

Thursday 2nd July 2015

08:00 – 09:00	Registration
09:00 – 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 by Prof.Dr.Herwig Unger, <i>IC²IT2015 Technical Program Chair,</i> <i>Fern University in Hagen, Germany</i></p>
09:10 – 09:40	Opening Ceremony by Prof. Dr. Teravuti Boonyasopon , <i>President of King Mongkut's University of Technology North Bangkok</i>
09:40 – 10:40	<p>Invited Keynote Speech by: Prof. Dr. Nicolai Petkov</p> <ul style="list-style-type: none"> • Professor of Computer Science at the University of Gronigen, the Netherlands <p>Topic: Brain-inspired pattern recognition</p>
10:40 – 11:00	<i>Coffee Break</i>
11:00 – 12:00	<p>Invited Keynote Speech by: Assoc. Prof. Dr. Andrew Woodward</p> <ul style="list-style-type: none"> • Head of the School of Computer and Security Science, Edith Cowan University, Australia <p>Topic: An uncomfortable change: shifting perceptions to establish pragmatic cyber security</p>
12:00 – 13:00	<i>Lunch</i>
13:00 – 17:30	Paper Presentation
17:30 – 22:00	Welcome Dinner

Thursday 2nd July 2015

Room 1: Data Mining and Machine Learning

Time	Title/Author
13:00 – 13:20 NCCIT2015-9	Automatic Feeling Analysis from Opinion Text <i>Chetarin Wongsin, Nattakit Srikarnjanaperd and Jantima Polpinij</i>
13:20 – 13:40 NCCIT2015-27	Eliminating the Noise Feature with Significant Matrix II Algorithm <i>Ekapong Chuasuwan</i>
13:40 – 14:00 NCCIT2015-28	An Improved Differential Evolution Algorithm with Crossover Strategy for Continuous Optimization Problems <i>Duangjai Jitkongchuen</i>
14:00 – 14:20 NCCIT2015-41	Applied Fuzzy Logic for Memory Allocation of Virtual Machines in Cloud Computing <i>Tipparat Sinlapaphongwarakorn and Chaiyaporn Khemapatapan</i>
14:20 – 14:40 NCCIT2015-48	A Self Adaptive Migration for Distributed Genetic Algorithm <i>Chaiwiwat Jantasarn and Pornthep Rojanavasu</i>
14:40 – 15:00	Coffee Break
15:00 – 15:20 NCCIT2015-51	Enhancement of predictive models for rice production in Lower Northern Thailand <i>Sujittra Sarakon, Jaratsri Rungrattanaubol and Anamai Na-Udom</i>
15:20 – 15:40 NCCIT2015-52	Web Page Classification using Generalization Performance of Support Vector Machines <i>Mulliga Khwankue, Thimaporn Phetkaew and Pornpon Thamrongrat</i>
15:40 – 16:00 NCCIT2015-55	Performance Improvement of Extreme Learning Machine based on Flower Pollination Algorithm for Real World Regression Problem <i>Sarunyoo Boriratrit, Sirapat Chiewchanwattana, Khamron Sunat and Punyaphol Horata</i>
16:00 – 16:20 NCCIT2015-59	Semantic-Based Indoor Navigation for Library Book Finding <i>Nonhachai Dubtuk, Thimaporn Phetkeaw and Siripinyo Chantamunee</i>
16:20 – 16:40 NCCIT2015-60	Dynamic System Identification of DC/DC Converter using Fuzzy Model Identification <i>Atip Jandee and Somyot Kaitwanidvilai</i>
16:40 – 17:00 NCCIT2015-65	Online English Crime News Classification using Text Mining <i>Tichakorn Netsuwon and Kraisak Kesorn</i>
17:00 – 17:20	Welcome Dinner and Best Paper Award Presentation

