



Onsite Program at a Glance

Online Program at a Glance

DAY 1 (August 17, 2022)			
8:00-8:30 Registration			
Welcome and Opening Remarks Prof. Thanh Hai Tran - Rector, Hanoi University of Mining and Geology ICIT Overview Assoc. Prof. Le Hong Anh (General Co-Chair, Hanoi University of Mining and Geology) Technical Report Assist. Prof. Nhu-Ngoc Dao (General Co-Chair, Sejong University, South Korea) Steering Committee Remarks Prof. Sungjae Cho, Chung-Ang University, South Korea MOU (HUMG, VNUA, ONU, HCMQU, HCMUT); ICIT Host 2023 (HCMUT) Keynote Speech Topic: Big Data as an Enabler of Intelligence of Things Speaker: Prof. Gottfried Vossen (University of Muenster, Germany)			
Tea Break			
Session I.A	Theoretical Intelligence Analyses Chair(s): Dr. The Son Tran (VKU)	Venue: Pho Yen	Session I.C
10:00-10:20	Applying Lecturer Expectation and Learning Retention to An Adaptive Learning System Tien Vu-Van, Huy Tran, Duy Tran Ngoc Bao, Hoang-Anh Pham, and Nguyen Huynh Tuong (Ho Chi Minh City University of Technology, VNU-HCM, Vietnam)		10:00-10:20
10:20-10:40	Mathematical Expression Detection in Camera Captured Document Images Bui Hai Phong, Hoang Manh Thang and Thi-Lan Le (HUST, Vietnam)		10:20-10:40
10:40-11:00	An intelligent method based on dissimilarity measure picture fuzzy and apply to supplier selection Nguyen Xuan Thao and Pham Quang Dung (Vietnam National University of Agriculture, Vietnam)		10:40-11:00
11:00-11:20	A new intelligent computing method for scheduling and crashing projects with fuzzy activity completion times Nguyen Hai Thanh (VNU International School, Vietnam)		11:00-11:20
11:20-13:30	Lunch		
Session I.B	Intelligence Services and Applications I Chair(s): Dr. Van-Lam Ho (QNU)	Venue: Pho Yen	Session I.D
13:30-14:15	Keynote Speech Topic: Distributed Systems – the next level in large-scale ecosystems Speaker: Prof. Schahram Dussard (Vienna University of Technology, Austria)		
14:15-14:35	Evaluation of feature extraction methods for bee audio classification Thi Thu Hong Phan (FPT University, Vietnam), Huu Du Nguyen (Vietnam National University of Agriculture, Vietnam) and Doan Dong Nguyen (International School - Vietnam National University, Vietnam)		14:15-14:35
14:35-14:55	Design of yaw Controller for a Small Unmanned Helicopter Based on Fuzzy Logic Controller and PID-based Adaptation Tri Quang Le (UTEH, Vietnam)		14:35-14:55
14:55-15:10	Tea break		
15:10-15:30	An approach to monitoring solar farms in Vietnam using Google Earth Engine and satellite imagery Dung Nguyen, Bao Ngoc Dinh and Hong Anh Le (HUMG, Vietnam)		15:10-15:30
15:30-15:50	A framework to verify the ABAC policies in web applications Thanh-Nhan Luong (Haiphong University of Medicine and Pharmacy, Vietnam), Hong-Anh Le (Hanoi University of Mining and Geology, Vietnam), Dinh-Hieu Vo and Ninh-Thuan Truong (University of Engineering and Technology, Vietnam National University, Vietnam)		15:30-15:50
15:50-16:10	Aspect-based Sentiment Analysis with Deep Learning: A Multidomain and Multitask Approach Trang Tran Uyen (Vietnam-Korea University of Information and Communication Technology, The Danang University, Vietnam), Ha Hoang Thi Thanh (University of Economics, The Danang University, Vietnam), Phuong Dang Hoai (University of Science and Technology, The Danang University, Vietnam) and Rivelli Michel (Universite' Côte d'Azur, France)		15:50-16:10
16:10-16:30			16:10-16:30
17:30	Gala dinner		
DAY 2 (August 18, 2022)			
Session II.A	Intelligence Services and Applications II Chair(s): Assoc. Prof. Ngoc-Thinh Tran (HCMUTU)	Venue: Pho Yen	Session II.C
