

Thursday 7th July 2016

08:00 – 08:50	Registration
08:50 – 09:10	<p>Report (in Thai) by Assoc.Prof.Dr. Phayung Meesad, <i>Dean of Faculty of Information Technology,</i> <i>King Mongkut's University of Technology North Bangkok</i></p> <p>Report (in Thai) by Asst.Prof.Dr. Sujin Butdisuwan <i>Dean of Faculty of Informatics</i> <i>Maharakham University</i></p> <p>Report by Prof.Dr. Herwig Unger, <i>IC²IT2016 Technical Program Chair,</i> <i>Fern University in Hagen, Germany</i></p>
09:10 – 09:30	Welcome Speech by Prof. Dr. Sampan Rittidech , <i>President of Maharakham University</i>
09:30 – 09:50	Opening Ceremony by Prof.Dr.Teravuti Boonyasopon , <i>President of King Mongkut's University of Technology North Bangkok</i>
09:50 – 10:50	<p>Invited Keynote Speech by: Prof. Dr.-Ing. habil. Djamshid Tavangarian</p> <ul style="list-style-type: none"> • Member of the Faculty of Computer Science and Electrical Engineering at the University of Rostock, Germany <p>Topic: Cloud computing - New Paradigms and Challenges</p>
10:50 – 11:00	<i>Coffee Break</i>
11:00 – 12:00	<p>Invited Keynote Speech by: Prof. Dr. Armin R. Mikler</p> <ul style="list-style-type: none"> • Professor in Department of Computer Science at the University of North Texas <p>Topic: RE-PLAN: A Computational Framework for Response Plan Design and Analysis</p>
12:00 – 13:00	<i>Lunch</i>
13:00 – 17:40	Paper Presentation
17:40 – 22:00	Welcome Dinner

Paper Presentation
Thursday 7th July 2016

ROOM 1: DATA MINING AND MACHINE LEARNING

13:00 – 13:20 <i>NCCIT2016-159</i>	Personalized Travel Planning System for Three Provinces of Southern Esan Region of Thailand using Decision Tree <i>Chayaporn Kaensar and Supawadee Hiranpongsin</i>
13:20 – 13:40 <i>NCCIT2016-18</i>	Detect and Report Activities of the Elderly Using Smartphone <i>Thawatchai Promrat, Pornchai Mongkolnam, Suree Funilkul and Sumet Angkasirikul</i>
13:40 – 14:00 <i>NCCIT2016-3</i>	Parameters Optimization of Interval Type-2 Fuzzy Logic System Using Hybrid Swallow Swarm Optimization <i>Adisak Sangsongfa and Phayung Meesad</i>
14:00 – 14:20 <i>NCCIT2016-63</i>	Hairstyle Recommendation System for Women <i>Wisuwat Sunhem, Kitsuchart Pasupa, and P. Jansiripitikul</i>
14:20 – 14:40 <i>NCCIT2016-150</i>	Forecasting of the Insurgency Type in Southern of Thailand by Using Data Mining <i>Wanichaya Phanpairot, Maleerat Sodanil and Tongpool Heeptaisong</i>
<i>Coffee Break 14:40-15:00</i>	
15:00 – 15:20 <i>NCCIT2016-188</i>	Social Network Behavior Analysis for Personalized Restaurant Recommendation System <i>Krittika Sripongsuk and Sukree Sinthupinyo</i>
15:20 – 15:40 <i>NCCIT2016-196</i>	The Decision Support System for Buying Car Insurance by Comparison between the Decision Tree Technique and K-Nearest Neighbor <i>Issara Khamyoo and Montean Rattanasiriwongwut</i>
15:40 – 16:00 <i>NCCIT2016-141</i>	Feature Weighting for K-Nearest Neighbor <i>Phongphat Phanuthat and Supoj Hengprapohm</i>
16:00 – 16:20 <i>NCCIT2016-2</i>	Feature Selection for Latent Semantic Indexing with Binary Particle Swarm Optimization <i>Suksun Promboonruang, Jatsada Singthongchai and Bancha Luaphol</i>
16:20 – 16:40 <i>NCCIT2016-6</i>	English Abstract Categorization with Machine Learning <i>Thoranin Suksiriwat, Somchai Chiengpongpan and Wanthanee Prachuabsupakij</i>
16:40 – 17:00 <i>NCCIT2016-34</i>	Incorporating Dempster-Shafer Theory and Image Processing to Classify Phet Rose Apple <i>Siriporn Uamsiri, San Ratanasanya, Jarut Busarathid and Suwatchai Kamonsantiroj</i>
17:00 – 17:20 <i>NCCIT2016-65</i>	Applying the Association Rule to e-Learning Acceptance Model: The Case of Kasem Bundit University <i>Worawat Wasanapreecha and Suronape Phoomvuthisarn</i>

