

PROGRAM AT A GLANCE

Time	ICISE 1	ICISE 2	ICISE 3
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Wednesday, October 18, 2017

08:00-09:00	R-1: Registration		
09:00-09:30	O-1: Opening Ceremony		
09:30-10:30	K-1: Plenary Talk 1 (Prof. Trung Q. Duong)		
10:30-10:50	CO-1: Coffee Break		
10:50-11:50	K-2: Plenary Talk 2 (Prof. Ke Wu)		
11:50-13:30	L-1: Lunch Break (ticket required)		
13:30-15:10	N-1: Networks	ME-1: Microwave Engineering	C-1: Communications
15:10-15:30	CO-2: Coffee Break		
15:30-17:10	AP-1: Antenna & Propagation		C-2: Communications

Time	ICISE 1	ICISE 2	ICISE 3
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Thursday, October 19, 2017

08:00-08:30	R-2: Registration		
08:30-09:30	K-3: Plenary Talk 3 (Prof. Francis C.M Lau)		
09:30-10:30	P-1: Coffee Break & Poster Session		
10:30-12:10	E-1: Electronics	SS-1: Special session on IoT Devices, Systems & Applications	AP-2: Antenna & Propagation
12:10-14:00	L-2: Lunch break (ticket required)		
14:00-15:20	C-3: Communications	BE-1: Biomedical Engineering	SP-1: Signal Processing
15:20-15:40	CO-3: Coffee Break		
15:40-16:40	C-4: Communications	BE-2: Biomedical Engineering	SP-2: Signal Processing
18:00-20:30	GD-1: Gala Dinner		

Friday, October 20, 2017

08:00-12:00	City Tour - Lunch		
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Conference Schedule Details

Room: ICISE 1 - Session N-1: Networks

Chair: Mai Liem Truc (Ministry of Information and Communications, Vietnam)

13:30 - 15:10 Wednesday, October 18, 2017

Time	Authors	Title
13:30	Hoang D. Le and Chuyen T. Nguyen (Hanoi University of Science and Technology, Vietnam); Vuong V. Mai (The University of Aizu, Japan); Ngoc T. Dang (Posts and Telecommunications Institute of Technology, Vietnam); Anh T. Pham (The University of Aizu, Japan)	On the Performance of TCP Cubic over Fading Channels with AMC Schemes
13:50	Van Vuong Trinh and Kim Phuc Tran (Dong A University, Vietnam); Truong Thu Huong (Hanoi University of Science and Technology, Vietnam)	Data Driven Hyperparameter Optimization of One-Class Support Vector Machines for Anomaly Detection in Wireless Sensor Networks
14:10	Hai-Chau Le , Ngoc T. Dang and Nhan Duc Nguyen (Posts and Telecommunications Institute of Technology, Vietnam)	Impact of Optical Regeneration on Dynamic Elastic Optical Networks
14:30	Thinh Pham Hong , An Nguyen Duc, Thoa Nguyen, Truong Thu Huong and Nam Pham Ngoc (Hanoi University of Science and Technology, Vietnam)	Adaptation Method for Streaming of CBR Video over HTTP Based on Software Defined Networking
14:50	Trung V. Phan (Technische Universität Chemnitz, Germany); Linh H. Ngo, Truong Thu Huong and Nguyen Huu Thanh (Hanoi University of Science and Technology, Vietnam)	AQA ² : an Analytical QoS-Assessment Approach for Service Function Chaining in Cloud Environment

Room: ICISE 2 - Session ME-1: Microwave Engineering

Chair: Gernot Zimmer (Frankfurt University of Applied Sciences, Germany)

