## The First International Conference on Intelligence of Things (ICIT 2022) Hanoi, August 17-19, 2022

## Onsite Program at a Glance

## Online Program at a Glance

		DAY 1 (Aug	ust 17, 2022)		
	Main Session Chair(s): Assoc. Prof. Hong Anh Le (HUMG)				Zoom (tba)
8.30-10.00	Welcome and Opening Remarks Prof. Tankl I Fran - HUMG Rector				
	Technical Reports Assis: Prof. Nhu-Ngoc. Dos (Sejing) University, South Korea) Stereing Committee Remarks				
0.30 10.00	Prof. Sungrae Cho, Chung-Ang University, South Korea MOU (HUMG, VNUA, QNU, HCMOU, HCMUT); ICIT Host 2023 (HCMUT)				
	Keynote Speech Topic: Big Data sa n Endaler of Intings				
Speaker: Prof. Gottfried Vossen (University of Muenster, Germany)  Tea Break  Theoretical Intelligence Applyings					
Session I.A	Theoretical Intelligence Analyses Chair(s): Dr. Quang Vu - Nguyen (VKU)	Room No.	Session I.C	Online Session I Chair(s): Dr. The Son Tran (VKU)	Zoom (tba)
10.00-10.20	Applying Lecturer Espectation and Learning Retention to An Adaptive Learning System Time In-Liv-Jun, Huy, Tran, Duy Tran Rygoc Bao, Hoang-Anh Pham, and Nguyen Huynh Tuong (Ho Chi Minh City University of Technology, VNU-HCM, Vietnam)		10.00-10.20	A-DEM: The Adaptive Differential Evolution Algorithm for Solving the Real-RCSP Problem Huu Dang Quoc (Thuong Mai University, Vietnam) and Loc Nguyen The (Ha Noi National University of Education, Vietnam)	
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	An Investigation on Vietnamese Credit Scoring based on Big Data Platform and Ensemble Learning Quang-Linh Tran, Binh Van Duong, Gia-Huy Lam, Trong-Hop Do (University of Information Technology, Ho Chi Minh City, Vietnam), Dat Vuong (VKU, Vietnam)	
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	Vietnam)	
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	Applying similarity of intuitionistic fuzzy sets to rank Vietnamese stocks  Guynh Tran Duc (International school, Vietnam national university, Hanoi, Vietnam), Thao Nguyen Xuan (Vietnam national university of agriculture, Vietnam), Toon Nguyen Doan (International school, Vietnam national university, Hanoi, Vietnam), and Thuan Nguyen Quang (International school, Vietnam national university, Hanoi, Vietnam)	
11.20-13.30 Session I.B	Intelligence Services and Applications I Chair(s): Dr. Van-Lam Ho (QNU)	Room No.	Session I.D	Online Session II	Zoom (tba)
13.30-14.15	Keynote Speech				
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 Agrculture, Vietnam) and			Context Graph Alignment using Adversarial Learning for Air Pollution Detection on IoT Sensor Systems Thien Pham, Tuan Bui, Trung Mai (HCMUT, Vietnam), Quan Le, Chuong Dang, Thuat Nguyen (UIT, Vietnam) and Tho Quan	
14.35-14.55	Doan Dong Nguyen (International School - Vietnam National University, Vietnam)  Design of Yaw Controller for a Small Unmanned Helicopter Based on Fuzzy Logic Controller and PID-Based Adaptation		14.15-14.35	(HCMUT, Vietnam)  Deep Convolutional Support Vector Machines for Human Activity Recognition	
14.55-15.10	Tri Quang Le (UTEHY, Vietnam)		14.35-14.55 Tea break	Phuoc-Hai Huynh and Van Hoa Nguyen (An Giang University, Viet Nam National Ho Chi Minh City, Vietnam)	
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	Structural Health Monitoring and IoT: Opportunities and Challenges Marzuki Kamal and Atif Mansoor (The University of Western Australia, Australia)	
15.30-15.50	A framework to verify the ABAC policies in web applications Thanh-Nhan Luong (Hajbhong Linkreisty of Medicine and Pharmacy, Vietnam), Hong-Anh Le (Hanoi University of Mining and Geology, Vietnam), Dish-Hieu Vo and Ninh-Thuan Truong (University of Engineering and Technology, Vietnam National University, Vietnam).		15.30-15.50	Discovery the quality of UML models through an exploration of dataset in practice Khanh-Hoang Doan, The-Loc Nguyen and Mai-Huong Tran (Hanoi University of Mining and Geology, Vietnam)	
15.50-16.10	University, Verlamin  Appet-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), Is in Josep Tim Thanh (University of Economics, The Danang University, Vietnam), Plumong Dang Hoal (University of  Science and Technology, The Danang (University Vietnam) and Selfs infided (University Ceff Ed Aruf, France).		15.50-16.10	Distributed deep learning for big data time series analysis Dinh-Quang Hoang, Dang-Khoa Tran and Trong-Hop Do (University of Information Technology, Ho Chi Minh Cily, Vietnam)	
16.10-16.30			16.10-16.30	Edge Computing For Wireless Sensor Network Thien An Nguyen, Nhu Hung Huynh and Trong Nhan Le (Ho Chi Minh City University of Technology, Vietnam)	
DAY 2 (August 18, 2022)					
Session II.A	Intelligence Services and Applications II Chair(s): Assoc. Prof. Ngoc-Thinh Tran (HCMTU)	Room No.	Session II.C	Online Session III	Zoom (tba)
	Charles To Charles Transfer Charles To Charl			Chair(s): Dr. Xuan-Viet Le (QNU)	200111 (100)
8.30-9.30	1	Topic: Spatio-Tempora ker: Prof. O-Joun Lee (	Keynote Speech I Forecasting Model	s for Renewable Energy	20011 (100)
8.30-9.30 9.30-9.50	1	ker: Prof. O-Joun Lee (	Keynote Speech I Forecasting Model		
9.30-9.50 9.50-10.10	T Speak Combined local and global features for action recognition from motion sensors Trung-Hieu Le (Dainam University, Victnam), Quoc Tuan Nguyen, Thanh-Hai Tran (Hanol University) of Sc	ker: Prof. O-Joun Lee   tience and tietnam)	Keynote Speech I Forecasting Model The Catholic Universe 9.30-9.50 9.50-10.10	s for Renewable Energy ity of Korea, Rep. of Korea)  Indoor Localization Simulation Based on LoRa Ranging	n)
