



SCAN TO JOIN
(Google Meet)

TECHNICAL PROGRAM
Symposium on Computer Science and Engineering
Ho Chi Minh City, Vietnam, October 22 - October 23, 2021
Timezone: Vietnam Time (GMT/UTC+7)



SCAN TO JOIN
(Webex)

DAY 1	
Friday, October 22, 2021	
Venue: Seminar room/A3-building & Online (Google Meet & Webex)	
13:00-13:30	Registration
13:30-13:45	Opening Ceremony - Dean of Faculty of Computer Science and Engineering (Google Meet: https://meet.google.com/kzc-waey-esh)
Keynote Session 1. Chair: Le Trong Nhan (Google Meet: https://meet.google.com/kzc-waey-esh)	
13:45-14:45	KEYNOTE 1: Prof. Dr. Diep N. Nguyen, University of Technology Sydney "AI-empowered Edge Computing with Efficient and Secure Distributed Learning"
14:45-15:00	Coffee Break
Industrial Session : Digital Transformation - Practical Views. Chair: Thoai Nam (Webex: https://saobacdau.webex.com/saobacdau/onstage/g.php?MTID=e82b724d5c6f2028fea71cdf4d8c47499)	
15:00-15:10	Opening by the Chair
15:10-15:35	Mr. Phan Thanh Son <i>Director, Strategic Business, FPT Corporation; Chief Business Development Officer, FPT Information Systems</i> <i>Digital transformation: Trends, Challenges/Opportunities and Practices</i>
15:35-16:00	Dr. Quach Ngoc Long <i>Founder and CEO of WORKIT; Founder and CEO of EPACIFIC</i> <i>Digital Transformation in Business Administration – Practical Applications</i>
16:00-16:25	Mr. Lai Duc Nhuan <i>Chairman, CEO of ATALINK; Chairman of LARION Computing; Co-founder of MEPERIA</i> <i>Towards a Modern Supply Chain Management Platform: Seamless interactivity across the entire supply chain with standardized master data</i>
16:25-16:50	Mr. Ho Thai Truong Giang <i>Co-founder of EyeQ Tech; Co-founder of INTELIN TECHNOLOGY CORP; Used to be Manager of IT and Operations Departments of ACB</i> <i>Managing Enterprise's Content in Digital Transformation</i>
16:50-17:20	Panel Session by the speakers
17:20-17:30	Closing remarks by the Chair

DAY 2	
Saturday, October 23, 2021	
Venue: Seminar room/A3-building & Online (Google Meet: https://meet.google.com/kzc-waey-esh)	

08:15-08:45	Registration
Keynote Session 2. Chair: Tran Ngoc Thinh	
08:45-09:30	KEYNOTE 2: Prof. Dr. Koichiro Ishibashi, The University of Electro-Communications "MCU Process Vital Sign Acquisition using Contactless Doppler Radar"
Section 1: System Architectures, Design, and Applications - Chair: Tran Ngoc Thinh	
09:30-09:50	Koki Kumagai, Duc-Tho Mai, Guanghao Sun, and Koichiro Ishibashi <i>Infectious Disease Screening system using Medical Radar and Data Quality Assessment by Efficient Neural Network Hardware</i>
09:50-10:20	Vo Tan Phat, and Hoang Trang <i>An efficient hardware implementation of Convolutional Neural Network in detect Breast Cancer Histopathology Image</i>
10:20-10:30	Tri Nhut Do, Cong Lap Le, and Minh Son Nguyen <i>Real-time Face Detection and Human Tracking System on FPGA Cyclone-V</i>
10:30-10:45	Coffee Break
Section 2: Applied Artificial Intelligence. Chair: Quan Thanh Tho	
10:45-11:05	Huy Tran, Tien Vu Van, Hoang Nguyen Viet, Duy Tran Ngoc Bao, Thinh Tien Nguyen, and Thanh Van Le <i>An efficient approach to measure the difficulty degree of practical programming exercises based on student performances</i>
11:05-11:25	Trang Hong Son, Tran Van Lang, and Nguyen Huynh-Tuong <i>Neighborhood search for solving personal scheduling problem in available time windows with split-min and deadline constraints</i>
11:25-11:45	Lai Nguyen Ha My, Huynh Ngoc Thien, and Nguyen Duc Dung <i>Generating Website Code from Image</i>
Lunch	
Section 3: Applied Artificial Intelligence. Chair: Nguyen Duc Dung	
13:30-13:50	Thien Pham, Loi Truong, Mao Nguyen, Anh Bui, Akhil Garg, Liang Gao, and Tho Quan <i>A Multitask Data-Driven Model for Battery Remaining Useful Life Prediction</i>
13:50-14:10	Thuan Nguyen Thi Hiep, Nhan To Thanh, and Tho Quan Thanh <i>Forcing-Seq2Seq Model and PNG-LM Model: Multiple automatic models of title generation for natural text using Deep Learning</i>
14:10-14:30	Quang Duy NGUYEN, Son Thanh Le, Ha Manh TRAN, Sinh Van NGUYEN <i>An Unbiased Pairwise Approach toward Learning-to-Rank</i>
14:30-14:45	Coffee Break
Section 4: Network and Service Management. Chair: Tran Manh Ha	
14:45-15:05	Long Tan Le and Tran Ngoc Thinh <i>Enhancing Security and Robustness for SDN-Enabled Cloud Networks</i>
15:05-15:25	Xuan-Quang Nguyen and Cuong Pham-Quoc <i>An FPGA-based Convolution IP Core for Deep Neural Networks Acceleration</i>
15:25-15:45	Ha Manh Tran, Tuan Anh Nguyen and Son Thanh Le <i>Two-Phase Defect Detection Using Clustering and Classification Methods</i>