

Program Schedule

Thursday 18 th May 2023	
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. -Ing. habil. Suchart Siengchin , <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 Professor Dr. Stephan Pareigis , <ul style="list-style-type: none">• Department Informatik, Professor für Angewandte Mathematik und Technische Informatik, Germany.
10:45 - 11:00	<i>Coffee break</i>
11:00 - 12:00	Invited Keynote Speech by Dr. Winn Voravuthikunchai , <ul style="list-style-type: none">• PhD in AI from Caen University, France, Founder & CEO of Botnoi Group, Thailand
12:00 - 13:00	<i>Lunch</i>
13:00 - 15:00	Paper Presentation
15:00 - 15:20	<i>Coffee break</i>
15:20 - 16:40	Paper Presentation
18:00 - 22:00	Welcome Dinner and Best Paper Award Presentation

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Room I

13:00 - 13:20 IC2IT2023-007	A Robust Cursor Activity Control (RCAC) with Iris Gesture and Blink Detection Technique <i>Md. Rayhan Al Islam, Maliha Rahman, Md. Rezyuan, Abdullah Al Farabe, and Rubayat Ahmed Khan</i>
13:20 - 13:40 IC2IT2023-009	Lesion Detection based BT Type Classification Model using SVT-KLD-FCM and VCR-50 <i>Fathe Jeribi and Uma Peruma</i>
13:40 - 14:00 IC2IT2023-012	Abnormal Corner of Mouth Fall Detection of Stroke Patient Using Camera <i>Piya Thirapanmethee, Jirayu Tancharoen, Khananat Sae-Tang, Nilubon Bootchai, Sirion Nutphadung, and Orasa Patsadu</i>
14:00 - 14:20 IC2IT2023-013	Federated Machine Learning for Self-Driving Car and Minimizing Data Heterogeneity Effect <i>Prastav Pokharel and Babu R. Dawadi</i>
14:20 - 14:40 IC2IT2023-015	Predicting Foot and Mouth Disease in Thailand's Nakhon Ratchasima Province through Machine Learning <i>Wachirakan Sueabua and Pusadee Seresangtakul</i>
14:40 - 15:00 IC2IT2023-032	Rice Diseases Recognition Using Transfer Learning from Pre-Trained CNN Model <i>Wittawat Hamhongsa, Rungrat Wiangsripanawan, and Pairat Thorncharoensri</i>
15:00 - 15:20	<i>Break</i>
15:20 - 15:40 IC2IT2023-017	An End-to-end Framework to Harness Knowledge Graphs for Building Better Models from Data <i>Sasin Janpuangtong</i>
15:40 - 16:00 IC2IT2023-018	Study of Feature Selection for Gold Prices Forecasting Using Machine Learning Approach <i>Wilawan Yathongkhum, Yongyut Laosiritaworn, Jakramate Boot-krajang, and Jeerayut Chaijaruwanich1</i>
16:00 - 16:20 IC2IT2023-019	Airbnb Occupancy Rate Influential Detection based on Hosting Descriptions with LDA <i>Rattapon Choogortoud, Dittapol Muntham, Worawek Chuethong, Sart Srisoontorn, Orasa lim-paporn, and Maleerat Maliyaem</i>
16:20 - 16:40 IC2IT2023-020	Projectile Launch Point Prediction via Multiple LSTM Networks <i>Wisit Wiputgasemsuk</i>

Friday 19th May 2023

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

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Room I

09:00 - 09:20 IC2IT2023-034	Machine Learning-based Methods for Identifying Bug Severity Level from Bug Reports <i>Kamthon Sarawan, Jantima Polpinij, and Bancha Luaphol</i>
09:20 - 09:40 IC2IT2023-026	Comparison of Data Augmentation Techniques for Thai Text Sentiment Analysis <i>Kanda Rongsawad and Watchara Chatwiriya</i>
09:40 - 10:00 IC2IT2023-027	Jok Mae Jaem Woven Fabric Motif Recognition using Convolutional Neural Network <i>Yosawimon Attawong, Jakramate Bootkrajang, and Watcharee Jumpamule</i>
10:00 - 10:20 IC2IT2023-035	Sliding-Window Technique for Enhancing Prediction of Forex Rates <i>Siranee Nuchitprasitchai, Orawan Chantarakasemchit, and Yuenyong Nilsiam</i>
10:20 - 10:40	<i>Break</i>
10:40 - 11:00 IC2IT2023-030	Holistic Evaluation Framework for VR Industrial Training <i>Nattamon Srithammee and Prajaks Jitngernmadan</i>
11:00 - 11:20 IC2IT2023-016	Inspection of Injection Molding Process Improvement using Simulation Techniques: A case study <i>Patarida Loungklaypo and Srisawat Supsomboon</i>
11:20 - 11:40 IC2IT2023-021	Accommodation Descriptions that Influence Airbnb Occupancy Rate using Ontology <i>Rattapon Choogortoud, Dittapol Muntham, Worawek Chuethong, Sart Srisoontorn, Orasa lim-paporn, Nathaporn Utakrit, Kanchana Viriyapant, and Nalinpat Bhumpenpein</i>
11:40 - 12:00 IC2IT2023-029	Project Management Tools Selection Using BWM TOPSIS <i>Piyathep Mahasantipiya and Nuengwong Tuaycharoen</i>