9.30-9.50	Combined local and global features for action-ecognition from motion sensors Trung-filler Lei (Tainam University, Vetraum), Quoc Truno Ryuyen, Thaoh-leis Tran (Hanoù University of Sc. Trung-filler (Lei (Tainam University, Vetraum)), and Cuong Piham (Posta & Telecon. Institute of Technology and ViroN Research, Vi Combining Artfildial Intelligence with the Internet of Things in Microalge Cultivation Ngu Lei Phi-Thu, Treu Nguyen-Van-Duong and Tinh Doan-Van (Vetraum - Korea University of Information Communication Technology, Vetraum)	ker: Prof. O-Joun Lee   tience and tietnam)	Keynote Speech I Forecasting Model The Catholic Universe 9.30-9.50	s for Renewable Energy iity of Korea, Rep. of Korea) Indoor Localization Simulation Based on LoRa Ranging Thanh Danh Pham, Nhut Quang Tran and Trong Nhan Le (to Chi Minh University of Technology, Vietnas Semantic Interoperability Issues and Challenges in IoT: A Bied Review Devamekala! Nagasundaram, Selvakumar Manickam and Shankar Karuppayah (Universiti Sains Malaysis Naturalness improvement of Vietnamese Text-to-Speech System using Diffusion Probabilistic model	n) , Malaysia)
9.30-9.50 9.50-10.10	Combined local and global features for action-ecognition from motion sensors Trung-Hiles Le (Bainam University, Vietnam), Quoc Trun Nguyen, Thanh-Hai Tran (Hand) University of Sc Trung-Hiles Le (Bainam University, Vietnam), Quoc Trun Nguyen, Thanh-Hai Tran (Hand) University of Sc Technology, Vietnam) and Cuong Pham (Posts & Telecom. Institute of Technology and Vinival Research, Victorial Combining Artificial Intelligence with the Internet of Things in Microalges Cultivation Ng Le-Thi-Thu, Tien Nguyen-Van-Puoni and Trini Dosan-Van (Vietnam - Korea University of Information	ker: Prof. O-Joun Lee ( tience and tietnam) n and	Keynote Speech I Forecasting Model The Catholic Universe 9.30-9.50 9.50-10.10	s for Renewable Energy iity of Korea, Rep. of Korea) Indoor Localization Simulation Based on LoRa Ranging Thanh Danh Pham, Nhut Quang Tran and Trong Nhan Le (Ho Chi Minh University of Technology, Vietnat Semantic Interoperability Issues and Challenges in IoT: A Brief Review Devametable Nagasundaram, Selekuhumar Manichan and Shanhar Kanappayah (Universiti Sains Malaysia Naturalness improvement of Vietnamese Text-to-Speech System using Diffusion Probabilistic model Unsupervised Data Enrichment Ting Tran, Tuan Nguyen, Hung Bai (Ho Chi Minh City University of Technology, Vietnam), Shinolog Nguy Company Limited, Vietnam, Ngishio Sain Occopany	n)  , Malaysia)  ling and en (FPT Software
9.30-9.50 9.50-10.10 10.10-10.30	Combined local and global features for action-ecognition from motion sensors Trung-filler Lei (Tainam University, Vertnam), Quoc Truns Rygven, Thaoh-leis Tran (Hanot University of Sc. Trung-filler Lei (Tainam University, Vertnam), Quoc Truns Rygven, Thaoh-leis Tran (Hanot University of Sc. Combining Artfildia Intelligence with the Internet of Things in Microalge Cultivation Ryg Lei (Thi-Thu, Tren Ngyven-Van-Duong and Tinh Doan-Van (Vetnam - Korea University of Information Communication Technology, Vertnam)  Computer-Aided Provisional Diagnosis System Using Machine Learning VirThu-Rygven Pham, Quang-Chung Rygven, Van-To-Than'n Rygven and Quang-Vu Nguyen (Vietnam-Ko	ker: Prof. O-Joun Lee   idence and idenam)  In and  area University of	Keynote Speech Forecasting Model The Catholic Univers  9.30-9.50  9.50-10.10  Tea break	s for Renewable Energy iity of Korea, Rep. of Korea) Indoor Localization Simulation Based on LoRa Ranging Thanh Danh Pham, Nhut Quang Tran and Trong Nhan Le (No Chi Minh University of Technology, Vietnam Semantic Interoperability Issues and Challenges in for A Brief Review Devamekalal Nagasundaram, Selvakumar Manickam and Shankar Karuppayah (Universiti Sains Malaysis Naturalness improvement of Vietnamese Text-to-Speech System using Diffusion Probabilistic model Unsupervised Data Enrichment Unsupervised Data Enrichment	n) , Malaysia) ling and en (FPT Software n Province), Vietnam,
9.30-9.50 9.50-10.10 10.10-10.30 10.30-10.50 10.50-11.10 11.10-11.30	Combined local and global features for actionrecognition from motion sensors Trung-Hies Le (Dainam University, Vietnam), Quoc Tuan Nguyen, Thanh-Hai Tran (Hanol University of Sc. Trung-Hies Le (Dainam University, Vietnam), Quoc Tuan Nguyen, Thanh-Hai Tran (Hanol University of Sc. Combining Artificial Intelligence with the Internet of Things in Microalgae Cuttivation Ngg Le Thi-Thu, Yirey Nguyen - Van Pauring and Tinh Doain-Van (Vietnam - Korea University of Information Computer-Aided Provisional Diagnosis System Using Machine Learning Virthu-Nguyer Mann, Quang-Chung Nguyen, Van-To-Thanh Nguyen and Quang-Vu Nguyen (Vietnam-Ko KT, Vietnam - Manney Chung Nguyen, Van-To-Thanh Nguyen and Quang-Vu Nguyen (Vietnam-Ko KT, Vietnam - Manney Chung Nguyen, Van-To-Thanh Nguyen and Quang-Vu Nguyen (Vietnam-Ko KT, Vietnam - Manney Chung Nguyen, Van-To-Thanh Nguyen and Quang-Vu Nguyen (Vietnam-Ko KT, Vietnam - Manney Chung Nguyen, Van-To-Thanh Nguyen and Quang-Vu Nguyen (Vietnam-Ko KT, Vietnam - Manney Chung Nguyen, Van-To-Thanh Nguyen and Quang-Vu Nguyen (Vietnam-Ko KT, Vietnam - Manney Chung Nguyen, Van-To-Thanh Nguyen and Quang-Vu Nguyen (Vietnam-Ko KT, Vietnam - Manney Chung Nguyen, Van-To-Thanh Nguyen and Quang-Vu Nguyen (Vietnam-Ko KT, Vietnam - Manney Chung Nguyen, Van-To-Thanh Nguyen and Quang-Vu Nguyen (Vietnam-Ko KT, Vietnam - Manney Chung Nguyen, Van-To-Thanh Nguyen and Quang-Vu Nguyen (Vietnam-Ko KT, Vietnam - Manney Chung Nguyen, Van-To-Thanh Nguyen and Quang-Vu Nguyen (Vietnam-Ko KT, Vietnam - Manney Chung Nguyen, Van-To-Thanh Nguyen and Quang-Vu Nguyen (Vietnam-Ko KT, Vietnam - Manney Chung Nguyen, Van-To-Thanh Nguyen and Quang-Vu Nguyen (Vietnam-Ko KT, Vietnam - Manney Chung Nguyen, Van-To-Thanh Nguyen and Quang-Vu Nguyen (Vietnam-Ko KT, Vietnam - Manney Chung Nguyen, Van-To-Thanh Nguyen and Quang-Vu Nguyen (Vietnam-Ko KT, Vietnam - Manney Chung Nguyen, Van-To-Thanh Nguyen and Quang-Vu Nguyen (Vietnam-Ko KT, Vietnam - Manney Nguyen, Van-To-Thanh Nguyen and Quang-Vu Nguyen (Vietnam-Ko KT, Vietnam - Manney Nguyen	ker: Prof. C-Joun Lee   clence and letnam)  n and  and  rea University of	Keynote Speech   Forecasting Model   Forecas	s for Renewable Energy iity of Korea, Rep. of Korea) Indoor Localization Simulation Based on LoRa Ranging Thanh Dash Pham, Nhuf Quang Tran and Trong Nhan Le (Ho Chi Minh University of Technology, Vietnam Semantic Interoperability Issues and Challenges in IoT: A Bief Review Devamekala Nagasundaram, Selvakumar Manickam and Shankar Karuppayah (Universiti Sains Malaysis Naturalness improvement of Vietnamese Text-to-Speech System using Diffusion Probabilistic model Unsupervised Data Enrichment Tung Tran, Tuna Rupyen, Hung Stu (Ho Chi Minh City University of Technology, Vietnam), Khuong Nguy Company Limited, Vietnami, Ngiha Gia Vo (Department of information and Communication of Binh Dini Tran Vir Phan and Do Quan (Ho Chi Minh City University of Erchology, Vietnam), Real-Time Traffic Congestion Forecasting using Prophet and Spark Streaming Ngan-Lim Nguyen, Longe Thod (Ng. Gel-Huy Lam and Trong (Hop Do (University of Information Techno	n)  Malaysia)  ling and en (FPT Software Province), Vietnam,
