

SoICT 2013 PROGRAM

DAY 1

8.30-9.00	Registration <i>Pullman Hotel Hall</i>		
9.00-9.15	Opening Ceremony <i>Lotus 1</i>		
9.15-10.00	Keynote Talk 1 Data Mobile Cloud Technology: mVDI Eui-nam Huh, Kyunghee University (South Korea) <i>Lotus 1</i>		
10.00-10.20	Coffee Break - foyer Lotus 1		
	Session 1: Computing Algorithms and Paradigms <i>Lotus 1</i>	Session 2: Cloud Computing and Big Data <i>Hibiscus</i>	Session 3: Software Engineering <i>Orchid</i>
10.20-10.40	Hierarchical Emotion Classification Using Genetic Algorithms <i>Ba-Vui Le, Jae Hun Bang, Sungyoung Lee</i>	Stretch Optimization For Virtual Screening On Multi-User Pilot-Agent Platforms On Grid/Cloud <i>Bui The Quang, Nguyen Hong Quang, Emmanuel Medernach, Vincent Breton, Pham Quoc Long</i>	Online Model-driven IDE to Design GUIs For Cross-platform Mobile Applications <i>Chi-Kien Diep, Quynh-Nhu Tran, Minh-Triet Tran</i>
10.40-11.00	Towards Tangent-linear GPU Programs Using OpenACC <i>Bui Tat Minh, Michael Förster, Uwe Naumann</i>	Efficient Query Evaluation on Distributed Graph with Hadoop Environment <i>Le-Duc Tung, Quyet Nguyen-Van, Zhenjiang Hu</i>	Combining Maturity With Agility – Lessons Learnt From A Case Study <i>Nguyen Ngoc Tuan, Thang Huynh Quyet</i>
11.00-11.20	Time Series Symbolization and Search for Frequent Patterns <i>Mai Van Hoan, Matthieu Exbrayat</i>	Optimized Data Management for E-Learning in the Clouds Towards Cloodle <i>Mirna Adriani, Yeow Wei Choong, Ba Hung Ngo, Laurent D'Orazio, Dominique Laurent, Nicolas Spyrtos</i>	Constructing Test Cases for N-wise Testing from Tree-based Test Models <i>Thi Bich Ngoc Do, Takashi Kitamura, Van Tang Nguyen, Goro Hatayama, Shinya Sakuragi, Hitoshi Ohsaki</i>
11.20-11.40	Computer Simulation and Approximate Expression for The Mean Range of Reservoir Storage with GAR(1) Inflows <i>Nguyen Van Hung, Tran Quoc Chien</i>	Minimizing Data Transfers for Regular Reachability Queries on Distributed Graphs <i>Quyet Nguyen-Van, Le-Duc Tung, Zhenjiang Hu</i>	A New Test Modeling Language for Interactive Applications Based on Task Trees <i>Le Thanh Long, Nguyen Thanh Binh, Ioannis Parissis</i>
11.40-12.00	Iterated Local Search in Nurse Rostering Problem <i>Sen Ngoc Vu, Minh H.Nhat Nguyen, Le Minh Duc, Chantal Baril, Viviane Gascon, Tien Ba Dinh</i>	Implementation of Vector Space Model Using Hadoop Platform for Private Document Retrieval Systems, <i>Hung Ba Ngo, Nam Phuong Huynh and Anh The Nguyen An</i>	Modeling and Debugging Numerical Constraints of Cyber-Physical Systems Design <i>Thanh Nguyen Tien, Shin Nakajima, Thang Huynh Quyet</i>

