuei Wu

4-N BF-YOLOv7: Enhancing Helmet Rule Violation Detection *Chun-Ming Tsai (University of Taipei)*; Jun-Wei Hsieh; Ming-Ching Chang*29-N A Smartphone-based Early Detection and Remote Consultation System for Stroke and Dementia *Chien-Nan Lee (Asia Eastern University of Science and Technology)*; Huai-Kuei Wu*

12:30-14:00 LUNCH BREAK

14:00-15:30

Session Chair: Prof. Jun Sasaki

57-C SYNCAD: Synchronised Yields from Narrative Cross Modal Audio and Data Aditya Vardhan Madivada (Indian Institute of Information Technology Design and Manufacturing Kurnool)*; Madhav Kartheek Bhumireddi ; Srinivasa Desikan K E

76-C MultiGAU: Real Time Sign Language Generation using Multimodal Gated Attention

Nabeela Khan (Institute of Science Tokyo)*; Bowen Wu; Carlos Toshinori Ishi; Nakadai Kazuhiro **110-C** Classification of Approval Desires and Analysis of Emotional and Linguistic Features in SNS Posts Using Generative AI

Erina Murata; Qun Jin (Waseda University)*

15:30-16:00 COFFEE BREAK

16:00-17:00 Keynote Speech 2 (RoomA)

17:10-18:10 Bus tour

18:30-20:30 Banquet

July 3rd, Thursday, 2025

Japan standard time (JST) AM. 9:00-9:30, REGISTRATION

< Room A>

9:30-11:00

Session Chair: Prof. Sebastian Link

Session Chair: Prof. Ali Selamat

31-G Linking Data Meaningfully: Identifying Meaningful Keys and Foreign Keys from Data Henning Koehler; Sebastian Link (University of Auckland)*
 60-G A-REACT: Adaptive Resampling and Active Classification for Thresholded Anomalies Mayukh Bhattacharjee; Sankhadeep Chatterjee; Paula Branco (University of Ottawa)*; Saranya Bhattacharjee
 18-G Uncertainty-based Instance-Dependent Noisy Label Datasets Generation Jungmin Lee; Seoung Bum Kim (Korea University)*

11:00-11:30 COFFEE BREAK

11:30-12:30 Keynote Speech 3

"Compressive Sensing: Principles and Applications in Signal and Image Processing"

Prof. Hector Perez-Meana, National Polytechnic Institute, Mexico

12:30-14:00 LUNCH BREAK

14:00-15:30

Session Chair: Prof. Yutaka Watanobe

19-G Guided by Uncertainty: Semi-supervised Domain Adaptation with Curriculum and Contrastive Learning Sunhyeok Hwang; Seoung Bum Kim (Korea University)*

38-G CAMI: A missing value imputation method based on causal discovery and self-attention

Yunlong Liu; Yifeng Cao; Zhaojun Zeng; Mingjie Cai; Bin Yu (Hunan Normal University)*

105-I SkinPalNet: An Advanced Ensemble Model for Skin Cancer Diagnosis with Computer Vision Approach Osim Kumar; M. F. Mridha; Raihan Kabir (Department of Computer Science and Engineering, University of Aizu) *; Md Rashedul Islam ; Yutaka Watanobe

15:30-16:00 COFFEE BREAK

16:00-17:30

Session Chair: Dr. Ahmed Missaoui

122-I Brain Tumor MRI Interpretation: Towards a Benchmark for Medical Visual Question Answering
 Faheem Shehzad (Naples University)*; Hamido Fujita; Aniello Minutolo; Massimo Esposito
 80-P Multi-Objective Energy-Efficient Scheduling in Two Stages Hybrid Flowshop under Consideration of No-wait
 Ahmed Missaoui (University college Cork)*; Barry O'Sullivan

Short Paper 37-P Evaluating Large Language Models for the Automated Generation of Software Requirements *Thomas Puchleitner; Sebastian Lubos (Graz University of Technology)*; Alexander Felfernig; Damian Garber*

< Room B>

9:30-11:00

Session Chair: Dr. Thayne Walker

3-D Hierarchical Multi-Agent Reinforcement Learning with Epistemic Priors for Scalable Communicationless Coordination of Teamable Agents