9.30-9.50 9.50-10.10 10.10-10.30 10.30-10.50 10.50-11.10	Combined local and global features for action-recognition from motion sensors Trung-Hiele Le (Dainam University, Vietnam), Quoc Tuan Nguyen, Thanh-Hai Tran (Hanol University of Sc Trung-Hiele Le (Dainam University, Vietnam), Quoc Tuan Nguyen, Thanh-Hai Tran (Hanol University of Sc Technology, Vietnam) and Cuong Pham (1995.8 & Telecon. Institute of Technology and VinA Research, Vi Combining Artificial Intelligence with the Internet of Things in Microalgae Cultivation Ng Le-Thi-Thu, Trung Rygeren-Van-Doung and Trinh Doan-Van (Vietnam - Korea University of Information Communication Technology, Vietnam)  Computer-Aided Provisional Diagnosis System Using Matchine Learning W-Thu-Hayoyet Pham, Quang-Chung Nguyen, Van-To-Thanh Nguyen and Quang-Vu Nguyen (Vietnam-Koc KT, Vietnam) 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 Qua (Vietnam-Korea University) of Information and Communication Technology, Vietnam Sentence-level Sentiment Analysis Using a CNN model on Contextualized Word Representations Hayes Trang Phan (Peurgnam University, South Korea)  Intelligence Service Experiments	ker: Prof. C-Joun Lee   clence and letnam)  n and  and  rea University of	Keynote Speech   Keynote Speech   Forecasting Model The Catholic University   9.30-9.50   9.50-10.10     Tea break   10.30-10.50     10.50-11.10	s for Renewable Energy iity of Krora, Rep. of Koraa) Indoor Localization Simulation Based on LoRa Ranging Thanh Danh Pham, Nhut Quang Tran and Trong Nhan Le (Ho Chi Minh University of Technology, Vietnam Semantic Interoperability Issues and Challenges in IoT: A Brief Review Devamedala Nagasundaram, Schokuhumar Manichan and Shanhar Karuppayah (Universiti Sains Malaysia Naturalness improvement of Vietnamese Text-to-Speech System using Diffusion Probabilistic model Unsuspervised Data Enrichment Ting Tran, Tuan Nguyen, Hung Bai (Ho Chi Minh City University of Technology, Vietnam), Khiuong Nguy Company Limited, Vietnam), Nghiuo Gai va Vietnamicor of Information and Communication of Binh Dini Tran Yu Pham and The Quan (Ho Chi Minh City University of Technology, Vietnam) Ngan-Linn Nguyen, Hoang-Thong Vo, Gia-Huy Lam and Trong-Hop Do (University of Information Techno City, Vietnam) Real-time Traffic Grow prediction using Big Data analytics Dang Khos Tran, Dish-Quaing Hoang, Vietnam, Le, Minh-Duc Nguyen Thai and Trong-Hop Do (University Centendogy, No Holm City, Vietnam)	n)  Malaysia)  ling and en (FPT Software Province), Vietnam,
9.30-9.50 9.50-10.10 10.10-10.30 10.30-10.50 10.50-11.10 11.10-11.30	Combined local and global features for actionrecognition from motion sensors Trung-Hile Le (Dainam University, Vietnam), Quoc Truns Nguyen, Thanh-Hal Tran (Hand) University of Sc Trung-Hile Le (Dainam University, Vietnam), Quoc Truns Nguyen, Thanh-Hal Tran (Hand) University of Sc Trung-Hile Le (Dainam University, Vietnam), Desc Truns Nguyen, Thanh-Hal Tran (Hand) University of Sch Combining Artificial Intelligence with the Internet of Things in Microsalges Cultivation Ngale T-Ih <sup>-</sup> Thu, Truns Nguyen-Ivan-Duog and Trinh Doan-Van (Vietnam - Korea University of Information Communication Technology, Vietnam) Computer Aided Provisional Diagnosis System Using Machine Learning Viv. The Nguyet Pham, Quarg-Chung Nguyen, Van-To-Thanh Nguyen and Quang-Yu Nguyen (Vietnam - Kor Truns (Trung (PT University, Vietnam), Nee-Dong Jarrig (Dong A University, South Korea) and Anh Qua Vietnam Korea University of Information and Communication Technology, Vietnam Sentence-level Sentiment Analysis Using a CNN model on Contextualised Word Representations Huyen Trang Phan (Prangman University, South Korea) Intelligence Service Experiments Chair(s): Assoc-Prof. Nguyen Thi Thuy (VNUA)	kee Pref. O-Joun Lee je de leere and deterand deterand and deterand and deterand and deterand and deterand leere and manufacture and manufacture and Technology, Room No.  Topic: On the	Reynote Speech   Revenue	s for Renewable Energy tity of Korea, Rep. of Korea)  Anders Coadstains Simulation Based on Lofts Ranging Thanh Danh Pham, Nhut Quang Tran and Trong Nhan Le (Ho Chi Minh University of Technology, Vietnan Semantic Interoperability Issues and Challenges in IoT. A Bord Review Devamehalah Nagasundrarm, Selvakumar Manickam and Shankar Karuppayah (Universiti Sains Malaysia Devamehalah Nagasundrarm, Selvakumar Manickam and Shankar Karuppayah (Universiti Sains Malaysia Naturalness Improvement of Vietnamese Text-to-Speech System using Diffusion Probabilistic model Unsupervised Data Enrichment Ling Tran, Tianh Rapyer, Ning Basi, (Ho Xi) Chi Minh City University of Technology, Vietnam), Khaong Nayor Tran Vu Pham and The Quan (Ho Chi Minh City University of Technology, Vietnam) Real-Time Traffic Congestion Forecasting using Prophet and Spank Streaming Najor Linn Nayore, Hoang Thong Vo, Giai-Hoy Laim and Trong-Hop De (University of Information Techno City, Vietnam) Real-time traffic flow prediction using Big Data analytics Dang Khoh Tran Din-Dang Holong, Viet-Trang Le, Minh-Duc Nguyen Thai and Trong-Hop Do (University Chalifig): Assoc Prof. Le Van Hung (HUMG) ta	n) , Malaysia) liing and en (FPT Software Province), Vietnam, logy, Ho Chi Minh ty of Information