ROOM 2: COMPUTER EDUCATION	
13:00 – 13:20 <i>NCCIT2016-165</i>	Development of Multimedia in Topics of Activity of Daily Life for Children with Mental Retardation on Android Operating System <i>Wongkot Sriurai, Saksan Phumikong and Nuttawika Khamlon</i>
13:20 – 13:40 <i>NCCIT2016-203</i>	The Study Results of Agile Process in Senior Project Case Study: Software Engineering Program in Walailak University <i>Karanrat Thammarak</i>
13:40 – 14:00 <i>NCCIT2016-68</i>	An Android Application Using Augmented Reality on Topic of Wildlife Preservation <i>Pongsak Wongdaeng, Nathee Yongyut and Jirapat Bumrungmit</i>
14:00 – 14:20 <i>NCCIT2016-211</i>	Learning Management System through Electronic Learning Center for High School Students with a Variety of Online Media: Case Study of the School in the Lower Central Region <i>Paisan Simalaotao and Ubonrat Sirisukpoca</i>
14:20 – 14:40 <i>NCCIT2016-195</i>	The Development of Activity for 2.0 Web Technology Application to Promote Thought Process of Computer Methods <i>Phairoj Dannaola, Worapapha Arreerard and Tharach Arreerard</i>
<i>Coffee Break 14:40-15:00</i>	
15:00 – 15:20 <i>NCCIT2016-129</i>	The Developing of Project Based Learning with Web-Based Programming to Encourage Web Development Skill <i>Sakkapon Pankun and Phongthanat Sae-Joo</i>
15:20 – 15:40 <i>NCCIT2016-42</i>	The Application of Blended Learning to Increase the Learning Achievement of the Data Communication Networking Subject <i>Apirak Tooltham and Umaporn Jansopha</i>
15:40 – 16:00 <i>NCCIT2016-82</i>	The Development of WebQuest for Enhancing Student's Competency on Object-Oriented Programing with JAVA Technology Subject <i>Pichaya Promla and Thanrat Sintanakul</i>
16:00 – 16:20 <i>NCCIT2016-194</i>	A Study of Method to Teacher Promoting Multipoint Technology Applications to Learning Activity <i>Arada Suttichaiya and Worapapha Arreerard</i>
16:20 – 16:40 <i>NCCIT2016-28</i>	Development of Camera-controller Program on Raspberry Pi for Low Vision Users <i>Upady Hatthasin, Nachchon Khumjumpon and Papon Tepsarn</i>
16:40 – 17:00 <i>NCCIT2016-29</i>	Multimedia Game to Encourage Mathematical Skills for Primary Student 1 <i>Nattavadee Hongboonmee and Chaichana Tongma</i>
17:00 – 17:20 <i>NCCIT2016-55</i>	The Synthesis of Multimedia Development Model for Teaching Basic Photography and CIPP Evaluation <i>Kriangkrai Jariyapanya, Veerachai Khonchoho and Panya Tongnin</i>