13:30 - 15:10 Wednesday, October 18, 2017

Time	Authors	Title
13:30	Quang Huy Le (Frankfurt University of Applied Sciences, Germany); Chi Thanh Nghe (Berlin Institute of Technology, Germany); Gernot Zimmer (Frankfurt University of Applied Sciences, Germany)	High Efficiency 10 W GaN-HEMT Power Amplifier with Optimum Input Stabilization
13:50	Mai Van Ta and Nguyen Huy Hoang (Le Quy Don Technical University, Vietnam); Luong Duy Manh (Osaka University, Vietnam)	Study of injection locking effect in terahertz resonant tunnelling diode oscillators
14:10	Hong Phuong Phan , Tan-Phu Vuong, Philippe Benech and Pascal Xavier (Université de Grenoble-Alpes, France); Pascal Borel (Technical Center of Paper, France)	"Hello-Shaped" Wideband Monopole Antennas On Paper Substrate
14:30	Bui Thi Duyen , Le Minh Thuy, Nguyen Quoc Cuong (Hanoi University of Science and Technology, Vietnam)	High Gain Antenna with Wide Angle Radiation for Modern Wireless Communication Applications

Conference Schedule Details

Room: ICISE 3 - Session C-1: Communications

Chair: Hyung-Yun Kong (University of Ulsan, Korea)

13:30 - 15:10 Wednesday, October 18, 2017

Time	Authors	Title	Note
13:30	Gia Khanh Tran (Tokyo Institute of Technology, Japan)	mmWave Heterogeneous Networks in 5G & Beyond	Invited Talk
14:10	Hai Tran (University of the Ryukyus, Japan); Hoan Pham (Viettel Network Technologies Center, Vietnam); Hai Dao (Hanoi University of Industry, Vietnam); Taisaku Suzuki and Tomohisha Wada (University of the Ryukyus, Japan);	An Experimental Acoustic SFBC-OFDM for Underwater Communication	
14:30	Thanh-Binh Nguyen , Tien-Dong Nguyen (Le Qui Don University, Vietnam); Minh-Tuan Le, Vu-Duc Ngo (Hanoi University of Science and Technology, Vietnam)	Efficiency Zero-Forcing Detectors based on Group Detection for Massive MIMO systems	
14:50	Pham Ngoc Son (Ho Chi Minh City University of Technology and Education, Vietnam); Thi Anh Le , Van Phu Tuan and Hyung Yun Kong (University of Ulsan, Korea)	Best relay selection with joint effects of Hardware impairments and Interference constraints	

Room: ICISE 1 - Session AP-1: Antenna & Propagation

Chair: Yoshihide Yamada (Malaysia-Japan International Institute of Technology, Universiti Teknologi Malaysia, Malaysia)

15:30 - 17:10 Wednesday, October 18, 2017

Time	Authors	Title
15:30	Son Xuat Ta , Dao Ngoc Chien (National Center for Research and Development of Open Technologies, Ha Noi, Vietnam); Khac Kiem Nguyen, Hien Doan Thi Ngoc (Hanoi University of Science and Technology, Vietnam)	Single-feed, compact, GPS patch antenna using metasurface
15:50	Duong Thi Thanh Tu , Nguyen Gia Thang, Nguyen Tuan Ngoc, Nguyen Thi Bich Phuong (Posts and Telecommunications Institute of Technology, Vietnam); Vu Van Yem (Hanoi University Of Science and Technology, Vietnam)	28/38 GHz Dual-Band MIMO Antenna with Low Mutual Coupling using Novel Round Patch EBG Cell for 5G Applications
16:10	Dang Tien Dung , Nguyen Quoc Dinh (Le Quy Don Technical University, Vietnam); Yoshihide Yamada (Universiti Teknologi Malaysia, Malaysia); Naobumi Michishita (National Defense Academy, Japan); Ha Quoc Anh (Telecommunications University, Vietnam)	Electric characteristics of very small Normal-Mode Helical Antenna in Human Body Conditions
16:30	Son Ho-Quang (Hanoi University of Science and Technology, Vietnam); Son Xuat Ta (National Center for Research and Development of Open Technologies, Ha Noi, Vietnam, Ministry of Science and Technology); Phuong Huynh-Nguyen-Bao (Quy Nhon University, Vietnam); Kiem Nguyen-Khac and Chien Dao-Ngoc (Hanoi University of Science and Technology, Vietnam)	Compact Circularly Polarized Slotted SIW Cavity Antenna for 5G Application
16:50	Duong Thi Thanh Tu , Vu Van Yem (Hanoi University of Science and Technology, Vietnam); Nguyen Tuan Ngoc, Nguyen Ngoc Tu, Nguyen Hong Duc and To Thi Thao (Posts and Telecommunications Institute of Technology, Vietnam)	4x4 Dual-Band MIMO Antenna with Low Mutual Coupling Using a Novel Structure of Neutral Line