9.30-9.50 9.50-10.10 10.10-10.30 10.30-10.50 10.50-11.10 11.10-11.30 11.30-13.30 Session II.B	Combined local and global features for actionrecognition from motion sensors Trung-Hile Le (Dainam University, Vietnam), Quoc Truns Nguyen, Thanh-Hal Tran (Hand) University of Sc Trung-Hile Le (Dainam University, Vietnam), Quoc Truns Nguyen, Thanh-Hal Tran (Hand) University of Sc Trung-Hile Le (Dainam University, Vietnam), Desc Truns Nguyen, Thanh-Hal Tran (Hand) University of Sch Combining Artificial Intelligence with the Internet of Things in Microsalges Cultivation Ngale T-Ih <sup>-</sup> Thu, Truns Nguyen-Ivan-Duog and Trinh Doan-Van (Vietnam - Korea University of Information Communication Technology, Vietnam) Computer Aided Provisional Diagnosis System Using Machine Learning Viv. The Nguyet Pham, Quarg-Chung Nguyen, Van-To-Thanh Nguyen and Quang-Yu Nguyen (Vietnam - Kor Truns (Trung (PT University, Vietnam), Nee-Dong Jarrig (Dong A University, South Korea) and Anh Qua Vietnam Korea University of Information and Communication Technology, Vietnam Sentence-level Sentiment Analysis Using a CNN model on Contextualised Word Representations Huyen Trang Phan (Prangman University, South Korea) Intelligence Service Experiments Chair(s): Assoc-Prof. Nguyen Thi Thuy (VNUA)	kee Prof. O-Joun Lee judge de le	Reynote Speech   Revenue	s for Renewable Energy tity of Korea, Rep. of Korea) Indoor Localization Simulation Based on Lofta Ranging Thanh Dash Phame, Nhut Quang Tran and Trong Nhun Le (No Chi Minh University of Technology, Vietnam Samantic Interoperability Issues and Challenges in IoT. A Brief Review Devamehalan Nagasundrarm, Sehakumar Manickam and Shankar Karuppayah (Universiti Sains Malaysia Naturalness improvement of Vietnamese Text-to-Speech System using Diffusion Probabilistic mode Unsupervised Data Enrichment Ling Tran, Tuan Rapuyen, Hung Bal (No Chi Minh City University of Technology, Vietnam), Rhoong Nguy Company Limited, Vietnami, Nglina Gai Vo (Department of Information and Communication of Binh Din Tran No Tham and The Quan (to Chi Minh City University of Technology, Vietnam), Rhoong Nguy Company Limited, Vietnami, Nglina Gai Vo (Department of Information and Communication of Binh Din Tran No Tham and The Quan (to Chi Minh City University of Technology, Vietnam) Naga-Lim Text Traffic Congestion Forecasting using Popeta and Spark Streaming Naga-Lim Rayen, Hoang-Thong Vo, Gia-Huy Lam and Trong-Hop Do (University of Information Techno City, Vietnam) Read-Immer Traffic Congestion Forecasting using Popeta analytics Dang-Riboa Tran, Din-Dange Hoong, Viet-Thang Le, Minh-Duc Nguyen Thai and Trong-Hop Do (University of Information Technology, China)  Online Session IV  Chair (COUD-19  Lity County Count	n)  Iling and  In (FFT Software Province), Vichnam,  logy, No Chi Minh  Zoom (tbs)
9.30-9.50  9.50-10.10  10.10-10.30  10.30-10.50  10.50-11.10  11.10-11.30  11.30-13.30  Session II.B	Combined local and global features for action-ecognition from motion sensors Trung-Hiele Le (Dainam University, Vietnam), Quoc Tuan Nguyen, Thanh-Hai Tran (Hanol University of Sc Trung-Hiele Le (Dainam University, Vietnam), Quoc Tuan Nguyen, Thanh-Hai Tran (Hanol University of Sc Technology, Vietnam) and Cuong Pham (1995.8 & Telecon, Institute of Technology and ViniA Research, Vi Combining Artificial Intelligence with the Internet of Things in Microalgae Cultivation Nguyen (1996.) Aga Le-Thi-Thu, Tien Nguyen-I van Dong and Trinh Doan-Van (Vietnam - Korea University of Information Communication Technology, Vietnam)  Computer-Aided Provisional Diagnosis System Using Machine Learning Wi-Thu-Nguyet Pham, Quang-Chung Nguyen, Van-To-Thanh Nguyen and Quang-Vu Nguyen (Vietnam-Koc Kry, Vietnam)  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 Qua (Vietnam-Koca University of Information and Communication Technology, Vietnam) and Anh Qua (Vietnam-Koca University of Information and Communication Technology, Vietnam)  Sentence-level Sentiment Analysis Using a CNW model on Contextualized Word Representations  Vietnam-Level Information (Vietnam-Vietnam)  Sentence-level Sentiment Analysis Using a CNW model on Contextualized Word Representations  Polland), and Dosam Hwang (Yeungnam University, South Korea) Anhan Inyuen (Wrocdaw University of Scie Polland), and Dosam Hwang (Yeungnam University, South Korea)  Intelligence Service Experiments  Chair(s): Assoc. Prof. Nguyen Thi Thuy (VNUA)  Spi  Stock Price Prediction in Vietnam using Stacked LSTM  Nguyen Trung Than (National Economics University, Vietnam), Thu Hang Nguyen, and Thanh Thi Hen Du  University of Mining and Geology, Vietnam)  A High-Performance FPGA-Based Feature Engineering Architecture for Instrusion Detection System in Tran Hosong Quoc das (Ho Chi Minh City University of Technology, Vietnam), con Communications (URCL, Japan)	ker Prof. O-Joun Lee je idence and idented	Reynote Speech   Forecasting Model	s for Renewable Energy itly of Krons, Rep. of Konsa) Indoor Localization Simulation Based on LoRa Ranging Thanh Danh Pham, Nhari Quang Tran and Trong Nhan Le (Ho Chi Minh University of Technology, Vietnam) Semantic Interoperability Issues and Challenges in IoT: A Brief Review Devamedala Nagasundaram, Schekuhumar Manichan and Shanhar Kanappayah (Universiti Sains Malaysia Naturalness improvement of Vetnamese Text-to-Speech System using Diffusion Probabilistic model Unsuspervised Data Enrichment Ting Tran, Tuan Naguren, Hung Bia (Ho Chi Minh City University of Technology, Vietnam) Tran Vur Pham and The Quan (Ho Chi Minh City University of Technology, Vietnam) Real-Time Traffic Congestion Forcectains using Prophet and Spark Streaming Ngan-Linn Nagwen, Hoang-Thong Vo, Gia-Huy Lam and Trong-Hop Do (University of Information Techno City, Vietnam) Real-dime traffic flow prediction using Big Data analytics Dang-khos Tran, Dish-Caung Hoang, Viet-Thang Le, Minh-Duc Nguyen Thai and Trong-Hop Do (University of Information Texno Chalfels, Assoc. Prof. Le Van Hung (HUMG)  Conline Session IV Chalfels, Assoc. Prof. Le Van Hung (HUMG) Intelligent Scene Text Recognition in Streaming Videos Minh-Quan Ha, Virlao Phan Pan, Bo AD, Nguyen, Hoai-Boo Nguyen, Trong Hop Do (University of Information Texno Childhic Quan Hay Virlao Phan, Bao AD, Nguyen, Hoai-Boo Nguyen, Trong Hop Do (University of Information Texno Chalfels Scene Text Recognition in Streaming Videos	n)  Malaysia)  Iling and  In (FPT Software Prodrice), Vietnam,  logy, Ho Chi Minh  Zoom (tba)  Zoom (tba)