ROOM 3: INFORMATION TECHNOLOGY AND SYSTEM ENGINEERING	
13:00 – 13:20 <i>NCCIT2016-158</i>	Applications of Geographical Information System for Chao Phraya Express Passenger Boat Services <i>Wirut Sattabut and Montean Rattanasiriwongwut</i>
13:20 – 13:40 <i>NCCIT2016-168</i>	A Monitoring for High Speed Internet Services Area with Ant Colony Optimization <i>Nunthaporn Sathapornwajana and Pudsadee Boonrawd</i>
13:40 – 14:00 <i>NCCIT2016-170</i>	Information Technology Service Management System Using Online Analytical Processing <i>Panrada Luadlai and Sakchai Tangwannawit</i>
14:00 – 14:20 <i>NCCIT2016-167</i>	An Automated Vehicle Location Prototyping Using iBeacon Technology <i>Phanuwat Yoksiri and Pudsadee Boonrawd</i>
14:20 – 14:40 <i>NCCIT2016-224</i>	Objective C Naming Convention Checker <i>Ruchuta Nundhapana and Twittie Senivongse</i>
<i>Coffee Break 14:40-15:00</i>	
15:00 – 15:20 <i>NCCIT2016-75</i>	Mobile Application for Traveling Suan Ban Kaew Palace <i>Khomgrid Tippayaprasert, Dechawut Wanichsan, Visava Seangmanee and Phannika Kongjuk</i>
15:20 – 15:40 <i>NCCIT2016-161</i>	Transportation Planning System by Applying Google Map API <i>Jutinun Vithanomsat and Montean Rattanasiriwongwut</i>
15:40 – 16:00 <i>NCCIT2016-51</i>	The implementation of Responsive Reservation Platform for Startup and Information Retrieval <i>Sasiprapa Jaiyai and Sakchai Tangwannawit</i>
16:00 – 16:20 <i>NCCIT2016-57</i>	Code Smell Influences in the Code Review for Open Source Software Projects <i>Apatta Chaisutanon, Aziz Nanthaamornphong and Rattana Wetprasit</i>
16:20 – 16:40 <i>NCCIT2016-112</i>	Energy Quota Management in Smart Grid Using a Web Service Based on REST <i>Hataikarn Sirichaisuttikorn, Anurak Choeichum and Chaiyaporn Khemapatapan</i>
16:40 – 17:00 <i>NCCIT2016-23</i>	Important Features for Cycling Application on Smartphone <i>Rattasart Pratumsiri, Wichai Eamsinvattana, and Pornchai Mongkolnam</i>
17:00 – 17:20 <i>NCCIT2016-136</i>	Coastal Erosion Monitoring System <i>Chamikorn Hiranrat, Tinnakorn Buanuan, Pitchayakorn Kantangkul and Pariwat Issarathummakul</i>