Conference Schedule Details

Room: ICISE 3 - Session C-2: Communications

Chair: Nam Xuan Tran (Le Quy Don Technical University, Vietnam)

15:30 - 17:10 Wednesday, October 18, 2017

Time	Authors	Title
15:30	Thanh Nguyen (Le Quy Don Technical University, Vietnam); Tat-Nam Nguyen (Department for Standard, Metrology and Quality); Quoc-Binh Nguyen (Le Quy Don Technical University, Vietnam)	Automatic Phase Compensation in MIMO-STBC Systems with Nonlinear Distortion Incurred by High Power Amplifiers
15:50	Phong Nguyen-Huu (Broadcast Research & Application Center (BRAC), Vietnam); Khuong Ho-Van, Ngoc Pham-Thi-Dan and Tuan Nguyen-Thanh (Ho Chi Minh City University of Technology, Vietnam); Son Pham-Ngoc (Ho Chi Minh City University of Technology and Education, Vietnam); Son Vo-Que (Ho Chi Minh City University of Technology, Vietnam)	Outage probability analysis of half-duplex energy harvesting AF two-way relaying over Nakagami-m fading
16:10	Huyen Le Thi Thanh and Xuan Nam Tran (Le Quy Don Technical University, Vietnam)	Repeated Index Modulation for OFDM with Space and Frequency Diversity
16:30	Ryosuke Ito and Toshiharu Kojima (The University of Electro-Communications, Japan)	A Study on Code Synchronization for Time Diversity in Helicopter Satellite Communications
16:50	Khuong Ho-Van (Ho Chi Minh City University of Technology, Vietnam); Thiem Do-Dac (Thu Dau Mot University, Vietnam); Ngoc Pham-Thi-Dan and Tuan Nguyen-Thanh (Ho Chi Minh City University of Technology, Vietnam); Son Pham-Ngoc (Ho Chi Minh City University of Technology and Education, Vietnam); Son Vo-Que (Ho Chi Minh City University of Technology, Vietnam)	Security Performance Analysis of Underlay Cognitive Radio Systems under Interference from Primary Network and Channel Information Inaccuracy

Room: ICISE 1, ICISE 2, ICISE 3 - P-1: Coffee Break & Poster Session

Chair: Tan-Phu Vuong (Grenoble INP, France)

09:30 - 10:30 Thursday, October 19, 2017

1. Uncoded MRC-Transmission of Continuous-Amplitude Signals over Rayleigh Fading Channels

Hieu T. Nguyen (University College of Southeast-Norway, Norway); **Thuy V. Nguyen** (Posts and Telecommunications Institute of Technology, Vietnam)

2. Mathematical model for visible light communication system using OLED with MIMO and NOMA techniques

Pham Quang Thai, Nguyen Ngoc Anh Khoa, **Nghi Vinh Khanh** (Ho Chi Minh city University of Technology Ho Chi Minh, Vietnam); Jiang Liu, Shimamoto Shigeru (Waseda University Tokyo, Japan)

3. Enhancing WiFi based Indoor Positioning by Modeling Measurement Data with GMM

Manh Kha Hoang, **Thi Hang Duong**, Trung Kien Vu (Hanoi University of Industry, Vietnam); Anh Vu Trinh (VNU University of Engineering and Technology, Vietnam)