9,30-9,50  9,50-10,10  10,10-10,30  10,30-10,50  11,10-11,30  11,30-13,30  Session II.B  14,15-14,35	Combined local and global features for action-ecognition from motion sensors Trung-Hile Le (Dainam University, Vietnam), Quoc Tuan Nguyen, Thanh-Hai Tran (Hand) University of Sc Trung-Hile Le (Dainam University, Vietnam), Quoc Tuan Nguyen, Thanh-Hai Tran (Hand) University of Sc Technology, Vietnam) and Cuong Pham (1991s. & Technology, Vietnam) and Cuong Pham (1991s. & Technology, Vietnam) and Cuong Pham (1991s. & Technology, Vietnam).  Computer-Aided Provisional Diagnosis System Using Machine Learning Vir-Tha-Ngoyet Pham, Quang-Chung Nguyen, Van-To-Thanh Nguyen and Quang-Vu Nguyen (Vietnam-Ko Cry, Vietnam).  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 Qua (Vietnam-Korac Vietnam), Hee-Dong Jang (Dong-A University, South Korea) and Anh Qua (Vietnam-Korac Vietnam) and Communication Technology, Vietnam).  Sentence-level Sentiment Analysis Using a CNN model on Contextualized Word Representations Huyen Trang Phin (Perugnam University, South Korea) (Articular Vietnam Vietnam Vietnam).  Intelligence Service Experiments  Chair(s): Assoc. Prof. Nguyen Thi Thuy (VNUA)  Spo Soock Price Prediction in Vietnam using Stacked LSTM Nguyen Trung Tana (National Economics University, Vietnam), Thu Hang Nguyen, and Thanh Thi Hien D. University of Mining and Goology. Vietnam (Long-Vietnam), Long Tan Le (The University) Tran Hong Quoe Exp. Trink (Host Mish Mich City University) of Technology, Vietnam), Long Tan Le (The University) Tran Hong Quoe Exp. Think (Host Mish (City University) of Technology, Vietnam), Long Tan Le (The University)	ker Prof. O-Joun Lee Jeierce and oileince and Technology,  Room No.  Topic: On the eaker: Prof. Jiming Ch Joung (Hanol  SDN Networks of Sydney, Jiminersity of Electro- Jiminersity of Electro-	Reynote Speech   Forecasting Model	s for Renewable Energy tity of Krona, Rep. of Kona) Indoor Localization Simulation Based on LoRa Ranging Tranh Dash Pham, Nhar Quang Tran and Trong Rhan Le (No Chi Minh University of Technology, Vietnan) Semantic Interoperability Issues and Challenges in 10T. A Brief Review Devanrebal Nagasundaron, Seinbalman's Minichan and Sharibar Rangapayah (University Sains Malaysia) Naturalness improvement of Vietnamese Text-to-Speech System using Diffusion Probabilistic model Unsupervised Data Enrichment Tung Tran, Tuan Nguyen, Hung Bal (Ho Chi Minh City University of Technology, Vietnam), Khuong Nguy Company Limited, Vietnam), Nglaic Gav to (Department of Information and Communication of Binh Diri Tran Vu Tham and The Quan (Ho Chi Minh City University of Technology, Vietnam) Ngan-Linn Nguyen, Isongs Trong Vo, Gia-Hoy Lam and Trong-Hop Do (University of Information Techno City, Vietnam) Real-time Traffic Groupestion Forecasting using Prophet and Spark Streaming Ngan-Linn Nguyen, Isongs Trong Vo, Gia-Hoy Lam and Trong-Hop Do (University of Information Techno City, Vietnam) Real-time Traffic Groupestion Forecasting using Prophet and Spark Streaming Ngan-Linn Hamilton (Linn Horna) Groupesting University of Information Techno Company Diriet (Linn Horna) Groupesting University of Information Technology, Ho Chi Minh City, Vietnam)  Online Session IV Chairlis', Assoc. Prof. Le Van Hung (HUMG)  Let of COVID-13  lay of Technology, China)  Intelligent Scene Text Recognition in Streaming Videos  Minimum Scene Text Recognit	n)  Malaysia)  Iling and  In (FPT Software Prodrice), Vietnam,  logy, Ho Chi Minh  Zoom (tba)  Zoom (tba)
9.30-9.50  9.50-10.10  10.10-10.30  10.30-10.50  10.50-11.10  11.10-11.30  11.30-13.30  Session II.B  13.30-14.15  14.15-14.35	Combined local and global features for action-ecognition from motion sensors Trung-Hiele Le (Dainam University, Vietnam), Quoc Tuan Nguyen, Thanh-Hai Tran (Hanol University of Sc Trung-Hiele Le (Dainam University, Vietnam), Quoc Tuan Nguyen, Thanh-Hai Tran (Hanol University of Sc Technology, Vietnam) and Cuong Pham (1995.8 & Telecon, Institute of Technology and ViniA Research, Vi Combining Artificial Intelligence with the Internet of Things in Microalgae Cultivation Nguyen Jaya (1996.8) and Transport of Communication Technology, Vietnam)  Computer-Aided Provisional Diagnosis System Using Machine Learning W:-Thu-Nguyet Pham, Quang-Chung Nguyen, Van-To-Thanh Nguyen and Quang-Yu Nguyen (Vietnam-Koc Cry, Vietnam)  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 Quo (Vietnam-Koca University of Information and Communication Technology, Vietnam)  Sentence-Ived Seatiment Analysis Using a CNW model on Contextualized Word Representations  Vietnam-Level Seatiment Analysis Using a CNW model on Contextualized Word Representations  New Transport Phan (Pransport University, South Korea) and Donam Hwang (Yeungnam University, South Korea)  Intelligence Service Experiments  Chair(s): Assoc. Prof. Nguyen Thi Thuy (VNUA)  Spo  Stock Price Prediction in Vietnam using Stacked LSTM  Nguyen Trung Than (National Economics University, Vietnam), Thu Hang Nguyen, and Thanh Thi Hen D.  University of Mining and Geology, Vietnam)  A High-Performance FPGA-Based Feature Engineering Architecture for Intrusion Detection System in  Tran Hosong Douc Based Feature Engineering Architecture for Intrusion Detection System in  Tran Hosong Douc Based Feature Engineering Architecture for Intrusion Detection System in  Tran Hosong Douc Based Feature Engineering Architecture for Intrusion Detection System in  Tran Hosong Douc Based Feature Engineering Architecture for Intrusion Detection System in  Tran Hosong Douc Based Featu	ker Prof. O-Joun Lee Jeierce and oileince and Technology,  Room No.  