

Presentation Information

For Everyone

- The registration and info desk for the conference is near the Coral 1 room.
- **Time Zone: Kuala Lumpur Time (UTC/GMT+8).** Please double check your Presentation Time, and adjust times to device's time zone.
- **Language:** English.
- **Nov. 20:** Opening remarks, keynote speeches, parallel sessions, and onsite registration.
- **Nov. 21:** For Webex (online presenters).
- Each Keynote Speech is within 45Mins, (35-40 minutes presentation, 10-5 minutes for Q&A).
- The time allocated to each presenter is 10-12 minutes, followed by a 3-5 minutes Q&A session.
- Group Photo will be at the evening break time on Nov. 20, and there will be a session group photo time at the end of each session.
- **Punctuality:** To ensure the conference runs smoothly, the organizing committee requests your cooperation in arriving on time. Any updates to the program will be announced in the conference room before or after the keynote sessions.
- Please keep all your belongings with you at all times. The conference organizer is not responsible for any lost personal items.

For Onsite Presenters:

- Each presenter must prepare and submit their slides to the Secretariat by the latest on the conference registration day, preferably

15-30 minutes before their presentation. Presenters may also upload their slides to the session laptop provided, using a thumb drive.

- Please enter the session room and meet your Session Chair / Rapporteur in advance before the session starts.
- The session room will be equipped with a laptop, projector, and laser pointer. To save time, it is suggested not to use your own laptop.
- We suggest you keep a copy of your PPT slides file in your email.
- **Conference Identification Tags:** Please always wear your identification tag throughout the conference, as it serves as your access to the presentation and lunch sessions.
- **Dress Code:** Smart Casual is recommended throughout the conference.
- **Smoking Policy:** The hotel is designated as a smoke-free venue.

For Online Presenters:

- Please join the presentation 15 minutes early using the provided Webex link. Breakout sessions will be organized and shared during the conference event.
- Rename yourself with Paper ID+Name, (eg. PID+103+John or PID+UPC12+Amin), before entering meeting room.
- Certificates will be emailed after the conference.

CONFERENCE SCHEDULE

Day 1 - [20th November 2025 PHYSICAL]

Time	Programme	Venue
8:00 AM – 9:00 AM	Registration of Participants	Registration Counter
9:00 AM – 9:45 AM	<i>Keynote Speaker 1</i> Prof. Aripriharta Universitas Negeri Malang, Indonesia	Coral Hall 1
9:45 AM – 10:30 AM	<i>Keynote Speaker 2</i> Assoc. Prof. Ts. Dr. Norliza Binti Katuk School of Computing, Universiti Utara Malaysia	Coral Hall 2
	<i>Keynote Doctoral Symposium</i> Dato' Seri Amir Hussien CEO Drachen Welle Engineering Sdn Bhd	Sunrise
10:30 AM – 11:00 AM	Morning Coffee Break	Refreshment Area
11:00 AM – 1:00 PM	<i>Doctoral Symposium</i>	Sunrise
	Parallel Sessions I (2 Rooms)	Coral Hall 1 Coral Hall 2
1:00 PM – 2:00 PM	Lunch Break	Dining Area
2:00 PM – 3:30 PM	Parallel Sessions II (2 Rooms)	Coral Hall 1 Coral Hall 2
3:45 PM – 4:00 PM	Arrival of VVIP & Guests	Coral Hall 1
4:00 PM – 5:00 PM	<i>Welcoming Address and Closing Session by</i> YBhg. Prof. Datuk Dr. Kasim Hj Mansor, JP Vice-Chancellor, Universiti Malaysia Sabah	Coral Hall 1
5:00 PM – 5:30 PM	Coffee Break	Refreshment Area
END OF DAY 1		

Day 2 - [21st November 2025 ONLINE]

Time	Programme	Venue
8:30 AM – 9:00 AM	Registration of Participants	Webex Link
9:00 AM – 11:00 AM	Parallel Sessions III (4 Breakout Sessions)	Webex Link
11:00 AM – 11:30 AM	Wrap-up Ceremony by AMICT2025 Chairman Assoc. Prof. Ts. Dr. Mohd Hanafi bin Ahmad Hijazi Group Photo Session	Webex Link
END OF DAY 2		