4. Practical Wideband Radiation Characteristics of Density Tapered Array fed by Modified Log-periodic Dipole Antenna

Nguyen Thanh Binh and Nguyen Quoc Dinh (Le Quy Don Technical University, Vietnam); **Yoshihide Yamada** (Malaysia-Japan International Institute of Technology, Universiti Teknologi Malaysia, Malaysia); Naobumi Michishita (National Defense Academy, Japan)

5. Perceptual Color Clustering for Rice Seed Accession Images

Nga Thi-Kim Tran, Tuan Do-Hong (Ho Chi Minh City University of Technology, Viet Nam); Vladimir Mariano (RMIT University, Viet Nam); Ruairaidh Hamilton (Genetics Resources Center, Int'l Rice Research Institute, Philippines)

6. On the Delay of Content-Centric Mobile Multihop Networks Using File Segmentation

Trung-Anh Do (Posts and Telecommunications Institute of Technology, Vietnam); Won-Yong Shin (Dankook University, Republic of Korea); Hoai Bac Dang (Posts and Telecommunications Institute of Technology)

Conference Schedule Details

7. Design of Cross-polarized MIMO quasi-Yagi Antenna for LTE Application

Nguyen Khac Kiem, Ta Quang Ngoc, Pham Thi Lan Huong (Hanoi University of Science and Technology); Dao Ngoc Chien (Ministry of Science and Technology, Hanoi, Vietnam)

8. Experimental Assessment of the Robustness to Environment Variations of Cylindrical Dielectric Resonator Antennas

K. Allabouche, **F. Ferrero**, L. Lizzi, J-M. Ribero (University Coˆte d'Azur, CNRS, LEAT, UMR 7248, France); M. Jorio (Sidi Mohamed Ben Abdellah University, LERSI, Fez, Morocco); N. El Amrani El Idrissi (Sidi Mohamed Ben Abdellah University, LSSC, Fez, Morocco)

9. Pulse Current Generation Circuit for Functional Electrical Stimulation for Foot-drop Patients

Viet Dung Nguyen, Van Thong Mai, Minh Duc Nguyen (Hanoi University of Science and Technology)

10. TM-(de)MUXer Based on a Symmetric Y-junction Coupler and a 2×2 MMI Coupler Using Silicon Waveguides for WDM Applications

Cao Dung Truong (Posts and Telecommunications Institute of Technology, Vietnam); Hung Nguyen Tan (The University of Danang-University of Science and Technology, Vietnam); Tuan Anh Tran, Nguyen Huu Long (Hanoi University of Science and Technology, Vietnam); Tran Hoang Vu (Da Nang College of Technology-The University of Danang, Vietnam); Hung Pham-Viet (Vietnam Maritime University, Viet Nam); Hoai Bac Dang (Posts and Telecommunications Institute of Technology, Vietnam)

11. Design of Antennas on Paper for IoT Applications

Hong-Nhat Le, Minh-Thuy Le (Hanoi University of Science & Technology (HUST), Vietnam); Gael Depres (Arjowiggins Creative Papers Company, France); **Tan-Phu Vuong** (IMEP-LAHC laboratory, UMR 5130 INPG-UJF-CNRS, Grenoble INP-MINATEC, 38016 Grenoble Cedex 1, France)

Room: ICISE 1 - Session E-1: Electronics

Chair: Aziz Doukkali (LaMIPS-CRISMAT, France)

