

## CONFERENCE PROGRAM & SCHEDULE

### Thursday, 3rd December 2015

8:00	<b>REGISTRATION</b> Venue: Grand Ballroom, 2nd Floor, Imperial Hue Hotel		
8:30	<b>CONFERENCE OPENING</b> Venue: Grand Ballroom, 2nd Floor, Imperial Hue Hotel		
9:00	<b>SoICT KEYNOTE I - Grand Ballroom</b> CHAIR: Linh Truong - HUST, Vietnam <i>Invited speaker: Prof. Michihiro Koibuchi (National Institute of Informatics / The Graduate University for Advanced Studies, Japan)</i> <b>Singularity of Future Computer-System Networks</b>		
9:45	<b>GROUP PHOTO</b>		
9:55	<b>COFFE BREAK</b>		
10:15	<b>SoICT Session 1 - Grand Ballroom</b> <b>Software Engineering and Design tools</b> CHAIR: Thanh Binh Nguyen (DUT, Viet Nam)	<b>SoICT Session 2 - Meeting room 2</b> <b>Image processing</b> CHAIR: Thuy Nguyen (VNUA, Viet Nam)	<b>SoICT Session 3 - Meeting room 3</b> <b>Efficient Network Protocols and Designs</b> CHAIR: Marc Bui (EPHE, France)
10:15	<i>Thi Dao Vu, Ngoc Hung Pham, Viet Ha Nguyen</i> <b>A Method for Automated Test Data Generation from Sequence Diagrams and Object Constraint Language</b>	<i>Sergey Dvoenko, Dang Thanh, Sang Dinh Viet</i> <b>A Denoising Method Based on Total Variation</b>	<i>Quang-Hung Nguyen, Nam Thoai</i> <b>Minimizing Total Busy Time for Energy-Aware Virtual Machine Allocation Problems</b>
10:35	<i>Cong Duy Trinh, Thanh Binh Nguyen, Ioannis Parissis</i> <b>A regression testing approach for Lustre/SCADE programs</b>	<i>Huonggiang Doan, Hai Vu, Thanhhai Tran</i> <b>Recognition of hand gestures from cyclic hand movements using spatial-temporal features</b>	<i>Linh Truong, Thanh Chung Nguyen</i> <b>Protected Elastic tree topology for Data Center</b>
10:55	<i>Binh Nguyen Thanh, Huu-Duc Nguyen, Thanhthuy Nguyen</i> <b>Plan Model - An Activity Theory Based Approach</b>	<i>Cuong Dao-Duc, Hua Xiaohui, Olivier Morère</i> <b>Maritime Vessel Images Classification Using Deep Convolutional Neural Networks</b>	<i>Mahmoud Gamal Ahmed, Ehab Morsy, Ahmed Fathy</i> <b>Multi-Objective transmitters Placement Problem in wireless Networks</b>
11:15	<i>Ngo Huy Bien, Tran Dan Thu</i> <b>Graphical User Interface Variability Architecture Pattern</b>	<i>Van-Hieu Vu, Hai-Son Le, Olga Kanishcheva, Galia Angelova</i> <b>Fine-tuning SIMPLE based Content Based Image Retrieval system</b>	<i>Viet Minh Nhat Vo, Hong Quoc Nguyen</i> <b>An Improved Composite Scheduling Approach for Reducing Data Loss in OBS Networks</b>
11:35	<i>Neeraj Singh, Mark Lawford, Tom Maibaum, Alan Wassyng</i> <b>Stateflow to Tabular Expressions</b>	<i>Van Nha Pham, Long Ngo Thanh, Hoc Vu Van</i> <b>Speedup of Fuzzy Co-Clustering algorithm for image segmentation on Graphic Processing Unit</b>	
11:55	<b>LUNCH</b> Imperial Restaurant – 3 <sup>rd</sup> Floor		