Onsite Presentation (20th November 2025)

Parallel 1a - Coral Hall 1		
Session Chair: AP. Dr. Muzaffar Hamzah		
Rapporteur: Ms. Amanda Aiza Amran		
Time	Paper ID	Paper Title
11:00 – 11:15	18	Leveraging GPT-4o's Multimodal Capabilities for Enhanced Video Anomaly Detection in Complex Scenarios Presenter: Choo Yen Lee
11:15 – 11:30	37	Real-Time Facial Emotion Annotation for Autism Spectrum Disorder (ASD) Therapy Using Kernel-Based Clustering and Hybrid CNN Models Presenter: Raseeda Hamzah
11:30 – 11:45	65	Enhancing Bone Fracture Detection in Medical Imaging: Implementing Transfer Learning and Adversarial Training Presenter: Mohd Hanafi Ahmad Hijazi
11:45 – 12:00	UPC-9	GRU Outperforms Probabilistic Transformers in Forecasting Malaysian Currency Exchange Rates Presenter: Choo Yen Lee
12:00 – 12:15	106	Optimized Evacuation Route Planning in High-Rise Buildings Using Dijkstra and Ant Colony Algorithms Presenter: Yuseni Wahab
12:15 – 12:30	UPC-8	Enhancing CNN Model Re-Classification through Image Segmentation and Enhancement Techniques for Bornean Orangutan Nest Presenter: Amanda Aiza Amran
12:30 – 12:45	109	Regression-based Finish Time Prediction of 100km Trail Running using Structured Athlete Performance Presenter: Mohd Shamrie Sainin
12:45 – 13:00	107	MobileNet-based Tuberculosis Segmentation in Chest X-Rays: An Accuracy-Efficiency Trade-off Analysis Presenter: Ashraf Ibrahim

Onsite Presentation (20th November 2025)

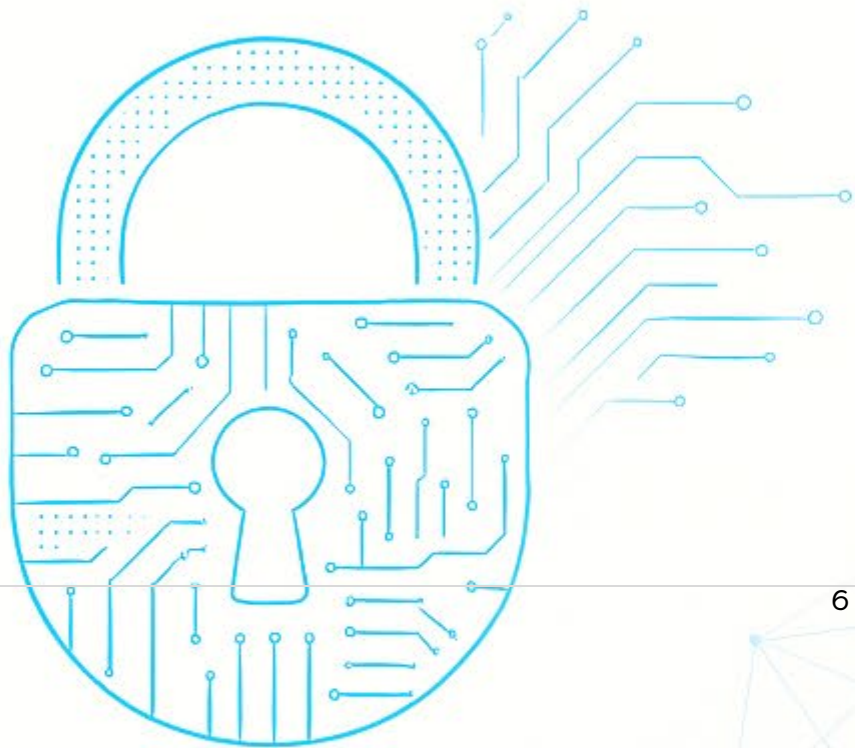
Parallel 1 b - Coral Hall 2		
Session Chair: Dr Salmah Fattah		
Rapporteur: Dr. Nur Faraha Hj Mohd Naim		
Time	Paper ID	Paper Title
11:00 – 11:15	29	Deployment of Data-Driven Virtual Flow Meter in Cloud and Standalone Environments Presenter: Nik Nur Wahidah Nik Hashim
11:15 – 11:30	73	A Scientometric Analysis by Visualising Research on Deep Learning of Diabetic Retinopathy Presenter: Ahmad Faiz Ghazali
11:30 – 11:45	112	Developing a Big Data Analytics Maturity Model Based on the ADIBA Framework Presenter: Norhayati Daut
11:45 – 12:00	77	What Religion is ChatGPT? Analyzing Inter-faith Bias In The World's Most Popular AI Presenter: James Mountstephens
12:00 – 12:15	42	Transformer-Based Language Models: A Technical Survey of Architectures, Applications, and Critical Challenges Presenter: Seyed Hamid Talebian
12:15 – 12:30	104	Virtual Flow Metering For Data-limited Wells Using Machine Learning For Multiphase Flow Prediction In Commingled Testing Environments Presenter: Nik Nur Wahidah Nik Hashim
12:30 – 12:45	75	Low-Altitude Sensing Standards: Institutional Support for Intelligence and Security Presenter: Toh Chia Ming
12:45 – 13:00	105	Enhancing Dermatological Diagnostics: Lightweight Segmentation Models for Skin Lesions Presenter: Salmah Fattah / Ashraf Ibrahim