10:30 - 12:10 Thursday, October 19, 2017

Time	Authors	Title
10:30	Quan Minh Dao , Quan Tuong Vo (Ho Chi Minh City, University of Technology, Vietnam)	Design of a CPG-Based Close-Loop Direction Control System for Lateral Undulation Gait of Snake-Like Robots
10:50	Cuong Pham-Quoc , Binh Kieu-Do-Nguyen (Ho Chi Minh City University of Technology, Vietnam); Anh-Vu Dinh-Duc (Vietnam National University - Ho Chi Minh City, Vietnam)	Adaptable VLIW Processor: the Reconfigurable Technology Approach
11:10	Khoa Le , Fakhreddine Ghaffari and David Declercq (Université de Cergy-Pontoise, ENSEA, CNRS, France); Bane Vasić (University of Arizona, USA); Chris Winstead (Utah State University, USA)	A Novel High-Throughput, Low-Complexity Bit-Flipping Decoder for LDPC Codes
11:30	Aziz Doukkali , Insaf Lahbib (Normandie Université ENSICAEN/CRISMAT/UMR 6508, France); Patrice Gamand (Labex Sigma-Lim, University of Limoges, France); Patrick Martin, Dominique Lesenechal, Philippe Descamps (Normandie Université ENSICAEN/CRISMAT/UMR 6508, France)	Reliability Analysis of Low Noise Amplifiers for Wireless Applications under high RF power stressing

Conference Schedule Details

Room: ICISE 2 - Session SS-1: Special session on IoT Devices, Systems & Applications

Chair: Fabien Ferrero (University Nice Sophia Antipolis, CNRS, LEAT & CREMANT, France)

10:30 - 12:10 Thursday, October 19, 2017

Time	Authors	Title
10:30	L.H. Trinh (University of Information and Technology & Vietnam National University, Vietnam); T.Q.K. Nguyen (University Cote d'Azur, CNRS, LEAT, UMR 7248 France); H.L. Tran, P.C.Nguyen (University of Information and Technology & Vietnam National University, Vietnam); N.V. Truong (Institute of Applied Mechanics and Informatics, Vietnam); Fabien Ferrero (University Cote d'Azur, CNRS, LEAT, UMR 7248 France)	Low-profile horizontal omnidirectional antenna for LoRa wearable devices
10:50	Huan Minh Vo (Ho Chi Minh University of Technology and Education, Vietnam)	Online Working Condition Monitoring System Integrated Power Saving And Security Using Zigbee Wireless Sensor Network
11:10	Truong Thi Bich Thanh , Tran Thai Anh Au (University of Science and Technology Danang, Vietnam)	Application of Home Automation System for Assisted Living Services in Home Healthcare
11:30	Lai Phuoc Son , Nguyen Thi Anh Thu, Nguyen Trung Kien (The University of Da Nang, Vietnam)	Design an IoT wrist-device for SpO2 measurement

Room: ICISE 3 - Session AP-2: Antenna & Propagation

Chair: Ke Wu (Ecole Polytechnique (University of Montreal), Canada)

10:30 - 12:10 Thursday, October 19, 2017

Time	Authors	Title
10:30	Ho Manh Cuong (Electric Power University, Vietnam); Nguyen Trong Duc (Vietnam Maritime University); Vu Van Yem (Hanoi University Of Science and Technology, Vietnam)	Measurement of Complex Permittivity of Materials Using Electromagnetic Wave Propagation in Free Space and Super High-Resolution Algorithm
10:50	Tang The Toan (University of Hai Duong, Vietnam); Nguyen Minh Tran (Sungkyunkwan University, Korea); Truong Vu Bang Giang (Vietnam National University, Hanoi, Vietnam)	A Low Sidelobe Fan-beam Series Fed Linear Antenna Array for IEEE 802.11ac Outdoor Applications
11:10	Dang Thi Tu My (Quy Nhon University, Vietnam); Tran Thi Huong (The University of Danang, Vietnam)	Design Array of ZOR Antenna with a Pair of Double Positive and Epsilon Negative Materials for Wireless Imaging Transmission System
11:30	L.H. Trinh (Vietnam National University, Vietnam); T.Q.K. Nguyen (University Cote d'Azur, CNRS, LEAT, UMR 7248 France); D.D. Phan, V.Q. Tran, V.X. Bui (University of Information and Technology, Vietnam); N.V. Truong (Institute of Applied Mechanics and Informatics, Vietnam); Fabien Ferrero (University Cote d'Azur, CNRS, LEAT, UMR 7248 France)	Miniature Antenna for IoT Devices Using LoRa Technology
11:50	Hoang Thi Phuong Thao (Hanoi University of Science and Technology, Vietnam); Vu Thanh Luan (LPQM, Centrale Supelec, Ecole Normale Superieure Paris-Saclay, France); Nguyen Canh Minh (University of Transport, Vietnam); Bernard Journet (LPQM, Centrale Supelec, Ecole Normale Superieure Paris-Saclay, France); Vu Van Yem (Hanoi University Of Science and Technology, Vietnam)	A Compact Frequency Reconfigurable MIMO Antenna with Low Mutual Coupling for UMTS/LTE Applications