Topic: On the eaker: Prof. Jiming Ch Joung (Hanol  SDN Networks of Sydney, Jiminersity of Electro- Jiminersity of Electro-	Reynote Speech Forecasting Model Forecasting Model 9 30-9.50 9 30-10.10  Tea break 10.30-10.50  10.50-11.10  11.10-11.30  Lunch Session II.D  Keynote Speech Fernoral-speach on (Driglang Universe) 14.15-14.35	s for Renewable Energy ity of Korea, Rep. of Korea) Indoor Localization Simulation Based on LoRa Ranging Tranh Dash Pham, Nhat Quang Tran and Trong Rhan I.e (No Chi Minh University of Technology, Vietnan) Semantic Interoperability Issues and Challenges in 107. A Brief Review Devanrebala Nagasundarom, Scholaumar Maintdom and Sharibar Rangapayah (Universiti Sains Malaysia Naturalness improvement of Vietnamese Text-to-Speech System using Diffusion Probabilistic model Unsupervised Data Enrichment Tung Tran, Tuan Nguyen, Hung Ball (Ho Chi Minh City University of Technology, Vietnam), Rhiuong Nguy Company Limited, Vetnam), Rybia cia vo (Department of Information and Communication of Binh Dini Tran tu Piana and The Qiann Ibo Chi Minh City University of Technology, Vietnam) Ngan-Linn Nguyen, Hoong-Trong Vo, Gia-Huy Lam and Trong-Hop Do (University of Information Techno City, Vietnam) Real-time Traffic Row prediction using Rigo Data analytics Dang-Rhoa Tran (Din-Qiang) Hoong, Vietnam) Real-time Traffic Row prediction using Rigo Data analytics Dang-Rhoa Tran (Din-Qiang) Hoong, Vietnam) Vietnamese Sentence Para Recognition in Streaming Vietnam Intelligent Scene Text Recognition in Streaming Videos Minh Cault Nut, Vietnam) Safety heimed Sected Control (Chi Minh City, Open University Vietnam) Vietnamese Sentence Paraphrase Identification using Sentence-BERT and PhoBERT Long Phan, Hieu Le, Phuco Doun, Duy Tran and Nguyen Huyth (HCMUT, Vietnam)	n)  Malaysia)  Iling and  In (FPT Software Prodrice), Vietnam,  logy, Ho Chi Minh  Zoom (tba)  Zoom (tba)
930-950 950-10.10 10.10-10.30 10.30-10.50 10.50-11.10 11.10-11.30 11.30-13.30 Session II.B 13.30-14.15 14.15-14.35 14.35-15.15	Combined local and global features for actionrecognition from motion sensors Trung-Hieu Le (Dainam University, Vietnam), Quoc Tuan Nguyen, Thanh-Hai Tran (Hanol University of Sc Trung-Hieu Le (Dainam University, Vietnam), Quoc Tuan Nguyen, Thanh-Hai Tran (Hanol University of Sc Technology, Vietnam) and Cuong-Pham (1995.8 & Telecon. Institute of Technology and Vina Research, Vietnam), Page 1-Thi-Thu, Treis Nguyen-Ivan-Duong and Trinh Doan-Van (Vietnam - Korea University of Information Communication Technology, Vietnam)  Computer-Aided Provisional Diagnosis System Using Machine Learning W-Thu-Hayote Pham, Quang-Chung Nguyen, Van-To-Thanh Nguyen and Quang-Vu Nguyen (Vietnam-Koc KT, Vietnam)  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 Qua (Vietnam-Koca University) of Information and Communication Technology, Vietnam Sentence-level Sentiment Analysis Using a CNN model on Contextualized Word Representations Hayeri Triag Phan (Purugnam University, South Korea)  Sentence-level Sentiment Analysis Using a CNN model on Contextualized Word Representations Hayeri Triag Phan (Purugnam University, South Korea)  Intelligence Service Experiments Chair(s): Assoc. Prof. Nguyen Thi Thuy (VNUA)  Spo  Stock Price Prediction in Vietnam using Stacked LSTM Nguyen Trung Tana (National Economoca University), Vietnam), Thu Hang Nguyen, and Thash Thi Hien Du University of Mining and Geology, Vietnam)  A High-Performance PRGA-Based Feature Engineering Architecture for Instrusion Detection System in Tran Hosong Quoc Based Feature Engineering Architecture for Instrusion Detection System in Tran Hosong Quoc Based Feature University of Technology, Vietnam), Long Tan Let (The University Anal Hosonard Communication (UCL), Japan)  An FEGA-Based Solution for Convolution Operation Acceleration Trung Pham-Diuc Sas Based-Gia Laim Luu-Trinh, Minh Nguyen-Dioh, Hal Pham-Duc, Khoa Bui-Anh, Xuan Cung Pham-Duc, Bioc Mind A	Report Octobrology,  Room No.  Topic: On the baker Prof. Inlining Ch using Riguyen Vu  Room No.  Topic: On the baker Prof. Jiming Ch using Riguyen and Room Room Room Room Room Room Room Roo	Reynote Speech Forecasting Model Forecasting Model 9 30-9.50 9 30-10.10  Tea break 10.30-10.50 10.50-11.10 11.10-11.30 Lunch Session II.D Lunch Lunch 11.10-11.30 Lunch 11.10-	s for Renewable Energy itly of Korea, Rep. of Korea) Indoor Localization Simulation Based on LoRa Ranging Thanh Dush Pham, Nhut Quang Tran and Trong Nhan Le (Ho Chi Minh University of Technology, Vietnan) Semantic interoperability Issues and Challenges in Iot: A Brief Review Devamedala Nagasundaram, Selekuhumar Manichan and Shanhar Kanappayah (Universiti Sains Malaysia Naturalness improvement of Vietnamese Text-to-Speech System using Diffusion Probabilistic model Unsuspervised that Enrichment Ting Tran, Tuan Nguyen, Hung Bai (Ho Chi Minh City University of Technology, Vietnam), Rhong Nguy Company Limited, Verhaman), Righis Gai vo (Department of Information and Communication of Binh Dini Tran Vur Pham and Tho Quan (Ho Chi Minh City University of Technology, Vietnam) Nagan-Linn Traffic Congestion Forocating using Prophet and Spark Streaming Nagan-Linn Nguyen, Hoang-Thong Vo, Gia-Huy Lam and Trong-Hop Do (University of Information Techno City, Vietnam) Real-time Traffic Grow prediction using Big Data analytics Dang-Richo Tran, Dinh-Cabang Toong, Viet-Thang Le, Minh-Duc Nguyen Thai and Trong-Hop Do (University Technology, Not Minh City, Vietnam)  Online Session IV Chair(s): Assoc. Prof. Le Van Hung (HUMG) Lat of COVID-13  stry of Technology, China) Intelligent Scene Text Recognition in Streaming Wideos Minh-Quan Ha, Vyrao Phan, Boo, D. O. Raymen, Hoal-Bao Nguyen, Trong Hop Do (University of Information Chi Minh City, Vietnam), Canaphan Spark Spark Pham (Vietnam National University of Agriculture, Vietnam) and ISogney University, Scienchin, Tan-No Nguyen (Ryungpoo	n)  Iling and  In (FFT Software Province), Victram,  logy, Ho CN Minh  Zoom (tba)  Zoom (tba)  A National