Onsite Presentation (20th November 2025)

Parallel 1 c - Sunrise		
Session Chair: Dr Jackel Chew		
Time	Paper ID	Paper Title
11:00 – 11:15	DS-1	A Classification Model For Predicting Stroke Rehabilitation Success Presenter: Nur Shada Nadherah Binti Abdul Ghani
11:15 – 11:30	56	Conceptual Framework For Understanding The Impact Of Internet Of Things For Filing System In Public Sectors Presenter: Joses Kodoh
11:30 – 11:45	59	Optimization Of Multi-Layer Leach In Wireless Sensor Networks Using Genetic Algorithm Presenter: Sam Lie Lie
11:45 – 12:00	DS-2	Evaluating Custom Cnn Vs. Vgg16 On Fer-2013 For Facial Emotion Classification Presenter: Nur Fatin Nabilah Binti Azhar
12:00 – 12:15	79	A Systematic Literature Review On Technology Acceptance Determinants For Student Personalized Scheduling System Among University Student Presenter: Mohd Azam Bin Mad Suliman
12:15 – 12:30	32	Exploring Older Adults' Perceptions Of Augmented Reality Applications For Cultural Tourism: A Focus Group Study Presenter: Nur Amira Suhada Binti Suhaimi
12:30 – 12:45	33	Teachers' Perception, Knowledge, And Attitude On Augmented Reality: A Survey Study Presenter: Puteri Dian Irdina Binti Mohd Yusni
12:45 – 13:00	DS-3	A Lightweight Privacy Preservation In Named Data Networking Through Name Rotation Mechanisms Presenter: Mohammad Shahrul Mohd Shah

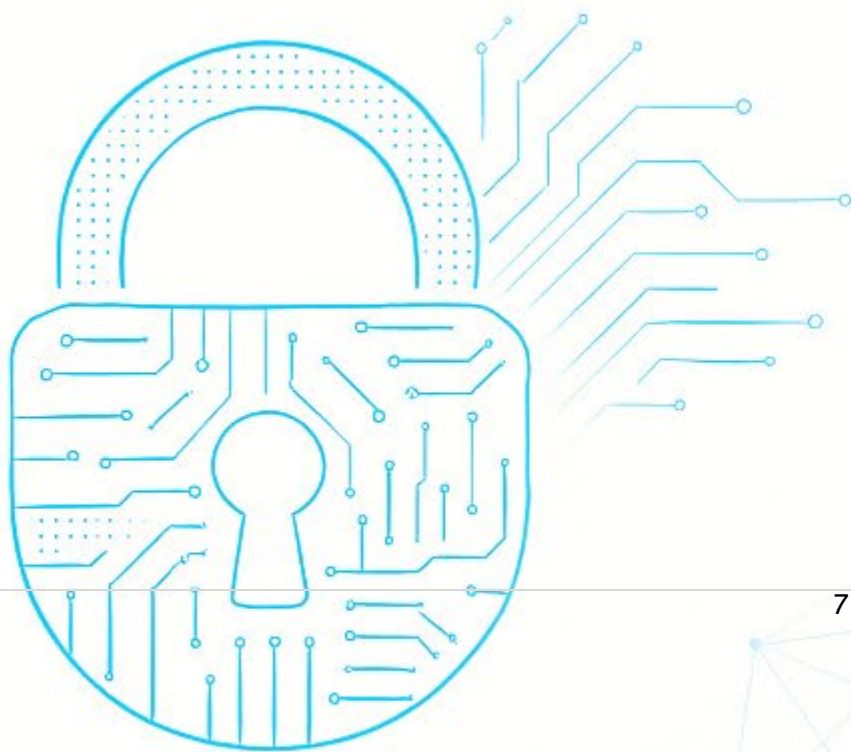
Onsite Presentation (20th November 2025)