ROOM 4: HUMAN-COMPUTER INTERFACE AND IMAGE PROCESSING

13:00 – 13:20 <i>NCCIT2016-127</i>	Design and Development of Captcha Based on Barcode <i>Kaiwan Muanmon and Sompong Valuvanathorn</i>
13:20 – 13:40 <i>NCCIT2016-218</i>	3D Game Development and Performance Improvement for the Environment Simulation at Research Building of the Faculty of Science, Ubon Ratchathani University <i>Anusorn Bunteong, Tosporn Ngamtuan and Nateetorn Chartbualaung</i>
13:40 – 14:00 <i>NCCIT2016-9</i>	A Method for Measuring the Creative Processes and Learning Processes: Using Online Game Based Activities <i>Wilawan Inchamnan and Karuna Pamplay</i>
14:00 – 14:20 <i>NCCIT2016-213</i>	Developing the Augmented Reality Mobile Application for Historical Site <i>Banyapon Poolsawas, Panomporn Dokprakhon and Kwanruthai Kunkitchaoren</i>
14:20 – 14:40 <i>NCCIT2016-33</i>	Applying Gradient Direction to Automatic Chromatic Aberration Detection <i>Nattachai Ngamsangiam, San Ratanasanya and Suwatchai Kamonsantiroj</i>
<i>Coffee Break 14:40-15:00</i>	
15:00 – 15:20 <i>NCCIT2016-97</i>	Damage Locating and Imputing of Atomic Force Microscope Image by Extreme Learning Machine <i>Kwuanfa Mahasith and Khamron Sunat</i>
15:20 – 15:40 <i>NCCIT2016-225</i>	A System of Vehicle Detection and Counting Using Raspberry Pi <i>Pornsak Kamchan, Anut Maharutainont and Annupan Rodtook</i>
15:40 – 16:00 <i>NCCIT2016-185</i>	Face Detection Using Hybrid Detection Characteristic Facial with Skin Color Based on Viola-Jones <i>Somprasong Gabbualoy, Apiram Juengmunkong, Thirasak Rueangcharat, Sirapat Chiewchanwattana and Khamron Sunat</i>
16:00 – 16:20 <i>NCCIT2016-41</i>	Papaya Variety Classification by Image Processing <i>Surapet Wongbooncha and Khamron Sunat</i>
16:20 – 16:40 <i>NCCIT2016-86</i>	Medical Image Classification Using Combination of Texture and Shape Features <i>Pavida Yasowong and Chuleerat Jaruskulchai</i>
16:40 – 17:00 <i>NCCIT2016-107</i>	A Comparative Study in Hand Placement Detection of Peg-less Hand Geometry System <i>Apiwat Sawatdirat, Prasan Aurtan and Jakkree Srinonchat</i>
17:00 – 17:20 <i>NCCIT2016-71</i>	Sound Direction Responsibility System for Home Robot <i>Cheerawat Utenpitakkul, Kotchakon Rakkusol and Saiyan Saiyod</i>

ROOM 5: DATA NETWORK AND COMMUNICATION	
13:00 – 13:20 <i>NCCIT2016-91</i>	Longest Common Subsequence by New Dynamic Programming with Space Reduction <i>Sakpan Dangmanee and Jeeraporn Werapun</i>
13:20 – 13:40 <i>NCCIT2016-30</i>	The Survey of Wi-Fi Channel Overlap in Bangkok Business Area <i>Tuul Triyason and Prasert Kanthamanon</i>
13:40 – 14:00 <i>NCCIT2016-181</i>	A Study on Energy Efficiency of Routing Protocol in MANET <i>Chanakan Phankaew, Thitirat Sakpichaimongkol, Worrawat Narongkhachavana and Sumet Prabhavat</i>
14:00 – 14:20 <i>NCCIT2016-155</i>	Indoor Smartphone Locating System <i>Sitita Charuraks and Sirapat Boonkrong</i>
14:20 – 14:40 <i>NCCIT2016-183</i>	A Study on Performance of Gateway Discovery Mechanism in MANET <i>Thanet Phumpaijit, Wannisa Kammahyee, Thananop Thongthavorn, Worrawat Narongkhachavana and Sumet Prabhavat</i>
<i>Coffee Break 14:40-15:00</i>	
15:00 – 15:20 <i>NCCIT2016-20</i>	The Database System for Supporting the Network Maintenance and Management: Case Study the Wireless Network System of Walailak University <i>Satit Khwanchum and Wachirasak Pokakorn</i>
15:20 – 15:40 <i>NCCIT2016-69</i>	Development of Ultrasonic Transmitter and Stereo Receiver Circuit for Local Positioning System <i>Wootichai Nonsakhoo, Kasemsri Khongying, Saiyan Saiyod and Nunnapus Benjamas</i>
15:40 – 16:00 <i>NCCIT2016-148</i>	Performance Evaluation of Voice over WiFi Service <i>Chanalai Nurarit and Tanun Jaruvitayakovit</i>
16:00 – 16:20 <i>NCCIT2016-152</i>	GPS Sharing Application for Solving Various Problems <i>Thanakhorn Ngamwittayachaisakul, Chouvalit Khancome, and Pornpan Prachapipat</i>

Friday 8th July 2016

08:00 – 09:00	Registration
09:00 – 12:00	Paper Presentation
12:00 – 13:00	<i>Lunch</i>
13:00 – 15:00	Paper Presentation