Conference Schedule Details

Room: ICISE 1 - Session C-3: Communications

Chair: Francis C.M. Lau (The Hong Kong Polytechnic University, Hong Kong)

14:00 - 15:20 Thursday, October 19, 2017

Time	Authors	Title
14:00	Toan Nguyen Khanh , Tuan Nguyen Van and Hung Nguyen Tan (The University of Danang, University of Science and Technology (DUT))	Performance analysis of long-distance radio-over-fiber systems for mainland-island communications
14:20	Nguyen Xuan Quyen (Hanoi University of Science and Technology, Vietnam); Cong-Kha Pham (The University of Electro-Communications (UEC), Japan)	Quadrature Multi-carrier DCSK: A High-efficiency Scheme for Radio Communications
14:40	Thu A. Pham , Nga T.T. Nguyen, Lam T. Vu and Ngoc T. Dang (Posts and Telecommunications Institute of Technology, Vietnam)	A Novel Hybrid Fiber-Wireless RoF/MMW System using Bidirectional Amplify-and-Forward Relaying
15:00	Francis C.M. Lau and Wai M. Tam (The Hong Kong Polytechnic University, Hong Kong)	Reducing the Bit-Mapping Search Space of a Bit-Interleaved Polar-Coded Modulation System

Room: ICISE 2 - Session BE-1: Biomedical Engineering

Chair: Tran Duc-Tan (VNU University of Engineering and Technology, Vietnam)

14:00 - 15:20 Thursday, October 19, 2017

Time	Authors	Title
14:00	Khuong T. T. Pham , Nam L. Nguyen (The University of Danang, Vietnam)	A study on Acoustic Characterization of Medical Ultrasound Transducers using pulse-echo methods
14:20	Luong Quang Hai , Nguyen Manh Cuong (Le Quy Don Technical University, Vietnam); Tran Duc-Tan (VNU University of Engineering and Technology (VNU-UET), Vietnam)	Detection and Classification of Soft Tissues using Complex Shear Modulus Estimation and Decision Tree Algorithm
14:40	Nghia Tran Duc , Yves-Michel Frapart (CNRS - Paris Descartes University, France); Sébastien Li-Thiao-Té (Université Paris 13, France)	Estimation of spectrum parameters for Quantitative EPR in the derivative limit
15:00	Duc Ngoc Tran (University of Information Technology, Vietnam)	An Implementation of Diabetic Retinopathy Grading System on Android Device Using Fully Automated Algorithm

Conference Schedule Details

Room: ICISE 3 - Session SP-1: Signal Processing

Chair: Hong Tuan Do (Ho Chi Minh City University of Technology, Vietnam)

14:00 - 15:20 Thursday, October 19, 2017

Time	Authors	Title
14:00	Xiem Hoang Van (Vietnam National University & University of Engineering and Technology, Vietnam); Thao Nguyen Thi Huong (Posts and Telecommunications Institute of Technology, Vietnam)	An online SVM based side information creation for efficient distributed scalable video coding
14:20	Le Trung Thanh , Nguyen Thi Anh Dao, Nguyen Linh-Trung, Ha Vu Le (Vietnam National University Hanoi, Vietnam)	Estimating ROC for a multistage detection system
14:40	Nguyen Tuong Thanh (Hanoi University of Science and Technology, Vietnam); Nguyen Dang Tuyen (Vietnam Academy Science and Technology, Vietnam); Le Dung and Pham Thanh Cong (Hanoi University of Science and Technology, Vietnam)	Implementation of Technical Data Analysis of Skeleton Extracted from Camera Kinect in Grading Movements of Vietnamese Martial Arts
15:00	Nguyen Thi Hoai Thu, Le Trung Thanh , Chu Thi Phuong Dung, Nguyen Linh-Trung and Ha Vu Le (Vietnam National University, Hanoi)	Multi-source Data Analysis for Bike Sharing Systems