9,30-9,50  9,50-10,10  10,10-10,30  10,30-10,50  11,30-13,30  11,30-13,30  Session II.B  14,15-14,35  14,35-14,55  14,55-15,15  15,15-15,30	Combined local and global features for action-ecognition from motion sensors Trung-Hiles Le (Dainam University, Vietnam), Quoc Truna Nguyen, Thanh-Hal Tran (Hand) University of Sc Trung-Hiles Le (Dainam University, Vietnam), Quoc Truna Nguyen, Thanh-Hal Tran (Hand) University of Sc Trung-Hiles (Le (Dainam University, Vietnam), Quoc Truna Nguyen, Thanh-Hal Tran (Hand) University of Sc Combining Artificial Intelligence with the Internet of Things in Microalges Cultivation Ngale T-Thi-Thu, Tren Nguyen-van-Duong and Trinh Doan-Van (Vietnam - Korea University of Information Communication Technology, Vietnam) Gomputer-Aided Provisional Diagnosis System Using Machine Learning Wh. Thu-Nguyet Pham, Quaye, Chung Nguyen, Van-To-Thanh Nguyen and Quang-Yu Nguyen (Vietnam - Kore Truna (PT Distribute Sity), Vietnam), New Dong Jang (Dong A University, South Korea) and Anh Quay Vietnam Arous Vietnam - Korea (Pt Distribute Sity), Vietnam - Korea Trun Tan Trung (PT Distribute Sity), Vietnam), New Dong Jang (Dong A University), South Korea) and Anh Quay Vietnam Arous Vietnam - Korea (Pt Distribute Sity), Vietnam - Korea Trung Tan (Pregnam University), South Korea), Orat Transh Nguyen (Wrodaw University of Sich Poland), and Dosam Hwang (Veungram University), South Korea)  Intelligence Service Experiments Chair(S): Assoc. Prof. Nguyen Thi Thuy (VNUA)  Spo Slock Price Prediction in Wietnam using Stacked LSTM Nguyen Trung Tran (National Economics University), Vietnam), Thu Hang Nguyen, and Thanh Thi Hen Du University of Mining and Geology, Vietnam, Long Tan Le (The University A High-Performance PEGA-Based Feature Engineering Architecture for Intrusion Detection System in Tran Hong Quoe Bas (Hot Ori Min Chir) University of Technology, Vietnam), Long Tan Le (The University A High-Performance PEGA-Based Feature Engineering Architecture for Intrusion Detection System in Tran Homg Quoe Bas (Hot Ori Min Chir) University of Technology, Vietnam), Long Tan Le (The University A High-Performance PEGA-Based Feature Engineering Architecture for In	Rem Prof. O-Joun Lee Jese Prof. Jese Prof. O-Joung (Hanol O-Joung Mayer and New York) (New York) (N	Keynote Speech   Forecasing Model	s for Renewable Energy ity of Korea, Rep. of Korea) Indoor Localization Simulation Based on LoRa Ranging Tranh Dash Pham, Nhat Quang Tran and Trong Rhan Ic (No Chi Minh University of Technology, Vietnam Semantic Interoperability Issues and Challenges in 107. A Brief Review Devanrebala Nagasundaron, Seinbulmur Minicham and Shuthar Rangapayah (University Sains Malaysia Naturalness improvement of Vietnamese Text-to-Speech System using Diffusion Probabilistic model Unsupervised Data Enrichment Tung Tran, Tuan Nguyen, Hung Ball (Ho Chi Minh City University of Technology, Vietnam), Albuong Nguy Company Limited, Vetnam), Nghia cia vo (Department of Information and Communication of Binh Diri Tran Yu Rhan and Tho Quan (Ho Chi Minh City University of Technology, Vietnam), Nahong Nguy Company Limited, Vetnam), Nghia cia vo (Department of Information and Communication of Binh Diri Tran Yu Rhan and Tho Quan (Ho Chi Minh City University of Technology, Vietnam) Ngan-Linn Nguyen, Hoang-Trong Vo, Gia-Huy Lam and Trong-Hop Do (University of Information Techno City, Vietnam) Ngan-Linn Nguyen, Hoang-Trong Vo, Gia-Huy Lam and Trong-Hop Do (University of Information Techno Clary, Vietnam) Vietnamer Laffif: flow prediction using Big Data analytics Dang-Khoa Tran Diri-Daugne Hoang, Vietnam, Vietnam August Polary (House) Vietnamer Scene Text Recognition in Streaming Videos Minh Caun Ha, Y-Hao Phan, Bao D. Q. Raysen, Hoal-Bao Nguyen, Trong Hop Do (University of Information Chi Minh City, Vietnam) Selfety heimet detection at construction sites using VOLOv5 and VOLOR Von Than Tran, Than Nagar O (Ho Chi Minh City Open University, Vietnam) Vietnamere Sentence Paraphrase Identification using Sentence-BERT and PhoBERT Long Phan, Hiell Le, Phouc Doan, Duy Tran and Nguyen Huynh (HCMUT, Vietnam)  A study of Riter-based feature selection in software fault prediction Phanses Sentence Paraphrase Identification using Sentence-BERT and PhoBERT Long Phan, Hiell Le, Phouc Doan, Duy Tran and Nguyen Huynh (HCMUT, Vietnam)	n)  Iling and  In (PFT Software Province), Vietnam,  org, Ho Chi Minh  Zoom (tbs)  Zoom (tbs)  In Thi My Hanh  n), Le Thi My Hanh  n), Le Thi My Hanh
9,30-9,50  9,50-10,10  10,10-10,30  10,30-10,50  11,30-11,10  11,10-11,30  11,30-13,30  Session II,B  13,30-14,15  14,15-14,35  14,35-14,55  15,15-15,30  15,30-15,50	Combined local and global features for action-ecognition from motion sensors Trung-Hile Le (Dainam University, Vietnam), Quoc Tuan Nguyen, Thanh-fal Tran (Hand) University of Sc Trung-Hile Le (Dainam University, Vietnam), Quoc Tuan Nguyen, Thanh-fal Tran (Hand) University of Sc Trung-Hile Le (Dainam University, Vietnam), Door Tuan Nguyen, Thanh-fal Tran (Hand) University of Sentenders, Vietnam, and Company and State Sentenders, Vietnam - Korea University of Information Communication Technology, Vietnam, and Tranh Dainam Van (Vietnam - Korea University of Information Communication Technology, Vietnam)  Computer-Aided Provisional Diagnosis System Using Machine Learning Viv. Thu-Nguyet Pham, Quang-Chung Nguyen, Van-To-Thanh Nguyen and Quang-Vu Nguyen (Vietnam-Kor Cyt. Vietnam)  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 Qua (Welstam-Korea University of Information and Communication Tethology, Vietnam) Sentence-level Sentiment Analysis Using a CNM model on Contextualized