12.00-	Lunch <i>Epice restaurant</i>		
14.00-14.45	Keynote Talk 2 Models for Uncertain Data Pierre Senellart, Telecom ParisTech (France) <i>Lotus 1</i>		
14.45-15.30	Keynote Talk 3 The Dawn of Quantum Communication Pramode Verma, University of Oklahoma-Tulsa (USA) <i>Lotus 1</i>		
15.30-15.50	Coffee Break - foyer Lotus 1		
	Session 4: Computer and Communication Engineering <i>Magnolia</i>	Session 5: Image Processing and Computer Vision 1 <i>Hibiscus</i>	Session 6: Knowledge-based and Information Systems 1 <i>Orchid</i>
15.50-16.10	Applying Time Series Analysis and Neighbourhood Voting in a Decentralised Approach for Fault Detection and Classification in WSNs <i>Tuan Anh Nguyen, Doina Bucur, Marco Aiello, Kenji Tei</i>	Principal Direction Analysis-based Real-time 3D Human Pose Reconstruction from a Single Depth Image <i>Dong-Luong Dinh, Hee-Sok Han, Hyun Jae Jeon, Sungyoung Lee, Tae-Seong Kim</i>	Automatic Feature Selection for Named Entity Recognition Using Genetic Algorithm <i>Huong Thanh Le, Luan Van Tran</i>
16.10-16.30	P2P Shared-caching Model: Using P2P to Improve Client-Server Application Performance <i>Luong Quy Tho, Ha Quoc Trung</i>	Restoring Surfaces after Removing Objects in Indoor 3D Point Clouds <i>Nghia Huu Doan, Duy Pham, Tien Ba Dinh, Thang Ba Dinh</i>	VNLP: An Open Source Framework for Vietnamese Natural Language Processing <i>Ngoc Minh Le, Bich Ngoc Do, Vi Duong Nguyen, Thi Dam Nguyen</i>
16.30-16.50	Mobile Peer-to-Peer Approach for Social Computing Services in Distributed Environment <i>Ha Manh Tran, Khoa Van Huynh, Khoi Duy Vo, Son Thanh Le</i>	Violent Scene Detection Using Mid-level Feature <i>Vu Lam, Sang Phan, Thanh Duc Ngo, Duy-Dinh Le, Duc Anh Duong, Shin'Ichi Satoh</i>	On the Efficiency of Query-Subquery Nets: An Experimental Point of View <i>Son Thanh Cao</i>
16.50-17.10	Correlation-based Clustering in Wireless Sensor Network for Energy Saving Protocol <i>Nguyen Thi Thanh Nga, Son Hong Ngo, Ngo Quynh Thu</i>	In Situ Spatial AR Surgical Planning Using Projector-Kinect System <i>Rong Wen, Binh P. Nguyen, Chin-Boon Chng, Chee-Kong Chui</i>	Extraction of Disease Events for Real-time Monitoring System <i>Minh-Tien Nguyen, Tri-Thanh Nguyen</i>
17.10-17.30	Towards An Analysis on The Operation and Open-Source Code of Atheros Ath5k Device Driver <i>Quan Le-Trung and Minh Son Nguyen</i>	On Approaching 2D-FPCA Technique to Improve Image Representation in Frequency Domain <i>Thai Hoang Le, Hung Phuoc Truong, Ha Thi Thanh Do, Duc Minh Vo</i>	Experiments With Query Translation and Re-ranking Methods In Vietnamese-English Bilingual Information Retrieval <i>Lam Tung Giang, Vo Trung Hung, Huynh Cong Phap</i>

18.00-	Gala Dinner San Ho restaurant, Hoang Sa Road
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DAY 2

8.30-9.15	Keynote Talk 4 Semantics-based Keyword Search over XML and Relational Databases Tok Wang Ling, National University of Singapore Probabilistic <i>Lotus 1</i>
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9.15-9.30	Coffee Break
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	Session 7: Smart and Complex Systems <i>Lotus 1</i>	Session 8: Image Processing and Computer Vision 2 <i>Hibiscus</i>	Session 9: Knowledge-based and Information Systems 2 <i>Orchid</i>
9.30-9.50	Agent Based Model of Smart Grids for Ecodistricts <i>Murat Ahat, Soufian Ben Amor, Marc Bui</i>	State-space Modeling based on Principal Component Analysis and Oxygenated-Deoxygenated Correlation to Improve Near-Infrared Spectroscopy Signals <i>Nguyen Duc Thang, Nguyen Huynh Minh Tam, Tran Le Giang, Vo Nhut Tuan, Lan Anh Trinh, Hoang-Hai Tran, Minh Tam Tran</i>	Document Classification Using Semi-supervised Mixture Model of von Mises-Fisher Distributions on Document Manifold <i>Nguyen Kim Anh, Ngo Van Linh, Le Hong Ky, Tam Nguyen The</i>
9.50-10.10	Initializing Reservoirs with Exhibitory and Inhibitory Signals Using Unsupervised Learning Techniques <i>Sebastián Basterrech, Václav Snáel</i>	Toward a Practical Visual Object Recognition System <i>Mao Nguyen, Minh-Triet Tran</i>	Demystifying Sparse Rectified Auto-Encoders <i>Kien Tran, Bac Le</i>
10.10-10.30	Method Supporting Collaboration in Complex System Participatory Simulation <i>Khanh Nguyen Trong, Nicolas Marilleau, Tuong Vinh Ho, Amal El Fallah Seghrouchni</i>	A Better Bit-Allocation Algorithm for H.264/SVC <i>Vo Phuong Binh, Shih-Hsuan Yang</i>	A Runtime Approach for Estimating Resource Usage <i>Diep Bui Phi, Khanh Nguyen Trong, Viet Ha Nguyen</i>
10.30-10.50	An Implementation of Framework of Business Intelligence for Agent-based Simulation <i>Thai Minh Truong, Frédéric Amblard, Benoit Gaudou, Christophe Sibertin-Blanc, Viet Xuan Truong, Alexis Drogoul, Hiep Xuan Huynh, Minh Ngoc Le</i>	A method for Hand Detection Using Internal Features and Active Boosting-based Learning <i>Van-Toi Nguyen, Thuy Thi Nguyen, Remy Mullot, Thi Thanh-Hai Tran, Hung Le</i>	Document Clustering Using Dirichlet Process Mixture Model of von Mises-Fisher Distributions <i>Nguyen Kim Anh, Nguyen The Tam, Ngo Van Linh</i>

10.50-11.35	Round Table (Lotus 1) A Theoretical perspective: Why do we need to go beyond the Turing machine theory <i>Marc Bui, Ivan lavallee, Michel Lamure</i>
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11.45-	Lunch <i>Epice restaurant</i>
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