Room: ICISE 1 - Session C-4: Communications

Chair: Gia Khanh Tran (Tokyo Institute of Technology, Japan)

15:40 - 16:40 Thursday, October 19, 2017

Time	Authors	Title
15:40	Chien Van Le, Dien Van Nguyen, T.K. Nguyen, Tuyen T.T. Le and Chien Tang-Tan (Danang University of Technology, Vietnam); Cao Dung Truong (Posts and Telecommunications Institute of Technology, Vietnam); Hung Nguyen Tan (The University of Danang, Vietnam)	Wideband Optical Logic Gates Based on a 3×3 Multi-Mode Interference Coupler
16:00	Fabien Ferrero (University Nice Sophia Antipolis, CNRS, LEAT & CREMANT, France); Hoai-Nam-Son Truong , Huy Le-Quoc (The University of Danang, Vietnam)	Multi-harvesting solution for autonomous sensing node based on LoRa Technology
16:20	Quoc Khuong Nguyen, Dinh Hung Do and Van Duc Nguyen (Hanoi University of Science and Technology, Vietnam)	Doppler Compensation Method using Carrier Frequency Pilot for OFDM-Based Underwater Acoustic Communication Systems

Conference Schedule Details

Room: ICISE 2 - Session BE-2: Biomedical Engineering

Chair: Tran Duc-Tan (VNU University of Engineering and Technology, Vietnam)

15:40 - 16:40 Thursday, October 19, 2017

Time	Authors	Title
15:40	Duc Minh Dao and Pham Dang Phuoc (Pham Van Dong University, Vietnam); Tran Xuan Tuy (The University of Danang, Vietnam); Tram Thuy Le (Quang Nam Vocational College, Vietnam)	Research on reading muscle signals from the EMG sensor during knee flexion - extension using the Arduino Uno controller
16:00	Pham Van Thanh, Dang Nhu Dinh and Nguyen Duc Anh (The University of Fire Fighting and Prevention, Vietnam); Nguyen Tien Anh (Le Quy Don Technical University, Vietnam); Chu Duc Hoang (Ministry of Science and Technology, Vietnam); Tran Duc-Tan (VNU University of Engineering and Technology, Vietnam)	Automatic removal of EOG artifacts using SOBI algorithm combined with intelligent source identification technique
16:20	Khin Yadanar Win , Somsak Choomchuay (King Mongkut's Institute of Technology Ladkrabang, BKK, Thailand); Kazuhiko Hamamoto (School of Information and Telecommunication Engineering, Japan)	K-Mean Clustering Based Automated Segmentation of Overlapping Cell Nuclei in Pleural Effusion Cytology Images

Room: ICISE 3 - Session SP-2: Signal Processing

Chair: Hong Tuan Do (Ho Chi Minh City University of Technology, Vietnam)

15:40 - 16:40 Thursday, October 19, 2017

Time	Authors	Title
15:40	Hung Ngoc Do, Minh-Thanh Vo, Huy Quoc Luong , An Hoang Nguyen, Kien Trang and Ly T. K. Vu (International University, VNU, Hochiminh city, Vietnam)	Speed Limit Traffic Sign Detection and Recognition Based on Support Vector Machines
16:00	Nguyen Vu Thang, Vu Dac Tung and Nguyen Duc Hoan (Hanoi University of Science and Technology, Vietnam)	Architecture of Integer Motion Estimation HEVC for encoding 8K Video
16:20	Thuan Nguyen Dinh and Vinh La The (Hanoi University of Science and Technology, Vietnam)	A Novel Design of Low Power Consumption GPS Positioning Solution Based on Snapshot Technique