

SoICT 2012 PROGRAM

Day 1: 23 Aug 2012

8.30-9.00	<p>Registration <i>Ha Long Plaza</i></p>	
9.00-9.15	<p>Opening Ceremony <i>Ha Long Plaza, Conference Room 1</i></p>	
9.15-10.00	<p>Invited Talk 1 Prof. János Sztrik University of Debrecen, Debrecen, Hungary Title: Queueing Theory and its Applications: A Personal View <i>Ha Long Plaza, Conference Room 1</i></p>	
10.00-10.15	<p>Coffee Break <i>Ha Long Plaza</i></p>	
	<p>Session 1: Formal Methods and Programming Languages <i>Conference Room 1</i></p>	<p>Session 2: Social Network, Search, and Natural Language Processing <i>Conference Room 3</i></p>
10.15-10.35	<p>Critical Systems Development Methodology using Formal Techniques Neeraj Singh and Dominique Mery</p>	<p>Efficient Label Propagation for Classification on Information Networks Kim Anh Nguyen Thi, Thanh Vu Minh and Linh Ngo Van</p>
10.35-10.55	<p>Faithfully Formalizing OSEK/VDX Operating System Specification Dieu Huong Vu and Toshiaki Aoki</p>	<p>Improving Vietnamese Web Page Clustering by combining neighbors' content and using Iterative Feature Selection Le Viet Hung, Nguyen Thi Kim Anh and Nguyen Hai Dang</p>
10.55-11.15	<p>A type system for finding upper resource bounds of multi-threaded programs with nested transactions Xuan Tung Vu, Hoang Truong, Thi Mai Thuong Tran and Martin Steffen</p>	<p>Refining Lexical Translation Training Scheme for Improving The Quality of Statistical Phrase-Based Translation Cuong Hoang, Anh Cuong Le and Bao Son Pham</p>

11.15-11.35	Timed Traces and Their Applications in Specification and Verification of Distributed Real-time Systems Chieu Do and Hung Dang Van	A Keyword-Topic Model for Contextual Advertising Phuong Do and Phuong Tu
11.35-11.55		Enhancing search results clustering with semantic indexing Sinh Hoa Nguyen, Wojciech Świeboda, Grzegorz Jaskiewicz and Hung Son Nguyen
12.00-	Lunch <i>Ha Long Plaza</i>	
	Session 3: Signal Processing, Speech Processing and Pattern Recognition <i>Conference Room 1</i>	Session 4: Computer Systems and Communication Networks <i>Conference Room 3</i>
14.00-14.20	Mesh Connection with RBF Local Interpolation and Wavelet Transform Anh Cang Phan, Romain Raffin and Marc Daniel	Energy-balanced and fault-tolerant clustering routing protocol for event driven WSNs Mai Banh, Giang Nguyen and Thu Ngo
14.20-14.40	Robust Speech Recognition Based on Binaural Speech Enhancement System as A Preprocessing Step Quoc Cuong Nguyen, Tien Dung Tran and Dang Khoa Nguyen	Impact of Mesh topology in cost reduction of Survivable Hybrid WDM-TDM PON networks Linh Truong Dieu, Thuan Do Phan, Nga Nguyen Thi and Huy Duong Quang
14.40-15.00	Augmented Media for Traditional Magazines Vinh Tiep Nguyen, Trung Nghia Le, Quoc Minh Bui, Minh Triet Tran and Anh Duc Duong	Implementation of Model Predictive Control with Modified Minimal Model on Low-Power RISC Microcontrollers Binh P. Nguyen, Yvonne Ho, Zimei Wu and Chee Kong Chui
15.00-15.20	Building a License Plate Recognition System for Vietnam TollBooth Mai Vinh Du, Miao Duoqian and Wang Ruizhi	Multipath Routing Protocols for Cluster-based and Event-based Wireless Sensor Network Thu Ngo , Thuy Tran and Mai Banh
15.20-15.40	Boundary Extraction and Simplification of a surface defined by a sparse 3D volume Van-Sinh Nguyen, Alexandra Bac and Marc Daniel	A general solution supporting real-time and remote electrocardiogram diagnostic based on embedded and mobile technology Viet Hoang, Dung Cao and Thuan Pham

15.40-16.00	GridLDA of Gabor Wavelet Features for Palmprint Identification Hoang Thien Van and Thai Hoang Le	ELBAR: Efficient Load Balancing Routing Scheme for Wireless Sensor Networks with Holes Phi Le Nguyen, Trung Hieu Nguyen and Van Nguyen
16.00-16.20	An Efficient Method for On-line Vietnamese Handwritten Character Recognition Cao De Tran	
16.20-16.40	Fusion of Bidirectional Image Matrices and 2D-LDA: An efficient approach for Face Recognition Hung Truong and Thai Le	
18.00-	Gala Dinner <i>Ha Long Plaza</i>	
Day 2: 24 Aug 2012		
8.30-9.15	Invited Talk 2 Tuan D. Pham The University of Aizu Title: Personalized Modeling in Computational Life Science <i>Conference Room 1</i>	
9.15-9.30	Coffee Break	
	Session 5: Algorithms <i>Conference Room 1</i>	Session 6: Data and Knowledge Engineering <i>Conference Room 3</i>
9.30-9.50	Comparing three Lower Bounding Methods for DTW in Time Series Classification Nguyen Cong Thuong and Duong Tuan Anh	A Bisimulation-based Method of Concept Learning for Knowledge Bases in Description Logics Quang Thuy Ha, Thi Lan Giao Hoang, Linh Anh Nguyen, Hung Son Nguyen, Andrzej Szalas and Thanh Luong Tran
9.50-10.10	Time Series Discord Discovery Using WAT Algorithm and iSAX Representation Kim Khanh Nguyen Dang and Tuan Anh Duong	Improving document retrieval using special characteristics of lecture recording documents Christoph Hermann

<p>10.10-10.30</p>	<p>Ant Colony Optimization for Model Predictive Control for Blood Glucose Regulation Yvonne Ho, Binh P. Nguyen and Chee Kong Chui</p>	<p>Classifying Vietnamese disease outbreak reports with important sentences and rich features Son Doan, Vinh Nguyen Thi Ngoc and Phuong Tu Minh</p>
<p>10.30-10.50</p>	<p>Fast Point Quadrupling on Elliptic Curves Duc Phong Le and Binh P. Nguyen</p>	<p>Intrusion Detection under Covariate Shift using modified Support Vector Machine and modified Backpropagation Tran Cuong and Nguyen Giang</p>
<p>10.50-11.10</p>	<p>Parallel PageRank Computation using GPUs Nhat Tan Duong, Huu Duc Nguyen, Quang Anh Pham Nguyen and Anh Tu Nguyen</p>	<p>An Information Content Based Partitioning Method For The Anatomical Ontology Matching Task Duy Hoa Ngo, Phan Thuan Do and Dac Thanh Tran</p>
<p>11.10-11.30</p>	<p>Re-represent Self-Similarity Property in Variance-Time Plot Method Do Q. Le and Cong Liu</p>	
<p>12.00-</p>	<p style="text-align: center;">Lunch <i>Ha Long Plaza</i></p>	