ROOM1: DATA MINING AND MACHINE LEARNING

09:00 – 09:20 <i>NCCIT2016-115</i>	Nutrient Analysis to Avoid Diabetes by Using Data Clustering Algorithms <i>Ureerat Suksawatchon, Thawaree Sukkasem and Jakkarin Suksawatchon</i>
09:20 – 09:40 <i>NCCIT2016-40</i>	Application of Artificial Neural Network in Time Series Forecasting Modeling for the Number of International Tourist Arrivals to Bangkok <i>Paiboon Chatthong</i>
09:40 – 10:00 <i>NCCIT2016-95</i>	Business Intelligence System for Student Quality Monitoring in Higher Education <i>Nattaya Wisetsak, Piyawan Traiyawat, Pattarapong Argatchot and Esther Sangiamkul</i>
10:00 – 10:20 <i>NCCIT2016-108</i>	Drug Prescribing System by Using Speech Recognition and Word Approximation <i>Nittaya Namkaeo and Maleerat Sodanil</i>
<i>Coffee break 10:20-10:40</i>	
10:40 – 11:00 <i>NCCIT2016-142</i>	The Comparison of K-Means Clustering Technique Using Different Distance Functions <i>Jirundon Buhuatchai and Kairung Hengprapohm</i>
11:00 – 11:20 <i>NCCIT2016-186</i>	Property Crime Clustering Using K-means Algorithm <i>Sorakrai Chanthong, Saiyan Saiyod and Nunnapus Benjamas</i>
11:20 – 11:40 <i>NCCIT2016-229</i>	Imputation of Missing Values for Multiple Attributes Data Using Artificial Neural Network <i>Goragot Rothjanawan and Phayung Meesad</i>
11:40 – 12:00 <i>NCCIT2016-146</i>	The Development a Life Insurance Selection Support System Based on Ensemble Data Classification Techniques <i>Anawin Kaewsa-Ard and Montean Rattanasiriwongwut</i>
12:00 – 13:00	<i>Lunch</i>

ROOM1: DATA MINING AND MACHINE LEARNING	
13:00 – 13.20 <i>NCCIT2016-76</i>	System Development for Recommending Species and Analyzing Yield of Oil Palm Based on Surrounding Environmental Factors and Requirements <i>Phanarut Srichetta, Rewadee Piputsoongnern, Pakamas Asanachai and Suphassorn Raksamung</i>
13:20 – 13.40 <i>NCCIT2016-157</i>	Decision Support Algorithm For Diagnosing And Resolving Web Server Problems <i>Chayapon Sang-ngoen and Sakchai Tangwannawit</i>
13:40 – 14.00 <i>NCCIT2016-200</i>	Business Intelligence System for Design and Implementation Promotion Strategies for Day Spa <i>Tanyalak Techapeompol and Dussadee Praserttitipong</i>
14:00 – 14.20 <i>NCCIT2016-12</i>	Emotion Categorization System for the Thai Texts <i>Lalita Wonghaeon, Natwara Keereedet, Simaporn Punpauk and Nattapong Tongtep</i>
14:20 – 14.40 <i>NCCIT2016-62</i>	The Simulation of a GPS Based Traffic Control System, iTraffic <i>Chutimon Rakna and Voravika Wattanasoontorn</i>
<i>Coffee Break 14:40-15:00</i>	