Parallel 2 a - Coral Hall 1		
Session Chair: AP. Ts. Dr. Leau Yu Beng		
Rapporteur: Ms. Nordaliela Mohd. Rusli		
Time	Paper ID	Paper Title
14:00 – 14:15	UPC-20	A Cutting-Edge Approach to Phishing Email Detection using Machine Learning Presenter: Gohar Rahman
14:15 – 14:30	UPC-19	Effective Two Factor Role-based Access Control for Cloud Computing using Twofish encrypted JAR file Presenter: Gohar Rahman
14:30 – 14:45	110	Sentiment Insights and Usability Evaluation for KADUMALIN Translation System Presenter: Suraya Alias
14:45 – 15:00	78	Decentralised Proximal Policy Optimisation for Traffic Signal Control Presenter: Matthew Laurentius Bansing
15:00 – 15:15	UPC-40	A Survey on Metaheuristic Approaches for Muskingum Flood Routing Model Parameter Estimation Presenter: Jackel Vui Lung Chew



Onsite Presentation (20th November 2025)

Parallel 2 b – Coral Hall 2 Session Chair: AP. Ts. Dr. Chin Kim On Rapporteur: Mdm. Faridah binti Adam		
Time	Paper ID	Paper Title
14:00 – 14:15	UPC-10	Integrating Carbon Footprint Awareness into an E-Barter Application for Sustainable Consumption in Malaysia Presenter: Choo Yen Lee
14:15 – 14:30	111	User-centered Mobile Application Design for Smart Waste Collection Presenter: Norazlina Khamis
14:30 – 14:45	UPC-36	Design and Development of 'Kimaragang Words': A Game-Based Learning Mobile Application for Local Language Engagement Presenter: Victor B. Pangayan
14:45 – 15:00	21	Leveraging Immersive Technologies to Transform Food Security: Applications, Challenges and Future Directions Presenter: Khairul Shafee Kalid
15:00 – 15:15	34	Trustworthiness in Image Pre-Processing Techniques for Stroke Classification Using DenseNet and LIME Presenter: Christopher Ijok / Daphne Teck Ching Lai



Online Presentation (21st November 2025)

Parallel 3 a - Webex - Room 1 Session Chair: Dr Lai Po Hung Rapporteur: AP. Ts. Dr. Chin Kim On		
Time	Paper ID	Paper Title
9:00 – 9:15	83	Envisioning Multiple Contexts of a Historical Landmark Using Augmented Reality: The Chimney Tower Presenter: Dinna @ Nina Mohd Nizam
9:15 – 9:30	66	FloodApp: Real-Time Integrated Mobile Application for Flood Monitoring, Detection, and Alerts Presenter: Muhammad Aqil Mohd Sabri
9:30 – 9:45	103	Food-as-Medicine Recommender Systems: A Vision for Generative AI-Powered Grocery Guidance Presenter: Kapil Kumar Reddy Poreddy
9:45 – 10:00	UPC-25	A Taxonomy of AI-Driven and IoT-Based Solutions for Smart Traffic Management Presenter: Khalid Yahya Ahmed
10:00 – 10:15	108	Deep Learning Models for Low-Dose CT Denoising: A Forward Survey (2022-2025) Presenter: Wang Zhang
10:15 – 10:30	UPC-34	Federated Learning Strategies for Image Analysis in the Healthcare Sector Presenter: Aitana Pastor Osuna
10:30 – 10:45	115	Sentiment Analysis in Public Health: Leveraging Expert-Annotated Social Media Data Presenter: Daimler Benz Alebaba

