



# IAIT2013 Conference Program

12-13 December 2013@ SIT, KMUTT, Thailand

## Thursday 12 December 2013

Time/Room	Meeting Room A	Meeting Room B	Meeting Room C
08:00 – 09:30	Registration, 4 <sup>th</sup> floor SIT Building		
09:00 – 09:30	Opening Ceremony		
09:30 – 11:00	Keynote Talk: <i>Prof. Irwin King</i>		
11:00 – 11:30	Coffee Break		
11:30 – 12:30		Invited Talk: <i>Prof. Joseph G. Davis</i>	Invited Talk: <i>Prof. Albert Y. Zomaya</i>
12:30 – 13:30	Lunch		
13:30 – 15:00		<u>IAIT Session 1</u> Chaired by <i>Asst. Prof. Dr. Chonlameth Arpnikanondt</i>  <b>Information Assurance and Security</b> <ul style="list-style-type: none"> <li>Invited talk from <u>Baidu.com</u>, <i>Mr. Zhou Hong Zhong</i>, Topic: Understanding Users: Baidu's Innovations on Search</li> <li>P60 – Efficient Code Obfuscation for Android (Aleksandrina Kovacheva)</li> <li>P26 – RFID Privacy and Security Risk: Italian Case Study (Pietro Tapanelli)</li> </ul>	<u>IAIT Session 2</u> Chaired by <i>Asst. Prof. Dr. Chakarida Nukoolkit</i>  <b>Artificial Intelligence</b> <ul style="list-style-type: none"> <li>P35 – Mining Top-K Frequent-Regular Patterns Based on User-Given Trade-Off Between Frequency and Regularity (Komate Amphawan)</li> <li>P38 – Improving Multi-Floor Facility Layout Problem Using Systematic Layout Planning And Simulation (Seyed Ali Mirzapour)</li> <li>P43 – Effect of Training Sample on Reconstructing 3D Face Shapes from Feature Points (Ashraf Y. A. Maghari)</li> <li>P40 – Modified Deformable Parts Model for Side Profile Facial Feature Detection (Pisal Setthawong)</li> </ul>
15:00 – 15:30	Coffee Break		
15:30 – 17:00		<u>IAIT Session 3</u> Chaired by <i>Asst. Prof. Dr.</i>	<u>IAIT Session 4</u> Chaired by <i>Asst. Prof. Dr.</i>

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		<p><i>Vajirasak Vanijja</i></p> <p><b><i>IP-Based Software and Networking</i></b></p> <ul style="list-style-type: none"> <li>• P54 – A Review of Security Risks in the Mobile Telecommunication Packet Core Network (Sivadon Chaisiri)</li> <li>• P01 – The Evaluation of Thai Speech Recognition over IP on Codec Bit Rate and Packet Loss (Tuul Triyason)</li> <li>• P42 – A Comparative Study of VoIP Quality Measurement from G.711 and G.729 Using PESQ and Thai Speech (Kiattisak Yochanang)</li> <li>• P28 – Event-Driven Implementation of Layer-7 Load Balancer (Shin-ya Nishizaki)</li> </ul>	<p><i>Bunthit Watanapa</i></p> <p><b><i>Artificial Intelligence</i></b></p> <ul style="list-style-type: none"> <li>• P49 – A New Multi-Sensor Track Association Approach Based on Intuitionistic Fuzzy Clustering (Zhao Lingling)</li> <li>• P34 – An Intelligent Cloud Cache Replacement Scheme (Thepparit Banditwattanawong)</li> <li>• P47 – Icon Replacement Regularization for Jammed Profiles: Applications to Web-Registered Personnel Mining (Hiroyuki Kamiya)</li> <li>• P48 – Evaluating and Benchmarking the Interactions between a Social Robot and a Virtual Human for a Real-World Social Task (S.M. Mizanoor Rahman)</li> </ul>
17:30 – 20:00	Conference Dinner @ Holiday Inn Silom		

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08:00 – 09:30	Registration, 4 <sup>th</sup> floor SIT Building		
09:30 – 10:30		Invited Talk: <i>Prof. Pascal Bouvry</i>	Invited Talk: <i>Prof. Ahmed Louri</i>
10:30 – 11:00	Coffee Break		
11:00 – 12:00	<u>Competition:</u> <i>1<sup>st</sup> round</i>		
12:00 – 13:00	Lunch		
13:00 – 14:30		<u>IAIT Session 5</u> Chaired by <i>Assoc. Prof. Dr. Kittichai Lavangnananda</i>  <b><i>e-Learning, e-Business, e-Government</i></b> <ul style="list-style-type: none"> <li>• P44 – Use of Multi-Agent Based Platform for Providing Document-Centric Interoperability in the Realm of e-Government (Muhammad Faran Majeed)</li> <li>• P39 – Analysis of Optimization Techniques to Improve User Response Time of Web Applications and Their Implementation for Moodle (Priyanka Manchanda)</li> <li>• P02 – Assessing the Differential Effect of Web Usability Dimensions on Perceived Usefulness of a B2C e-Commerce Websites (Geetanjali Sahi)</li> </ul> P27 – A Paradigm Approach to Generate Trust Index Using 3C3G Framework for B2C e-Commerce Websites (Baljeet Kaur)	<u>IAIT Session 6</u> Chaired by <i>Asst. Prof. Dr. Narongrit Waraporn</i>  <b><i>Information System Development</i></b> <ul style="list-style-type: none"> <li>• P56 – Cross-Media Analysis for Communication During Natural Disasters (Gerald Quirchmayr)</li> <li>• P33 – Intensity-Based Video Steganography with Wavelet Transform (Kornkanok Churin)</li> <li>• P30 – Identifying Factors Influencing Hybrid Self-regulated and Collaborative Learning: Toward an End-User Training Framework (Sirikorn Krompho)</li> <li>• P03 – Design of a Disease Management System for Chronic Heart Failure: A Case Study from Advanced Heart Failure Clinic at King Chulalongkorn Memorial Hospital (Chaiyawut Sookplang)</li> </ul>
14:30 – 16:30	<u>Competition:</u> <i>2<sup>nd</sup> round,</i> Refreshment provided		