

## Thursday 15 December 2016, Opening Ceremony

8.30 - 9.00	Registration Starts
9.00 - 9.30	Opening Ceremony
9.35 - 10.20	Keynote Speaker I : Prof. Dr. Potchanat Samermit, University of Interdisciplinary Studies, USA Title: "A Note on Computer and Human Intelligence"
10.20 - 10.30	Honorary Award Ceremony for Assoc. Prof. Dr.Yuen Poovarawan
10.30 - 10.45	Break (Refreshment and Concession are provided)
10.45 - 11.20	Keynote Speaker II : Prof. Dr. K.Somasundaram, Gandhigram Rural Institute, India Title: "Challenges in Image Segmentation"
12.00 - 13.00	Lunch

## Thursday 15 December 2016, 13.00 - 15.20, Technical Parallel Session

	Parallel Session (1) E1-1A	Parallel Session (2) E1-1B	Parallel Session (3) E1-1C	Thai Track (1) T1-1D	Parallel Session (4) E1-1E
Session Title	Computer vision	IoT	IT	CS and E Ontology	SE
13.00 - 13.20	ID-13	ID-28	ID-24	ID-118	ID-56
	Visibility Restoration of Lake Crater Hazy Image Based On Dark Channel Prior	Policy Management for Docker Ecosystem	A New Approach to Extracting Sport Highlight	การศึกษาแบบจำลองความหมายเชิงประจักษ์สำหรับถอดรหัสรูปแบบการกระตุ้นของสมองบนแอปพลิเคชันไอโอ	Adopting a Combination of Scrum and Waterfall Methodologies in Developing Tailor-made SaaS Products for Thai Service and Manufacturing SMEs.
13.20 - 13.40	ID-74	ID-113	ID-26	ID-142	ID-99
	Brain Portion Segmentation From Magnetic Resonance Images(MRI) Of Human Head Scan Using Richardson Lucy Deconvolution And Intensity Thresholding	Selection Model for Communication Performance of the Bus Tracking System	An Institution Recommender System Based on Student Context and Educational Institution in a Mobile Environment	การวางแผนการผลิตเพื่อลดการทำงานล่วงเวลา กรณีศึกษาโรงงานประกอบชิ้นส่วนอิเล็กทรอนิกส์	OUTSOURCING CONTRACT MANAGEMENT CHALLENGES: A DETAILED STUDY
13.40 - 14.00	ID-75	ID-131	ID-52	ID-199	ID-160
	Fetal Head Localization and Fetal Brain Segmentation from MRI using the Center of Gravity	Internet of Things for Planting in Smart Farm Hydroponics Style	Stock Price Trend Prediction using Artificial Neural Network Techniques Case Study: Thailand Stock Exchange	Longan Grading Using Hough Transform	A Framework of Thailand Higher Education Dashboard System

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Session Title	Computer vision	IoT	IT	CS and E Ontology	SE
14.00 – 14.20	ID-77	ID-152	ID-61	ID-53	ID-177
	Brain Abnormality Detection from MRI of Human Head Scans using the Bilateral Symmetry Property and Histogram Similarity Measures	IoT Planting: Watering System Using Mobile Application for Elderly	Factors of S-Commerce Influencing Trust and Purchase Intention	An Ontology Based Chatbot Application for Diabetes Diagnosis	A Framework to Applying ISO/IEC29110 on SCRUM
14.20 – 14.40	ID-101	ID-153	ID-80	ID-201	ID-182
	A Hybrid EMPCA-Scott Approach for Estimating Probability Distributions in Mutual Information	Smart Healthcare: Basic Health Check-up and Monitoring System for Elderly	The Performance Evaluation of a Hybrid Immune Genetic Algorithm Based on Mathematical Functions	เครื่องมือควบคุมการปรับแต่งแม่แบบเว็บแอปพลิเคชัน	Detecting Deadlock in Activity Diagram Using Process Automata
14.40 – 15.00	ID-126	ID-156	ID-88	ID-69	ID-83
	Motion Blur Parameter Estimation Based on Autocorrelation for Liver Ultrasound Image	Comparison of Load Balancing Methods for Raspberry –Pi Clustered Embedded Web Servers	A classification of accelerometer data to differentiate pedestrian state	Efficient Parallel Longest Common Subsequence with Pipelining Technique	Weighted Minimum Consecutive Pair of The Extreme Pole Outlier Factor
15.00-15.20	Break (Refreshment and Concession are provided)				