Thayne Walker (University of Denver)*; Jaime Ide

95-D Automated Issue Hierarchy Generation for Improved Automated Negotiation Outcomes
 Adnan Ahmed (University of Calgary)*; Behrouz Far; Clinton Purtell
 89-N Enhancing Traffic Accident Detection with YOLOv5 in Smart City Road Monitoring

Rung-Ching Chen (Chaoyang University of Technology)*

11:00-11:30 COFFEE BREAK

11:30-12:30 Keynote Speech 3 (Room A)

12:30-14:00 LUNCH BREAK

14:00-15:30

Session Chair: Prof. Huei-Wen Ferng

59-N Implementation of a One-Time Random Number Generation Mechanism for Zero-Trust Networks with IoT Transmission Verification

Wen-Chung Tsai (National Taichung University of Science and Technology)*; Tzu-Hsuan Tsai; Mao-Lun Chiang; Te-Jen Wang

70-N Adaptive DRL-Based Traffic Signal Control with an Infused LSTM Prediction Model

Ying-Tsu Tseng; Huei-Wen Ferng (National Taiwan University of Science and Technology)*

74-N A Fast R1CS Normalization Method Based on Parameter Vectors

Wei-Chung Teng (National Taiwan University of Science and Technology)*

15:30-16:00 COFFEE BREAK

16:00-17:30

Session Chair: Prof. Armando Stellato

49-GMDR: An Ontology Vocabulary and Registry Service for Dataset CatalogsArmando Stellato ("University of Rome, Tor Vergata")*Short paper 75-ELSTM-based Proactive Scheduling of Stream Applications in Edge/Cloud EnvironmentsSabeur Lajili (University of Sousse)*; Zaki Brahmi ; Mohamed Nazih OmriShort Paper 92-EUncertainty Quantification Of Multimodal ModelsAjibola Obayemi (University of Brighton)*; Khuong Nguyen

< Room C>

9:30-11:00

Session Chair: Prof. Jun Sasaki

63-H Towards Predicting Complex Carpooling Trajectories with Context-Augmented BERT-LLM in Chaotic Environments

 DARIL RAOUL KENGNE WAMBO (UQAM)*; Roger Nkambou; Ange Tato; Clara Lacourarie
 113-H LLM-base MaSE, A Software Development Framework for Developing Multi-Agent Systems Sahar Hajjarzadeh (University of Calgary)*; Zahra Shakeri Hossein Abad; Behrouz Far
 47-H Exploring the Efficacy of Large Language Models in Predicting Chemical Toxicity Yueh-Hsi Chung; Chun-Wei Tung; Yung-Chun Chang (Taipei Medical University)*

11:00-11:30 COFFEE BREAK

11:30-12:30 Keynote Speech 3 (Room A)

12:30-14:00 LUNCH BREAK

14:00-15:30

Session Chair: Prof. Harumi Murakami

107-J Collision Detection and Avoidance among SWARM Robots using Convolutional neural network (CNN) in Harsh Environment

HOSSAIN SHAH ALAM (The University of Aizu)*; Raihan Kabir; Yutaka Watanobe **13-M** Ranking Lifelogs for Memory Recall Support

Harumi Murakami (Osaka Metropolitan University)*; Sihan Wang; Takashi Hirata

65-M Comparative Analysis of Large Language Models and Machine Learning Approaches for the Detection of Dengue Fever Information from ProMED-mail Platform

Kai-Shun Lin; Feng-Jen Tsai; Nai-Wen Kuo; Yung-Chun Chang (Taipei Medical University)*

15:30-16:00 COFFEE BREAK

16:00-17:30

Session Chair: Prof. Franz Wotawa

66-M Model-based diagnosis for building systems - results of an initial feasibility study

Franz Wotawa (Graz University of Technology, Institute of Software Engineering and Artificial Intelligence)*

7-M Assessment of frailty levels in older adults through smartphone applications

Andreu Català (UPC)*; Jordi Olle; Xavier Parra; Carlos Perez; Oscar Macho; Marta Arroyo; John Nelson

