

Program Schedule

Thursday 4 th July 2019	
08:00 – 09:00	Registration
09:00 – 09:15	Report (in Thai) by Assoc.Prof.Dr.Phayung Meesad , <i>Dean, Faculty of Information Technology</i> <i>King Mongkut's University of Technology North Bangkok</i> Report by Prof.Dr.-Ing. habil. Herwig Unger , <i>IC²IT2019 Technical Program Chair</i> <i>Fern University in Hagen, Germany</i>
09:15 – 09:30	Opening Ceremony by Prof. 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 I
10:45 – 11:00	<i>Coffee Break</i>
11:00 – 12:00	Invited Keynote Speech II
12:00 – 13:00	<i>Lunch</i>
13:00 – 15:00	Paper Presentation
15:00 – 15:20	<i>Coffee Break</i>
15:20 – 18:00	Paper Presentation
18:00 – 22:00	Welcome Dinner and Best Paper Award Presentation

Thursday 4th July 2019	
Section: Data Mining	
13:00 – 13:20 IC2IT2019-41	Dual Increment Shapelets: A Scalable Shapelet Discovery for Time Series Classification <i>Nattakit Vichit and Chotirat Ratanamahatana</i>
13:20 – 13:40 IC2IT2019-15	Analyzing and Visualizing Anomalies and Events in Time Series of Network Traffic <i>Qinpei Zhao, Yinjia Zhang, Yang Shi and Jiangfeng Li</i>
13:40 – 14:00 IC2IT2019-49	The Grid-Based Spatial ARIMA Model: An Innovation for Short-Term Prediction of Ocean Current Patterns with Big HF Radar Data <i>Kulsawasd Jitkajornwanich, Ratchanont Pongto, Nopparat Wiwattanaphon, Peerapon Lekpong, Kerk F. Kee, Siwapon Srisonphan and Siam Lawawirojwong</i>
14:00 – 14:20 IC2IT2019-51	Parameter-Free Outlier Scoring Algorithm Using the Acute Angle Order Difference Distance <i>Pollaton Pumruekthum, Somjai Boonsiri and Krung Sinapiromsaran</i>
14:20 – 14:40 IC2IT2019-32	Improved Weighted Least Square Radiometric Calibration Based Noise and Outlier Rejection by Adjacent Comparagraph and Brightness Transfer Function <i>Chanchai Techawatcharapaikul, Pradit Mittrapiyanurak and Werapon Chiracharit</i>
15:00 – 15:20	<i>Coffee Break</i>
Section: Application of Data Mining, Language, and Text Processing	
15:20 – 15:40 IC2IT2019-36	Fuzzy TF-IDF Weighting in Synonym for Diabetes Question and Answers <i>Ketsara Phetkrachang and Nichnan Kittiphattanabawon</i>
15:40 – 16:00 IC2IT2019-30	Feature Comparison for Automatic Bug Report Classification <i>Bancha Luaphol, Boonchoo Srikudkao, Tontrakant Kachai, Poramin Bheganon, Natthakit Srikanjanapert and Jantima Polpinij</i>
16:00 – 16:20 IC2IT2019-3	A Novel Three Phase Approach for Single Sample Ear Recognition <i>Nitin Kumar</i>
16:20 – 16:40 IC2IT2019-34	Comparison of Thai Sentence Sentiment Tagging Methods Using Thai Sentiment Resource <i>Kanlaya Thong-Iad and Ponrudee Netisopakul</i>
16:40 – 17:00 IC2IT2019-44	Collecting Documents of Child Psychiatry in Clinical Trials from PubMed by the SVM Text Classification with the MATF Weighting Scheme <i>Jantima Polpinij, Poramin Bheganon and Tontrakant Kachai</i>
Section: Image Processing	
17:00 – 17:20 IC2IT2019-25	Instance-based Learning for Blood Vessel Segmentation in Retinal Images <i>Worapan Kusakunniran, Saratha Kanchanapreechakorn and Kittikhun Thongkanchorn</i>
17:20 – 17:40 IC2IT2019-54	Floor Projection Type Serious Game System for Lower Limb Rehabilitation Using Image Processing <i>Kazuo Hemmi, Yuki Kondo, Takuro Tobina and Takeshi Nishimura</i>
18:00 – 22:00	Welcome Dinner and Best Paper Award Presentation