8:30-9:30	Keynote Speech Topic: Spatio-Temporal Forecasting Models for Renewable Energy Speaker: Prof. O-Joun Lee (The Catholic University of Korea, Rep. of Korea)		
9:30-9:50	Combined local and global features for action recognition from motion sensors Trung-Hieu Le (Dainam University, Vietnam), Quoc Tuan Nguyen, Thanh-Hai Tran (Hanoi University of Science and Technology, Vietnam) and Cuong Pham (Posts & Telecom, Institute of Technology and WinAI Research, Vietnam)		9:30-9:50
9:50-10:10	Combining Artificial Intelligence with the Internet of Things in Microalgae Cultivation Nga Le-Thi-Thu, Trieu Nguyen-Van-Duong and Tinh Doan-Van (Vietnam - Korea University of Information and Communication Technology, Vietnam)		9:50-10:10
10:10-10:30	Tea break		
10:30-10:50	Computer-Aided Provisional Diagnosis System Using Machine Learning Vu-Thu-Nguyet Pham, Quang-Chung Nguyen, Van-To-Thanh Nguyen and Quang-Vu Nguyen (Vietnam-Korea University of ICT, Vietnam)		10:30-10:50
10:50-11:10	Recommendation System with Artificial Intelligence for Welding Quality Improvement Tin Tran Trung (FPT University, Vietnam), Hee-Dong Jang (Dong-A University, South Korea) and Anh Quang Nguyen Vu (Vietnam-Korea University of Information and Communication Technology, Vietnam)		10:50-11:10
11:10-11:30	Sentence-level Sentiment Analysis Using a CNN model on Contextualized Word Representations Huyen Tran Phan (Yeungnam University, South Korea), Ngoc Thanh Nguyen (Wroclaw University of Science and Technology, Poland), and Dosam Hwang (Yeungnam University, South Korea)		11:10-11:30
11:30-13:30	Lunch		
Session II.B	Intelligence Service Experiments Chair(s): Assoc. Prof. Nguyen Thi Thu (VNUA)	Venue: Pho Yen	Session II.D
13:30-14:15	Keynote Speech Topic: On the Temporal-spatial Data of COVID-19 Speaker: Prof. Jiming Chen (Zhejiang University of Technology, China)		
14:15-14:35	Stock Price Prediction in Vietnam using Stacked LSTM Nguyen Trung Tuan (National Economics University, Vietnam), Thu Hang Nguyen, and Thanh Thi Hien Duong (Hanoi University of Mining and Geology, Vietnam)		14:15-14:35
14:35-14:55	A High-Performance FPGA-based Feature Engineering Architecture for Intrusion Detection System in SDN Networks Tran Hoang Quoc Bao (Ho Chi Minh City University of Technology, Vietnam), Long Tan Le (The University of Sydney, Australia), Tran Ngoc Thinh (Ho Chi Minh City University of Technology, Vietnam) and Cong-Kha Pham (University of Electro-Communications (UEC), Japan)		14:35-14:55
14:55-15:15	An FPGA-based Solution for Convolution Operation Acceleration Trung Pham-Dinh, Bao Bach-Gia, Lam Luu-Trinh, Minh Nguyen-Dinh, Hai Pham-Duc, Khoa Bui-Anh, Xuan-Quang Nguyen and Cuong Pham-Quoc (HCMUT, Vietnam)		14:55-15:15
15:15-15:30	Tea break		
15:30-15:50	Mangosteen Fruit Detection Using Improved Faster R-CNN Trung Hai Trinh, Bui Xuan Thien (Vietnam - Korea University of Information and Communication Technology, Vietnam), Huong Tran Thu (Thu Dau Mot University, Vietnam), Ha Huy Cuong Nguyen (Vietnam - Korea University of Information and Communication Technology, Vietnam) and Duy Khanh Ninh (The University of Danang - University of Science and Technology, Vietnam)		15:30-15:50
15:50-16:10	SSL-MedNet: Self-Supervised Pre-training of Deep Neural Network for COVID-19 Diagnosis Hoang N.M. Tran (University of Greenwich (Vietnam), Vietnam), Son T. Tran (Vietnam - Korea University of Information and Communications Technology, Vietnam), Nghiem D. Nguyen (FPT Greenwich Center (University of Greenwich - Alliance with FPT Education), Vietnam) and Tuan M. Le (Paradox Inc., Vietnam)		15:50-16:10
			16:10-16:30
DAY 3 (August 19, 2022)			
Open doctoral seminars and workshops Industrial demos and showcases			