## Thursday 15 December 2016, 15.20 - 17.40, Technical Parallel Session

	Parallel Session (5) E1-2A	Parallel Session (6) E1-2B	Parallel Session (7) E1-2C	Thai Track (2) T1-2D	
Session Title	CV	IOT & Embedded	IT	KM	
15.20 - 15.40	ID-144	ID-94	ID-104	ID-27	<b>Steering Committee Meeting</b>
	Automatic Lung Segmentation in Chest Radiographs Using Shadow Filter and Multilevel Thresholding	A Hardware-Based Security Scheme for In-Vehicle CAN	A Combination of GA and Fuzzy Set for a Phuket Tourism Planning Model (PTPM)	Analysis System of Bantam Breeds through Choosing and Assembly Pieces Model of Looks and Color	
15.40 - 16.00	ID-165	ID-209	ID-106	ID-32	
	Construction and Validation of Economic Vision System for Bacterial Colony Count	MQTT-Topic Naming Criteria of Open Data for Smart Cities	Effect of Personality Factors on Attitude Towards the Adoption of Health Information via Online Social Networking	Online System for Managing Data and Analyzing Group of Stateless People: Case Studies in the Area of Chiang Mai and Chiang Rai Provinces	
16.00 - 16.20	ID-186	ID-211	ID-148	ID-45	
	Rice-Root Cortex Segmentation Using Graph Optimization and Multi-Resolution Analysis	Automatic Faucet with Changeable Flow based on MQTT protocol	A Conceptual Framework of Students with Visual Impairments on Website Accessibility Acceptance	Converting Thai Music Note in Form of Structure of Western Music Note Based on MusicXML	
16.20 - 16.40	ID-207	ID-500	ID-154	ID-72	
	An Image-processing Based Algorithm for Rice Seed Germination Rate Evaluation	Design and Implementation of a Automatic Smart Urinal Flusher	Thai Speech Synthesis Based on Formant Synthesis for Home Robot	Rule-based Diagnosis System for the Respiratory Tract Diseases	

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Session Title	CV	IOT & Embedded	IT	KM	
16.40 - 17.00		ID-120	ID-158	ID-150	<b>Steering Committee Meeting</b>
		Measuring Information On Mobile Devices Usage: An Entropy-Based Approach	Suspect Tracking Based on Call Logs Analysis and Visualization	A Conceptual Framework Transforms Mobility Social Networking Application to Top Mobility Social Networking Application	
17.00 - 17.20		ID-70	ID-164	ID-178	
		Hadoop Distributed Computing Clusters for Fault Prediction	DNA forensic system for police forensic science center cooperation : Architectural design and implementation	A Development of Opinion Mining Measurement Tool for Hashtag Messages on the Social Networks	
17.20 - 17.40				ID-189	
				Subspace Ranking Algorithms	
18.00 – 21.00	*** Banquet ***				

## Poster Session

Thursday 15 December 2016, 15.00 - 15.20

Poster session (International Track)			
15.00-15.20	PID-54	PID-121	PID-195
	An Improved Method of ONU Placement on Multi-hop Wireless Connections for Hybrid Wireless-Optical Broadband Access Network	Hybrid Wireless Sensor Network for Tourism Farm	Essential social attributes and Habit in fitness mobile applications usage to persuade a physical activity
	PID-117	PID-402	
	Numerical Simulation of Acoustic Lenses based on Fresnel Zone Plate	The UHF RFID Wristband System for Attending the Rehearsal Sessions and Graduation Ceremony	
	Poster session (Thai Track)		
	PID-401	PID-41	PID-167
ประสิทธิภาพของระบบการจัดการเรียนการสอนโดยสื่อสารผ่านเครือข่ายสังคม	แอปพลิเคชันสำหรับการสื่อสารด้วยการแปลงท่าทางมือเป็นเสียงพูด	Automatic Gateway Selection on Multi-Gateways System in Wireless sensor network	