62-J Multi-Class Semantic Segmentation of Photovoltaic Module Defects and Features: Towards Industrial Robotic Applications

Shiva Hanifi (University of Luxembourg)*; Sasan Jafarnejad; Mathieu Cormier; Raphael Frank

July 4th, Friday, 2025

Japan standard time (JST) AM. 9:00-9:30 REGISTRATION

< Room A>

9:30-11:00

Session Chair: Prof. Willy Ugarte

 100-I Lost in the Noise: Evading and Detecting Backdoors in Conditional Diffusion Models William Aiken (University of Ottawa)*; Paula Branco; Guy-Vincent Jourdan
 116-I Enhancing Minimarket Customer Experience through YOLOv8-Powered Checkout Systems SEBASTIAN ARANA-DEL-CARPIO; LUIS BECERRA-BISSO; Willy Ugarte (Universidad Peruana de Ciencias Aplicadas)*
 10-I WeldViT: A Lightweight Network for Online Identification of Multi-Label Welding Defects Yue Zhang (Beihang University)*; Qiang Zhan

11:00-11:30 COFFEE BREAK

11:30-12:30

Session Chair: Dr. Piyavach Khunsongkiet

17-I Impact of Replay Ratios on Performance and Efficiency in Continual Learning for Skeleton-based Action Recognition

SIHU AHN (Korea University); Seoung Bum KIM (Korea University)*

42-I Extending YOLO for Feature-Based Classification Through Numerical-to-Image Transformation *Piyavach Khunsongkiet; Waranya Mahanan (Chiang Mai University)**

12:30-13:00 Closing Ceremony

< Room B>

9:30-11:00

Session Chair: Dr. Paula Branco

61-G DistResampleR-Lite: Light Distributed Resampler for Imbalanced Regression Problems

Alexander De Furia; Anushree Kulai; Paula Branco (University of Ottawa)*; Guy-Vincent Jourdan

51-M An Efficient and Cost-Effective Medicine Reminder and Dispenser System

Hailemicael Yimer; Huiming Yu; Xiaohong Yuan; Jinsheng Xu; Letu Qingge (North Carolina Agricultural and Technical State University)*

Short Paper 67-M Leveraging Real-World Data to Predict Macrovascular Complications in Type 2 Diabetes: A Comparative Machine Learning Study

Jia-Min Wu (Tunghai University)*; Feng-Jung Yang; Ting-Yu Pan; Bor-Wen Cheng

11:00-11:30 COFFEE BREAK

11:30-12:30

Session Chair: Prof. Jun Sasaki

79-M T-test-based Feature Selection on DNA Microarrays Gene Expression Data for Leukemia Classification
 *Phuong Ha Dang Bui ; Linh Yen Bach Nguyen; Luu Duc Ngo; Thanh-Hai Nguyen (Can Tho University)** **20-D** DynaMIX: Sample-Efficient Multi Agent Reinforcement Learning with Multi-Step Temporal Forward Dynamics
 Modeling

Jung In Kim; Seoung Bum Kim (Korea University)*

12:30-13:00 Closing Ceremony (Room A)

< Room C>

9:30-11:30

Session Chair: Dr. Raihan Kabir

97-J Transformer-Based UWB Positioning: Learning to Correct Ranging Errors for Autonomous Agents *Somayeh Modaberi (University of Calgary)*; Behrouz Far*

25-J A Novel Task Assignment Strategy for Multi-Robot System

Md Ali Haider (The University of Aizu)*; Raihan Kabir; Yutaka Watanobe

27-J Robotic Path Optimization for Efficient Robot Movement in Harsh Environments

Raihan Kabir (Department of Computer Science and Engineering, University of Aizu)*; Yutaka Watanobe; Keitaro Naruse; Md Rashedul Islam

28-J A Hybrid Approach for Path Planning in Harsh Environments Combining WOA and DMSGPSO *Md Obaydullah Al NUMAN (The University of Aizu)*; Raihan Kabir; Md Rashedul Islam; Yutaka Watanobe*

12:30-13:00 Closing Ceremony (Room A)