Online Presentation (21st November 2025)

Parallel 3 b - Webex - Room 2		
Session Chair: Dr. Zaidatol Haslinda Abdullah Sani		
Rapporteur: Dr. Norhayati Daut		
Time	Paper ID	Paper Title
9:00 – 9:15	41	A Remote Sensing Image Object Detection Method Based on Multi-scale Transformer Presenter: Zhou Jinghe
9:15 – 9:30	5	Feeling the Frame: Deep Multimodal Learning for Emotion-Aware Image Captioning Presenter: Lakshmi Ethirajan
9:30 – 9:45	84	Machine Learning for Circular Economy: Predicting Product Lifecycle and Optimizing Waste Management Presenter: Mohammad Anisur Rahman
9:45 – 10:00	93	AI-Powered Personalized Therapy for Children with Autism: A Reinforcement Learning Approach Presenter: Mahdia Amina
10:00 – 10:15	95	Optimizing Diabetes Prediction Using Ensemble Learning Techniques for Enhanced Accuracy Presenter: Arifa Ahmed
10:15 – 10:30	97	AI-Powered Precision Intervention: Ending America's Opioid and Substance Abuse Crisis Through Predictive Analytics Presenter: Md Habibur Rahman

Online Presentation (21st November 2025)

Parallel 3 c – Webex – Room 3 Session Chair: Dr Tan Soo Fun Rapporteur: Ms. Nordaliela Mohd. Rusli		
Time	Paper ID	Paper Title
9:00 – 9:15	116	Sabah Smart Science and Technology Park: A Strategic Framework for Regional Innovation and Economic Transformation Presenter: Uda Hashim
9:15 – 9:30	36	Enhancing Phishing Detection Through Machine Learning Presenter: Bahman Sassani
9:30 – 9:45	39	Security in Software-Defined Networking Migration: Challenges, Proposal and Future Perspective Presenter: Tan Saw Chin
9:45 – 10:00	53	Binary Flaw Detection: A Security Analysis Paper Presenter: Fahad Amin
10:00 – 10:15	UPC-35	A Hybrid Data Collection Framework for Anomaly Presenter: Kimsreng Lim
10:15 – 10:30	UPC-29	Automating IoT Vulnerability Severity Prediction from Its Textual Descriptions Presenter: Samira Baho
10:30 – 10:45	UPC-11	Automated Attendance System using Surveillance Cameras Presenter: Rafi Jusar Wishnuwardana

Online Presentation (21st November 2025)

Parallel 3 d - Webex - Room 4		
Session Chair: Dr. Florence Sia Fui Sze		
Rapporteur: AP. Ts. Dr. Leau Yu Beng		
Time	Paper ID	Paper Title
9:00 – 9:15	30	High-Accuracy Potato Leaf Disease Classification Using Transfer Learning with ResNet50 Presenter: Abhishek Bajpai
9:15 – 9:30	UPC-30	The Challenge of Generalization: Preserving Sarcasm Detection in a Multitask Model Across Different Linguistic Contexts Presenter: Mohd Suhairi Md Suhaimin
9:30 – 9:45	90	Blockchain for Transparent and Efficient Carbon Credit Trading Presenter: Rakibul Hasan
9:45 – 10:00	99	AI-Driven ESG Scoring for Sustainable Investment Decisions Presenter: Rakibul Hasan
10:00 – 10:15	101	Leveraging Machine Learning for Predictive Sustainability Analytics: Optimizing Resource Management in Manufacturing Presenter: Arifa Ahmed
10:15 – 10:30	102	AI-Powered Medical Imaging: Enhancing Diagnostic Accuracy in Radiology Presenter: Mahdia Amina
10:30 – 10:45	67	Performance Analysis of MTCNN for Face Detection Presenter: Jeswin Joison