Word Representations Hyeaps Trang Phan (Perugnam University, South Korea)  Intelligence Service Experiments  Chair(s): Assoc. Prof. Nguyen Thi Thuy (VNUA)  Sp  Sook Price Prediction in Vietnam using Stacked LSTM Nguyen Trung Tian (National Conomics University, Vietnam), Thu Mang Nguyen, and Thanh Thi Hien Du University of Mining and Goolegy, Vietnam) A High-Performance FFGA-Based Feature Engineering Architecture for Intrusion Detection System in Tran Hong Quoc Bao (Hot Chi Minin City University) of Technology, Vietnam), Long Tan te (The University) A High-Performance FFGA-Based Feature Engineering Architecture for Intrusion Detection System in Tran Hong Quoc Bao (Hot Chi Minin City University) of Technology, Vietnam), Long Tan te (The University) A High-Performance FFGA-Based Feature Engineering Architecture for Intrusion and Communication Technology, Vietnam, August August August August August August August Augu	Rem Prof. O-Joun Lee Jese Prof. Jese Prof. O-Joung (Hanol O-Joung Mayer and New York) (New York) (N	Keynote Speech Forecasing Model Forecasing Model 9 30-9.50 9 50-10.10 Tea break 10 30-10.50 10 50-11.10 11.10-11.30 Lunch Session II.D Keynote Speech 10 30-10.50 14 35-14.55 14 35-14.55 Tea break 15 30-15.50	s for Renewable Energy tity of Korea, Rep. of Korea) Indoor Localization Simulation Based on LoRa Ranging Trunh Dash Pham, Nhar Quang Tran and Trong Rhan Le (No Chi Minh University of Technology, Vietnam Samantic Interoperability Issues and Challenges in 167. A Brief Review Devamehalah Nagarandaram, Selvalumar Manickam and Shankar Karuppayeh (Universit) Sains Malaysia Naturalness Improvement of Vietnamese Text-to-Speech System using Diffusion Probabilistic mode University and Sandaram Selvalumar Manickam and Shankar Karuppayeh (University Sains Malaysia Naturalness Improvement of Vietnamese Text-to-Speech System using Diffusion Probabilistic mode University Sains American Sains Sai	n)  Iling and  In (FFT Software Province), Victnam,  logy, No CN Minh  Zoom (tba)  Zoom (tba)  Ion Technology, No CN Minh  No CN Minh  Ion Technology, No CN Minh  Ion Tec
9,30-9,50  9,50-10,10  10,10-10,30  10,30-10,50  11,30-11,10  11,10-11,30  11,30-13,30  Session II,B  13,30-14,15  14,15-14,35  14,35-14,55  15,15-15,30  15,30-15,50	Combined local and global features for action-ecognition from motion sensors Trung-Hile Le (Dainam University, Vietnam), Quoc Tuan Nguyen, Thanh-fal Tran (Hand) University of Sc Trung-Hile Le (Dainam University, Vietnam), Quoc Tuan Nguyen, Thanh-fal Tran (Hand) University of Sc Trung-Hile Le (Dainam University, Vietnam), Door Tuan Nguyen, Thanh-fal Tran (Hand) University of Sentenders, Vietnam, and Company and State Sentenders, Vietnam - Korea University of Information Communication Technology, Vietnam, and Tranh Dainam Van (Vietnam - Korea University of Information Communication Technology, Vietnam)  Computer-Aided Provisional Diagnosis System Using Machine Learning Viv. Thu-Nguyet Pham, Quang-Chung Nguyen, Van-To-Thanh Nguyen and Quang-Vu Nguyen (Vietnam-Kor Cyt. Vietnam)  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 Qua (Welstam-Korea University of Information and Communication Tethology, Vietnam) Sentence-level Sentiment Analysis Using a CNM model on Contextualized Word Representations Hyeaps Trang Phan (Perugnam University, South Korea)  Intelligence Service Experiments  Chair(s): Assoc. Prof. Nguyen Thi Thuy (VNUA)  Sp  Sook Price Prediction in Vietnam using Stacked LSTM Nguyen Trung Tian (National Conomics University, Vietnam), Thu Mang Nguyen, and Thanh Thi Hien Du University of Mining and Goolegy, Vietnam) A High-Performance FFGA-Based Feature Engineering Architecture for Intrusion Detection System in Tran Hong Quoc Bao (Hot Chi Minin City University) of Technology, Vietnam), Long Tan te (The University) A High-Performance FFGA-Based Feature Engineering Architecture for Intrusion Detection System in Tran Hong Quoc Bao (Hot Chi Minin City University) of Technology, Vietnam), Long Tan te (The University) A High-Performance FFGA-Based Feature Engineering Architecture for Intrusion and Communication Technology, Vietnam, August August August August August August August Augu	Report Octobrology,  Room No.  Topic On the eaker. Prof. Disning Change (Hano)  SON Networks of Sydney, when you can be called the control of the called t	Keynote Speech   Forecasing Model	s for Renewable Energy tity of Korea, Rep. of Korea) Modor Localization Simulation Based on Lofta Ranging Therh Dash Pham, Nhut Quang Tran and Trong Nhun Le (No Chi Minh University of Technology, Vietnam Semantic Interoperability Issues and Challenges in IoT. A Brief Review Devamehalan Nagasundrarm, Sehakumar Manickam and Shankar Karuppayah (University Sains Malaysia Naturalness Improvement of Vietnamese Text-to-Speech System using Diffusion Probabilistic mode University of Data Enrichment Ling Tran, Tuan Nguyen, Hung Bali (No Chi Minh City University of Technology, Vietnam), Rhoung Nguy Company Limited, Vietnam, Nghia Gai Vo (Department of Information and Communication of Binh Dir Tran No Than and The Quan (the Chi Minh City University of Technology, Vietnam), Rhoung Nguy Company Limited, Vietnam, Nghia Gai Vo (Department of Information and Communication of Binh Dir Tran No Than and The Quan (the Chi Minh City University of Technology, Vietnam) Ngan-Linn Nguyen, Hong-Tinng Vo, Gia-Huy Lam and Trong-Hop Do (University of Information Techno City, Vietnam) Real-dime traffic Row prediction using Big Data analytics Dang-Khoa Tran, Dih-Dang-Hogang, Viet-Thang Le, Minh-Duc Nguyen Thai and Trong-Hop Do (University of Information Techno City, Vietnam)  Online Session IV Chair (S.) A Space Prof. Le Van Hung (HUMG) Lat of COUID-19 Lat of Review Lat of Late Annual County Review Late Annual County Revie	n)  Iling and  In (FFT Software Province), Victnam,  logy, No CN Minh  Zoom (tba)  Zoom (tba)  Ion Technology, No CN Minh  No CN Minh  Ion Technology, No CN Minh  Ion Tec