ROOM 2: COMPUTER EDUCATION	
09:00 – 09:20 <i>NCCIT2016-70</i>	Active Learning via Mobile Multi-Mice and Keyboards on Smartphone <i>Supawadee Hiranpongson and Warawoot Pacharoen</i>
09:20 – 09:40 <i>NCCIT2016-128</i>	The Development of Learning Behaviors Tracking System by xAPI <i>Kanyarat Autapao, Somkid Salee, and Krich Sintanakul</i>
09:40 – 10:00 <i>NCCIT2016-61</i>	A Conceptual Framework of a Serious Game for Learning Enhancement in Museum <i>Kantida Nanon, Voravika Wattanasoontorn and Rattana Wetprasit</i>
10:00 – 10:20 <i>NCCIT2016-116</i>	A Development of Framework of Collaborative Learning Using Teams-Games-Tournaments Technique with Scratch to Enhance Student's Problem Solving Skill <i>Warat Saard and Pornsawan Vongthatam</i>
<i>Coffee break 10:20-10:40</i>	
10:40 – 11:00 <i>NCCIT2016-120</i>	Interactive Multimedia to Promote Scientific Knowledge: Atmospheric <i>Parinya Kattiyant and Suwichai Phunsa</i>
11:00 – 11:20 <i>NCCIT2016-135</i>	Design and Development of Online Lesson Using Project-Based Learning to Enhance Creative Thinking Skill <i>Sutthiya Rattanakhunsat and Pornsawan Vongthatam</i>
11:20 – 11:40 <i>NCCIT2016-19</i>	A Taxonomic Ontology of Prehistoric Pottery in Thailand <i>Thantham Yeesarn, Banthit Watanapa and Kriengkrai Porkaew</i>
11:40 – 12:00 <i>NCCIT2016-50</i>	Writing English-Vietnam Alphabet on Tablet Computer <i>Natthawan Phoonson, Ruetai Danraharn and Wanida Namarsa</i>
12.00-13.00	<i>Lunch</i>
13:00 – 13:20 <i>NCCIT2016-96</i>	The Effects of Flipped Classroom Learning Management with Polya's Problem-Solving Process to Enhance Problem Solving Ability with Programming <i>Wachira Wachirawat and Phongthanat Saejoo</i>
13:20 – 13:40 <i>NCCIT2016-88</i>	The Development Prototype of Evaluate the Competency System in Grade 6 Case Study: Pilot Schools at Pathum Thani Province <i>Julaluk Watthananon, Sirina Chuaytem and Piyanan Teabsornchai</i>
13:40 – 14:00 <i>NCCIT2016-15</i>	A Development of Peer Visit System on Quality Assessment in Curriculum and Faculty Level by Spiral Model <i>Burin Rujjanapan</i>
14:00 – 14:20 <i>NCCIT2016-32</i>	A Cartoon Characters Design Framework for Supporting in Digital Media Development <i>Boonchom Sudjit and Prasong Praneetpolgrang</i>
14:20 – 14:40 <i>NCCIT2016-124</i>	Smart Portfolio for Academic Staff in Higher Education Institutes <i>Nuansri Denwattana and Apisit Saengsai</i>
<i>Coffee Break 14:40-15:00</i>	

