ACOMP-2015, TECHNICAL PROGRAM IN DETAIL
International Conference on Advanced Computing and Applications
Ho Chi Minh City, Vietnam, November 23-25, 2015
(co-located with FDSE 2015)

DAY 1:	Monday, November 23, 2015		
07:30-08:30	Registration, Location: B4's Lobby		
08:30-09:00	Opening Ceremony, Room = Hall B4		
	Keynote Session, Room = Hall B4		
KEYNOTE 1	**Chair: Prof. Dr. Shigeki Yamada**		
09:00-10:00	**"Extreme Scale Computing vs. Energy Efficiency - A Challenge for Computer Science?" by Prof. Dr. Dieter Kranzlmüller**		
10:00-10:20	**Coffee Break**		
KEYNOTE 2	**Chair: Prof. Dr. Manuel Clavel**		
10:20-11:20	**"An Empirical Study of the Attack Potential of Vulnerabilities" by Prof. Dr. Fabio Massacci**		
	Lunch		
	Room = 303B4		**Room = 302B4**
	Session: Advances in Security and Information Systems **Chair: Assoc. Prof. Tran Minh Triet**		
13:30-14:00	Combining Fuzzy Extractor in Biometric-Kerberos based Authentication Protocol	Nguyen Thi Ai Thao, Khanh Dang Tran	
14:00-14:30	Dangers of Sharing Platforms Used by People of Different Personalities	Zoltán Balogh, Károly Szommer	
14:30-15:00	A robust mean shift-based approach to effectively clustering incomplete educational data	Chau Vo Thi Ngoc, Loc Phan Huu, Tran Vo Thi Ngoc	
15:00-15:30	ExtractingRuleRF in Educational Data Classification: from a Random Forest to Interpretable Refined Rules	Phung Lu Thi Kim, Chau Vo Thi Ngoc, Phung Nguyen Hua	
15:30-15:45	**Coffee Break**		**Coffee Break**
	Session: Model-based Software Engineering & Enterprise Engineering (MSEEE) **Chair: Assoc. Prof. Quan Thanh Tho**	**Session: Embedded Systems and VLSI Design (ESVD)** **Chair: Prof. Dr. Koichiro Ishibashi**	
15:45-16:15	Linking Rules and Conceptual Model in a Domain Specific Language	Long-Phuoc Ton, Thai-Minh Truong	Heterogeneous Hardware Accelerators with Hybrid Interconnect: an Automated Design Approach	Cuong Pham-Quoc, Imran Ashraf, Zaid Al-Ars, Koen Bertels
16:15-16:45	Web Service Composition Automation based on Term Rewriting System	Khai Huynh, Tho Quan, Thang Bui	Accelerating anomaly-based IDS using neural network on GPU	Van Nguyen, Thinh Tran Ngoc
16:45-17:15	An Approach for Building A Semi-Automatic Online Consultancy System	Thai-Nghe Nguyen, Quoc-Dinh Truong	Towards an Open Framework for Home Automation Development	Dang-Nhat Pham-Huu, Van-Hien Nguyen, Van-Anh Trinh, Van-Hieu Bui, Hoang-Anh Pham
19:00 - 21:00	**Welcome party**		

DAY 2:	Tuesday, Novemver 24, 2015		
08:30-09:00	Registration, Location: B4's Lobby		
	Keynote Session, Room = Hall B4		
KEYNOTE 3	Chair: Prof. Dr. Dieter Kranzlmüller		
09:00-10:00	"Modelling Sensible Business Processes" by Prof. Dr. Pedro Antunes		
10:00-10:20	Coffee Break		
KEYNOTE 4	Chair: Prof. Dr. Dieter Kranzlmüller		
10:20-11:20	"Resilient Networking Solutions for Prompt Disaster Recoveries" by Prof. Dr. Shigeki Yamada		
	Lunch		
	Room = 302B4		
	Session: Image Processing and Visualization (IPV) **Chair: Dr. Pham Quoc Cuong**		
13:30-14:00	Hole Boundary Detection of a Surface of 3D point clouds	Sinh Van Nguyen, Hai Trong Trinh, Ha Manh Tran	
14:00-14:30	Binary Image Acquisition Method of CMOS Image Sensor based on MCU SPI interface	Xuhui Chen, Hongyun Yang	
14:30-15:00	Boosting Speed, Accuracy in Deformable Part Models for Face Image in the Wild	Dinh Luan Nguyen, Vinh Tiep Nguyen, Minh Triet Tran, Atsuo Yoshitaka	
15:00-15:30	An Unified Framework for Motorbike Counting and Detecting in Traffic Videos	Thanh-Sach LE, Chi-Kien HUYNH	
15:30-15:45	Coffee Break		
	Session: High Performance & Scientific Computing (HPSC) **Chair: Prof. Dr. Shigeki Yamada**		
15:45-16:15	Message Leak Detection in Debugging Large-scale Parallel Applications	Dang Diep, Tu Do, Nam Thoai	
16:15-16:45	Flexible Network-based Intrusion Detection, Prevention System on Software-defined Networks	An Le, Phuong Dinh, Hoa Le, Cuong Tran	
16:45-17:15	EMinRET: Heuristic for Energy-Aware Virtual Machine Placement with Fixed Interval, Non-preemption	Quang-Hung Nguyen, Nam Thoai	
19:00 - 21:00	Invited Dinner		

DAY 3:	Wednesday, November 25, 2015			
08:30-09:00	Registration, Location: B4's Lobby			
	Keynote Session, Room = Hall B4			
KEYNOTE 5	Chair: Prof. Dr. Pedro Antunes			
09:00-10:00	"Model-Based Formal Analysis of Data-Management Applications" by Prof. Dr. Manuel Clavel			
10:00-10:20	Coffee Break			
	Lunch			
	Room = 302B4		Room = 303B4	
	Session: High Performance & Scientific Computing (HPSC) Chair: Dr. Michel Toulouse		Session: Image Processing and Visualization (IPV) Chair: Dr. Tran Manh Ha	
13:30-14:00	Distributed Event Monitoring for Software Defined Networks	Ha Manh Tran, Quan Vuong, Son Thanh Le	Vietnamese Voice Recognition for Home Automation using MFCC, DTW Techniques	Minh-Son Nguyen, Tu-Lanh Vo
14:00-14:30	A new HLLEM-type Riemann solver for compressible multi-phase flows with surface tension	Nguyen Tri Nguyen, Michael Dumbser	Human-crowd density estimation based on Gabor filter and cell division	Thanh-Sach LE, Chi-Kien HUYNH
14:30-15:00	Aspect Analysis for Opinion Mining of Vietnamese Text	Hai Son Le, Thanh Van Le, Tran Vu Pham	Comparison of Strategies for Multi-step-ahead Prediction of Time Series Using Neural Network	Duong Tuan Anh, Nguyen Hoang An
19:00 - 21:00	Gala Dinner			
	End of the Technical Program			
DAY 4&5:	Thursday & Friday, November 26-27, 2015: Post-Conference Tour (Schedule: being informed on the conference site)			