Friday 5 th July 2019	
08:00 – 09:00	Registration
09:00 – 10:00	Paper Presentation
10:00 – 10:20	<i>Coffee Break</i>
10:20 – 12:00	Paper Presentation
12:00 – 13:00	<i>Lunch</i>
13:00 – 15:00	Paper Presentation
15:00 – 15:20	<i>Coffee Break</i>

Friday 5th July 2019	
Section: Image Processing	
09:00 – 09:20 IC2IT2019-17	Image Processing Technique for Gender Determination from Medical Microscope Image <i>Wichan Thumthong, Hathaichanok Chompoopuen and Pita Jarupunphol</i>
09:20 – 09:40 IC2IT2019-5	Accelerate the Detection Frame Rate of YOLO Object Detection Algorithm <i>Wattanapong Kurdthongmee</i>
09:40 – 10:00 IC2IT2019-14	Analyze Facial Expression Recognition Based on Curvelet Transform via Extreme Learning Machine <i>Sarutte Atsawaraungsuk, Tatpong Katanyukul and Pattarawit Polpinit</i>
10:00 – 10:20	<i>Coffee Break</i>
10:20 – 10:40 IC2IT2019-42	Ensemble Model for Segmentation of Lateral Ventricles from 3D Magnetic Resonance Imaging <i>Akadej Udomchaiporn, Khitichai Lertrungwicheckan, Pokpakorn Klinkasen and Chawanwut Nuchprasert</i>
10:40 – 11:00 IC2IT2019-43	Deep Convolutional Neural Network with Edge Feature for Image Denoising <i>Supakorn Chupraphawan and Chotirat Ratanamahatana</i>
11:00 – 11:20 IC2IT2019-52	The Combination of Different Cell Sizes of HOG with KELM for Vehicle Detection <i>Natthariya Laopracha</i>
Section: Network, Cloud and Management	
11:20 – 11:40 IC2IT2019-45	Dynamic Data Management for An Associative P2P Memory <i>Supaporn Simcharoen</i>
11:40 – 12:00 IC2IT2019-31	Extremely Fast Neural Computation Using Tally Numeral Arithmetic <i>Kosuke Imamura</i>
12:00 – 13:00	<i>Lunch</i>
13:00 – 13:20 IC2IT2019-27	Traceable CP-ABE for Outsourced Big Data in Cloud Storage <i>Praveen Kumar Premkamal, Syam Kumar Pasupuleti and Pja Alphonse</i>
13:20 – 13:40 IC2IT2019-26	A Novel Solution for Virtual Server on The Data Consistency Maintenance in Cloud Storage Systems <i>Doan Van Thang, Vo Quang Hoang Khang, Nguyen Ha Huy Cuong, Cong Huynh Phap and Phayung Meesad oud Storage Systems</i>
13:40 – 14:00 IC2IT2019-28	Data Integration Patterns in The Context of Enterprise Data Management <i>Roland Petrasch</i>
14:00 – 14:20 IC2IT2019-6	Evolutionary Dynamics of Service Provider Legacy Network Migration to Software Defined IPv6 Network <i>Babu R Dawadi, Danda B Rawat and Shashidhar R Joshi</i>
14:20 – 14:40 IC2IT2019-48	Hiding Patient Injury Information in Medical Images with QR Code <i>Akkarat Boonyapalanant, Mahasak Ketcham and Manussawee Piyaneeranart</i>
15:00 – 15:20	<i>Coffee Break</i>