ROOM 3: INFORMATION TECHNOLOGY AND SYSTEM ENGINEERING	
09:00 – 09:20 <i>NCCIT2016-169</i>	The Development of a Password Management System Using Triple Complex Data Encryption Techniques Based on the Android Operating System <i>Maneenuch Tangyoosuk and Nattavee Utakrit</i>
09:20 – 09:40 <i>NCCIT2016-190</i>	Phuket Smart City and the Needs of its Population <i>Rattana Wetprasit and Aziz Nanthaamornphong</i>
09:40 – 10:00 <i>NCCIT2016-230</i>	A Guideline for IT Risk Management Using ISO/IEC 27001:2013 and COSO <i>Kritkanok Thananupappan and Nalinpat Porrawatpreyakorn</i>
10:00 – 10:20 <i>NCCIT2016-100</i>	A Web Navigation Tool on Mobile Device for Visually Impaired Persons Using Web Main Content Detection <i>Krit Bannachaisirisuk and Sukree Sinthupinyo</i>
<i>Coffee break 10:20-10:40</i>	
10:40 – 11:00 <i>NCCIT2016-10</i>	Web Accessibility Transformation Creator for People with Disabilities <i>Jaruwat Sermsri, Kanokwan Phomkeaw, Khemnitcha Klamchawee and Nattapong Tongtep</i>
11:00 – 11:20 <i>NCCIT2016-21</i>	An Exploratory Analysis of Factors Driving Community of Practice Systems <i>Punika Jiamthong, Mathuros Panmuang, Chonnikarn Rodmorn and Nalinpat Porrawatpreyakorn</i>
11:20 – 11:40 <i>NCCIT2016-36</i>	Blocking Obscene Websites in Google Search Engine <i>Tawee Tankarm, Lantom Buranakitti and Thawatwong Lawan</i>
11:40 – 12:00 <i>NCCIT2016-38</i>	An Approach Data Integration from Multi-Source Database <i>Jadesada Ponyium, Taratip Suwannasart and Arthit Thongtak</i>
12:00 – 13:00	<i>Lunch</i>
13:00 – 13:20 <i>NCCIT2016-179</i>	Application for Finding Direction Around Mahasarakham University <i>Nattapol Srikamud, Pramot Phasanook and Manasawee Kaenampornpan</i>
13:20 – 13:40 <i>NCCIT2016-189</i>	An Analysis of Drilling Groundwater Area Using an Inverse Distance Weighting Method <i>Kornnika Chootragoontam and Pudsadee Boonrawd</i>
13:40 – 14:00 <i>NCCIT2016-182</i>	Tracking and Travel Scheduling System for Tour Groups <i>Preedee Pooprasert, Maleerat Sodanil and Tongpool Heeptaisong</i>
14:00 – 14:20 <i>NCCIT2016-197</i>	Android Application is Develop with Control Water System for Lime in Cement Box <i>Sombat Hathairattananon, Kiangkai Sirakum and Panuwat Yotkhruea</i>
14:20 – 14:40 <i>NCCIT2016-204</i>	Information System to Manage a Project Planning, Tracking and Budgeting Case Study: Bangkok Innovation Technology Co.,Ltd. <i>Yenjai Chaibangyang and Montean Rattanasiriwongwut</i>
<i>Coffee Break 14:40-15:00</i>	

ROOM 4: HUMAN-COMPUTER INTERFACE AND IMAGE PROCESSING	
09:00 – 09:20 <i>NCCIT2016-201</i>	Latent Fingerprint Enhancement Using TV-L1 Model <i>Chanasorn Pholongpia and Monlica Wattana</i>
09:20 – 09:40 <i>NCCIT2016-222</i>	Holding Power Control for Home Robot Hand <i>Krisakorn Khammool, Pongsak Bhupol and Saiyan Saiyod</i>
09:40 – 10:00 <i>NCCIT2016-219</i>	3D Model Construction Using 2D Shape Transformation <i>Nat Anuntalabhochai, Kuntpong Woraratpanya and Natapon Pantuwong</i>
10:00 – 10:20 <i>NCCIT2016-105</i>	The Image Suggestion Scheme Based on Digital Watermarking Method for Feedback <i>Suwat Techawatanawana, Kridsada Danprasitporn and Pruegprai Pengpara</i>
<i>Coffee break 10:20-10:40</i>	
ROOM 4: INFORMATION TECHNOLOGY AND SYSTEM ENGINEERING	
10:40 – 11:00 <i>NCCIT2016-93</i>	The Log File Management with AirLog <i>Aziz Nanthaamornphong, Weerayut Hongsa, Nimaslan Auseng and Chanwit Julrod</i>
11:00 – 11:20 <i>NCCIT2016-177</i>	e-Leave System with Business Re-engineering Process <i>Manoch Sodsri and Sakchai Tangwannawit</i>
11:20 – 11:40 <i>NCCIT2016-202</i>	Occupation Group Recommendation Model Based on Professional Skills Classification for Students <i>Aomsap Inkong-Ngarm and Dussadee Praserttitipong</i>
11:40 – 12:00 <i>NCCIT2016-217</i>	A System for Conditions Testing in Marketing Campaign <i>Roekrawee Panluka and Prabhas Chongstitvattana</i>
12:00 – 13:00	<i>Lunch</i>
13:00 – 13:20 <i>NCCIT2016-231</i>	Performance Measurement of MDC Hash Function with MD5 SHA-1 and SHA-256 Algorithm <i>Metha Sirigool, Nongluk Promthong and Sirapat Boonkrong</i>
13:20 – 13:40 <i>NCCIT2016-53</i>	The Desktop Computer's Components Selection Optimization Process <i>Tanongsak Punpae and Wasin Treesinthuros</i>
13:40 – 14:00 <i>NCCIT2016-151</i>	A Game Application for Motivating C Language Learning <i>Nittaya Chotibood and Jitimon Angskun</i>
14:00 – 14:20 <i>NCCIT2016-156</i>	Encouraging Students' Interest in Software Development by Test-Driven Development <i>Suchada Pongprom, Aziz Nanthaamornphong, and Rattana Wetprasit</i>
14:20 – 14:40 <i>NCCIT2016-145</i>	Factors Influencing Benefit Realization in Organizations <i>Nongluk Promthong and Nalinpat Porrawatpreyakorn</i>
<i>Coffee Break 14:40-15:00</i>	

