

Program Schedule

| Thursday 14 th May 2026 | |
|------------------------------------|---|
| 08:00 - 09:00 | Registration |
| 09:00 - 09:15 | Report by Assistant Professor Dr. Dr.-Ing. Sunantha Sodsee , <i>Dean, Faculty of Information Technology and Digital Innovation King Mongkut's University of Technology North Bangkok</i> |
| 09:15 - 09:30 | Opening Ceremony by Professor Dr. Thanin Silpcharu , <i>President of King Mongkut's University of Technology North Bangkok</i> |
| 09:30 - 09:45 | <i>Group Photo</i> |
| 09:45 - 10:45 | Invited Keynote Speech by Prof. Dr. Gary G. Yen , <ul style="list-style-type: none">• Chair Professor, Sichuan University, CHINA• Regents Professor, Oklahoma State University, USA |
| 10:45 - 11:00 | <i>Coffee break</i> |
| 11:00 - 12:00 | Invited Keynote Speech by AVM Amorn Chomchoey , <ul style="list-style-type: none">• Secretary-General, Nation Cyber Security Committee |
| 12:00 - 13:00 | <i>Lunch</i> |
| 13:00 - 15:00 | Paper Presentation |
| 15:00 - 15:20 | <i>Coffee break</i> |
| 15:20 - 17:00 | Paper Presentation |

Thursday 14th May 2026

Room I

| | |
|--------------------------------|--|
| 13:00 - 13:20 IC2IT2026-037 | Bridging Data–Policy Gap in Universal Health Coverage: A Governance-Embedded Reference Architecture for Data-Driven Health System <i>Khachon Mongkonchoo, Nalinpat Bhumpenpein and Nathaporn Utakrit</i> |
| 13:20 - 13:40 IC2IT2026-011 | TWIN-Net: An Innovative Multi-Feature Model for Assessing Levels of Students’ Satisfaction in Asynchronous E-Learning Forums <i>Sulis Sandiwarno, Dana Indra Sensuse, Harry Budi Santoso, Deden Sumirat Hidayat, Ally S. Nyamawe, Abdallah Yousif, Jahns Michael and Wawan Gunawan</i> |
| 13:40 - 14:00 IC2IT2026-036 | On PyTorch Bilinear Neural Network-Based Prediction for Knee Osteoarthritis <i>Nguyen Minh Tuan, Phayung Meesad, Nguyen Hong Son and Maleerat Maliyaem</i> |
| 14:00 - 14:20 IC2IT2026-012 | Adaptive Statistical Round Robin (ASRR): Statistical Measures and Conditional Logic to Optimize System Responsiveness <i>Isabel Carbonell and Princess Joy Vidad</i> |
| 14:20 - 14:40 IC2IT2026-021 | A Lightweight Transformer–Enhanced Image Processing Framework for Efficient Visual Feature Representation <i>Van Van Chau, Tuan Minh Nguyen and Phayung Meesad</i> |
| 14:40 - 15:00 IC2IT2026-043 | Classification of Pet-Friendly Hotel Reviews on Online Platforms Using Text Mining Techniques <i>Supassara Heebthamai and Watchareewan Jitsakul</i> |
| 15:00 - 15:20 | <i>Break</i> |
| 15:20 - 15:40 IC2IT2026-046 | Development of a Decision Support System for Housing Purchase or Rental Selection Using Data Mining Techniques <i>Suradech Leerujikul and Watchareewan Jitsakul</i> |
| 15:40 - 16:00 IC2IT2026-019 | End-to-End Multimodal Accident Risk Prediction Pipeline Integrating Deep Learning, Risk Fusion, and LLM-Powered Voice Alerts <i>Harshita Pendli and Nenavath Srinivas Naik</i> |
| 16:00 - 16:20 IC2IT2026-034 | SLOT-GUARD-LRU: A Smoothing-Aware Page Replacement Policy for Heterogeneous Slot-Based Caches <i>Nguyen Minh Tuan, Phayung Meesad, Bui Phi Hung and Maleerat Maliyaem</i> |
| 16:20 - 17:00 IC2IT2026-028 | A Comparative Analysis of GDPR, Thailand’s PDPA, and Indonesia’s UU-PDP <i>Guntur Budi Herwanto, Arif Nurwidyantoro, Annisa Maulida Ningtyas, Diyah Utami Kusumaning Putri, Worarat Krathu, Sunisa Sathapornvajana, Maleerat Maliyaem, Hathairat Ketmaneechairat, Edgar Weippl, Gerald Quirchmayr and A Min Tjoa</i> |

Friday 15th May 2026

| | |
|---------------|---------------------------|
| 09:00 - 10:20 | Paper Presentation |
| 10:20 - 10:40 | <i>Break</i> |
| 10:40 - 12:00 | Paper Presentation |

Friday 15th May 2026

Room I

| | |
|--------------------------------|--|
| 09:00 - 09:20 IC2IT2026-030 | Comparative Evaluation of Machine Learning and Deep Learning Models for Cryptocurrency Price Prediction under Different Normalization Schemes <i>Jantima Polpinij, Vuttichai Vichianchai, Theeraya Uttha, Anirut Chottanom, Jatuphum Juanchaiyaphum, Thananchai Khamket and Chumsak Sibunruang</i> |
| 09:20 - 09:40 IC2IT2026-040 | Impact of Working Hours and Overtime decisions on Makespan in Job Shop Scheduling <i>Jaraporn Hassamontr, Wannaporn Suwannarat and Bunthita Rasniyom</i> |
| 09:40 - 10:00 IC2IT2026-029 | A Comparative Evaluation of Machine Learning and Deep Learning Models for Aspect Category Identification <i>Jantima Polpinij, Vuttichai Vichianchai, Theeraya Uttha, Anirut Chottanom, Jatuphum Juanchaiyaphum, Thananchai Khamket and Chumsak Sibunruang</i> |
| 10:00 - 10:20 IC2IT2026-032 | Hybrid Transformer-Based Multimodal Fusion for Chest X-ray Report Generation <i>Van Van Chau, Tuan Minh Nguyen and Phayung Meesad</i> |
| 10:20 - 10:40 | <i>Break</i> |
| 10:40 - 11:00 IC2IT2026-044 | Predicting Corporate Dissolution in Thailand from Financial Statement Data Using Machine Learning Techniques <i>Pongtorn Panthai and Watchareewan Jitsakul</i> |
| 11:00 - 11:20 IC2IT2026-045 | Prediction of Personal Loan Default using Machine Learning <i>Nithikun Suntaranurak and Watchareewan Jitsakul</i> |
| 11:20 - 11:40 IC2IT2026-047 | Forecasting Hydrological Inflows of Xayaburi Dam Lao People's Democratic Republic Using Deep Learning Techniques <i>Chalermchad Homat and Watchareewan Jitsakul</i> |