## Thursday, 3rd December 2015

13:30	<b>SoICT KEYNOTE II</b> CHAIR: Sergey Dvoenko (Tula State University, Russia) <i>Invited speaker: Prof. Tom Schrijvers (KU Leuven, Belgium)</i> <b>The Future of Programming is Functional</b>		
14:15	<b>SoICT Session 4 - Grand Ballroom</b> Scheduling and Real-life Applications  CHAIR: Xuan Hoai Nguyen (HANU, Viet Nam)	<b>SoICT Session 5 - Meeting room 2</b> Smart Human-friendly systems  CHAIR: Sergey Dvoenko (Tula State University, Russia)	<b>SoICT Session 6 - Meeting room 3</b> Sensor and Adhoc Networks  CHAIR: Ikki Fujiwara (National Institute of Informatics, Japan)
14:15	<i>Van Hoai Nguyen, Thanh Cong Luu, Quang Dung Pham</i> <b>Solving the TimeTabling problem at FPT University</b>	<i>Yuki Hirai, Keiichi Kaneko</i> <b>Ambient Conversation Support in Small Face-to-Face Group Meetings</b>	<i>Trong Nguyen Duc, Le Nguyen Phi, Hau Phan Van, Khanh-Van Nguyen</i> <b>A Distributed Protocol to Detect and Update Hole Boundary in Wireless Sensor Networks</b>
14:35	<i>Phan Thuan Do, Ngoc Quang Nguyen, Nguyen Viet Dung Nghiem, Khac Tuan Le, Minh Son Nguyen, Naoto Mukai</i> <b>People and parcels sharing a taxi for Tokyo city</b>	<i>Hien-Thanh Duong, Quoc-Cuong Nguyen, Cong-Phuong Nguyen, Thanh-Huan Tran, Ngoc Q. K. Duong</i> <b>Speech enhancement based on nonnegative matrix factorization with mixed group sparsity constraint</b>	<i>Bao Hoai Lam, Hoang Van Tran, Hiep Xuan Huynh, Bernard Pottier</i> <b>Synchronous networks for insects surveillance</b>
14:55	<i>Quang Dung Pham, Thanh Trung Huynh, Duy Hoang Ta, Thanh Hoang Nguyen</i> <b>A Java library for Constraint-Based Local Search: Application to the master thesis defense timetabling problem</b>	<i>Thi Thanh Thuy Pham, Hai Vu, Anh Tuan Pham</i> <b>A Robust Shadow Removal Technique Applying For Person Localization in a Surveillance Environment</b>	<i>Dinh Thi Ha Ly, Nguyen Thi Hanh, Huynh Thi Thanh Binh, Nguyen Duc Nghia</i> <b>An Improved Genetic Algorithm for Maximizing Area Coverage in Wireless Sensor Networks</b>
15:15	<b>COFFEE BREAK</b>		
15:35	<b>SoICT Session 4 - Grand Ballroom</b> Scheduling and Real-life Applications (continue)  CHAIR: Naoto Mukai (Sugiyama Jogakuen University, Japan)	<b>SoICT Session 5 - Meeting room 2</b> Smart Human-friendly systems (continue)  CHAIR: Yuki Hirai (Tokyo University of Agriculture and Technology, Japan)	<b>SoICT Session 6 - Meeting room 3</b> Sensor and Adhoc Networks (continue)  CHAIR: Ikki Fujiwara (National Institute of Informatics, Japan)
15:35	<i>Hai Anh Tran, Quynh Thu Ngo, Huy Hoang Pham</i> <b>An application for diagnosing lung diseases on Android phone</b>	<i>Viet Phuong Le, Quoc Bao Dang, Cao De Tran</i> <b>Logo Spotting on Document Images using Local Features</b>	<i>Khanh Le, Thang Bui, Tho Quan, Laure Petrucci, Etienne Andre</i> <b>Component-Based Abstraction of Petri Net Models: An Application for Congestion Verification of Wireless Sensor Networks</b>
15:55	<i>Duc-Hau Le, Manh-Hien Nguyen</i> <b>Towards more realistic machine learning techniques for prediction of disease-associated genes</b>	<i>Quang Nguyen, Thuy Nguyen Thi, Sang Dinh, Binh Huynh Thanh</i> <b>An Efficient Framework for Pixel-wise Building Segmentation from Aerial Images</b>	<i>Tuan M. Nguyen, Kenji Nakagawa, Kohei Watabe</i> <b>A Method at Link Layer to Improve the Fairness in Multi-hop Wireless Ad Hoc Networks</b>
16:15	<i>Xuan Hien Ta, Dominique Longin, Benoit Gaudou, Tuong Vinh Ho</i> <b>Impact of group on the evacuation process: theory and simulation</b>	<i>Thi Nhu Nguyen, Duy Thanh Dinh, Tuan-Dung Cao</i> <b>Empowering Exploratory Search on Linked Movie Open Data with Semantic Technologies</b>	<i>Tien Pham Van, Dung Nguyen</i> <b>Joint Routing-Distributed Session Control for Highly Dynamic Ad hoc Networks</b>
18:00 to 20:30	<b>GALA DINNER</b> Huong Giang Hotel Resort & Spa Add: 51 Le Loi, Hue City (BUS pick-up at the Lobby of Imperial Hue hotel at 18:00)		