ROOM5: DATA MINING AND MACHINE LEARNING	
09:00 – 09:20 <i>NCCIT2016-74</i>	A Development of Log Files Analysis Tool Using Hadoop and Hive Processes <i>Wichit Lekcome and Chakkrit Snae Namahoot</i>
09:20 – 09:40 <i>NCCIT2016-72</i>	Risk of Diabetes Analysis System Using Support Vector Machine Method <i>Supaporn Bundasak</i>
09:40 – 10:00 <i>NCCIT2016-78</i>	Automatically Rating of Hotel Service Aspects from Textual Customer Reviews <i>Chetarin Wongsin, Natthakit Srikanjanapert and Jantima Polpinij</i>
10:00 – 10:20 <i>NCCIT2016-214</i>	Using Text Clustering Technique for Comparing Thai Course Descriptions for University Credit Transfer : The Case Study of Rangsit University <i>Supatchaya Panyo and Todsanai Chumwatana</i>
<i>Coffee break 10:20-10:40</i>	
10:40 – 11:00 <i>NCCIT2016-191</i>	Application of Techniques to Classify Data to Predict Customer Owes Doesn't Cause Income: A Case Study of a Financial Institution <i>Mewika Thongkumpra and Montean Rattanasiriwongwut</i>
11:00 – 11:20 <i>NCCIT2016-215</i>	Correlation Analysis of Subject Based on Pearson's Correlation Coefficients a Case Study of Burapha University <i>Kittisak Onuean and Sunantha Sodsee</i>
11:20 – 11:40 <i>NCCIT2016-64</i>	Cosmetic Reviews Summarization from Thai Web Board <i>Orawan Chaowalit, Saowalak Arampongsanuwat, Nipaporn Thessrimuang and Jittima Janphat</i>
11:40 – 12:00 <i>NCCIT2016-122</i>	Predicting O-NET Score of Grade 12 Student Using Data Mining Techniques <i>Watcharin Aimarthes and Patharawut Saengsiri</i>
12.00-13.00	<i>Lunch</i>
13:00 – 13:20 <i>NCCIT2016-163</i>	An Efficiency Comparison of Classification Algorithm and Dimensionality Reduction Techniques for Forecasting Floods of Nan River <i>Piyaporn Satusen and Sakchai Tangwannawit</i>
13:20 – 14:00 <i>NCCIT2016-144</i>	Ensemble Regression Technique for Data Prediction <i>Chananchida Kaolim, Supoj Hengpraproh, Kairung Hengpraproh and Dech Thammasiri</i>
14:00 – 14:20 <i>NCCIT2016-125</i>	The Qualifying Items for Exit-Exam Online with Cuckoo Search <i>Sutthikarn Bojukurapan, Mana Sopa, Kanittha Takaling and Wanatsanan Kongsuwan</i>
<i>Coffee Break 14:40-15:00</i>	