## Friday, 4th December 2015

8:00	<b>REGISTRATION</b> Venue: Grand Ballroom, 2nd Floor, Imperial Hue Hotel	
8:30	<b>SoICT KEYNOTE III - Grand Ballroom</b> CHAIR: Xuan Hoai Nguyen, HANU, Vietnam <i>Invited speaker: Yew Soon Ong (Nanyang Technological University, Singapore)</i> <b>Towards Evolutionary Multitasking: A New Paradigm</b>	
9:15	<b>SoICT Session 7 - Grand Ballroom</b> <b>Artificial Intelligent</b>  CHAIR: Tom Schrijver (KULeuven, Belgium)	<b>SoICT Session 8 - Meeting room 2</b> <b>Security and Distributed applications</b>  CHAIR: Michel Toulouse (Vietnam Germany University, Viet Nam)
9:15	<i>Huong Le Thanh, Luan Tran Van, Hoai Nguyen Xuan, Hien Nguyen Thi</i> <b>Optimizing Genetic Algorithm in Feature Selection for Named Entity Recognition</b>	<i>Thanh Nguyen, Anh Nguyen, Ly Vu, Tuan Nguyen, Uy Nguyen, Long Dao Hai</i> <b>Unsupervised Anomaly Detection in Online Game</b>
9:35	<i>Anton Dries</i> <b>Declarative Data Generation with ProbLog</b>	<i>Tuan-Dung Cao, Trung-Duc Nguyen, Linh Giang Nguyen</i> <b>A detection method for DGA-based Botnet on BigData Platform</b>
9:55	<i>Van-Hau Nguyen, Thai Son Mai</i> <b>A New Method to Encode the At-Most-One Constraint into SAT</b>	<i>Son Nguyen, Hieu Vo, Hung Pham</i> <b>A Correlation-aware Negotiation Approach for Service Composition</b>
10:15	<i>Duy Du Nguyen, Hoang Huy Nguyen, Xuan Hoai Nguyen</i> <b>The impact of high dimensionality on SVM when classifying ERP data - A solution from LDA</b>	<i>Amiza Amir, Bala Srinivasan, Asad Khan</i> <b>A Communication-Efficient Distributed Algorithm for Large-scale Classification within P2P Networks</b>
10:35	<b>COFFE BREAK</b>	
10:55	<b>SoICT Session 9 - Grand Ballroom</b> <b>Data Retrieval and Extraction</b>  CHAIR: Yew-Soon Ong (Nanyang Technological University, Singapore)	<b>SoICT Session 10 - Meeting room 2</b> <b>Communication Systems</b>  CHAIR: The Ngoc Dang (Posts and Telecommunications Institute of Technology, Viet Nam)
10:55	<i>Quang Vu Bui, Karim Sayadi, Marc Bui</i> <b>A multi-criteria document clustering method based on topic modeling and pseudoclosure function</b>	<i>Vinh Tran, Nagaraj Shivaramaiah, Andrew Dempster</i> <b>A pipeline dynamically configured GNSSs baseband circuit</b>
11:15	<i>Cam Vu-Manh, Anh Tuan Luong, Phuong Le-Hong</i> <b>Improving Vietnamese Dependency Parsing using Distributed Word Representations</b>	<i>Tat-Nam Nguyen, Quoc-Binh Nguyen, Thanh Nguyen</i> <b>A novel signal constellation set for communication system using APSK signals of DVB-S2 standard with high nonlinearity</b>
11:35	<i>Hien Luong, Oanh Nguyen</i> <b>A Copy Detection Method Based on SCAM and PPCHECKER</b>	<i>Truc Tran Thanh, Sy Ngo Van, Nhu Nguyen Gia</i> <b>Modulation-based Collaboration: Interference-free for Cooperative Spectrum Sharing for 4-QAM based Co-existing System</b>
11:55	<i>Tai Dinh, Minh Nguyen Quang, Bac Le</i> <b>A Novel Approach for Hiding High Utility Sequential Patterns</b>	<i>Linh Truong Hoang, Khanh Bui Duy, Trung Tran Viet</i> <b>GPSInsights: Towards an efficient framework for storing and mining massive real-time vehicle location data</b>
12:15	<i>Chien Ta, Tuoi Phan</i> <b>An Approach for Searching Semantic-based Keywords over Relational Database</b>	
12:35	<b>LUNCH</b> Imperial Restaurant – 3 <sup>rd</sup> Floor	
13:30 to 16:00	<b>HUE City tour - Free</b> (Registration at Conference Registration Desk on 2 <sup>nd</sup> floor in the morning December 3,2015)	