Thursday 2nd July 2015	
Room 2: Data Network and Communication	
Time	Title/Author
13:00 – 13:20 NCCIT2015-40	Blows2Safe: a Wireless Sensor Network for Detection of Breath Alcohol to Prevent Alcohol-Impaired Driving <i>Apirak Tooltham and Phumin Hongma</i>
13:20 – 13:40 NCCIT2015-42	Fairness Bandwidth Allocation for Control of Multiple Internet Connections with Max-Min Usage Threshold Policy <i>Kassuda Kamluewong, Atikhom Siri, Thanawut Thanavanich and Kamol Boonlom</i>
13:40 – 14:00 NCCIT2015-81	The Analysis of Internet Infrastructure Network by Graph Theory: The Case Study of Internet Infrastructure in Phetchaburi Rajabhat University <i>Worawut Yimyam, Veerachai Khonchoho and Aongart Aun-A-Nan</i>
14:00 – 14:20 NCCIT2015-89	Rogue DHCP Protection using Elliptic Curve Digital Signature Algorithm <i>Theerasak Thongyan and Somnuk Puangpronpitag</i>
14:20 – 14:40 NCCIT2015-99	Development of Anti-Collision for Radio Frequency Identification (RFID) <i>Sataya Boonchaleaw and Chaiporn Jaikaeo</i>
14:40 – 15:00	<i>Coffee Break</i>
15:00 – 15:20 NCCIT2015-103	An Analysis of Safety and Security for Internet Banking in Thailand <i>Pattanarat Putla and Somnuk Puangpronpitag</i>
15:20 – 15:40 NCCIT2015-117	Social network analysis case study Kanchanaburi Rajabhat University <i>Sureewan Jangjit</i>
Room 2: Data Mining and Machine Learning	
15:40 – 16:00 NCCIT2015-72	IP Network Logging Management System with Automatically <i>Ponghathai Kanjanapart and Montean Rattanasiriwongwut</i>
16:00 – 16:20 NCCIT2015-82	Classification of Open Source Earthquake Disaster Information in Thai Language <i>Yuttana Lungkatoong and Maleerat Sodanil</i>
16:20 – 16:40 NCCIT2015-83	Classification of Open Source Flood Disaster Information in Thai Language <i>Phatcharaporn Sitikomfu and Maleerat Sodanil</i>
16:40 – 17:00 NCCIT2015-86	The Developing Model for Predicting the Thai Population Migration Using an Artificial Neural Network <i>Pichanita Seensat and Maleerat Sodanil</i>
17:00 – 17:20	<i>Welcome Dinner and Best Paper Award Presentation</i>

Thursday 2nd July 2015

Room 3: Human Computer Interaction and Image Processing

Time	Title/Author
13:00 – 13:20 NCCIT2015-100	Thai Hand Shapes Recognition Using ACO – SVM <i>Anusorn Untao and Sompong Valuvanathon</i>
13:20 – 13:40 NCCIT2015-15	Development of Navigation app using AR Technology. A Case Study: Prince of Songkla University, Phuket Campus <i>Watcharavut Deklee, Jerasak Tubtong, Apiwut Wattanachai and Jirawat Thaenthong</i>
13:40 – 14:00 NCCIT2015-17	Question-Based Audio Captcha with Type of Answer Code for Blind Users <i>Rueangchai Saiprasopsuk, Amornchai Manopiya-Anan and Nuttanont Hongwarittorn</i>
14:00 – 14:20 NCCIT2015-39	Image processing and Fuzzy C-Means Clustering on Magnetic Head Circuit <i>Rawinun Prasertaweelap and Somyot Kaitwanidvilai</i>
14:20 – 14:40 NCCIT2015-95	A Comparative Study in Feature Extraction Methods of Peg-less Hand Geometry <i>Jakkree Srinonchat and Apiwat Sawatdirat</i>
14:40 – 15:00	Coffee Break
15:00 – 15:20 NCCIT2015-102	Enhancement Neural Network-based LED Detection Method using Integral Image <i>Annop Sakachant and Jakkree Srinonchat</i>
15:20 – 15:40 NCCIT2015-107	Usability Evaluation Framework for Android Applications on Mobile Devices <i>Kritpapon Thitichaimongkhon and Twittie Senivongse</i>
15:40 – 16:00 NCCIT2015-110	Detection of Eye Movement for controlling Smart Device on Android OS for Impaired Arm <i>Warissara Suranun and Mahasak Ketcham</i>
16:00 – 16:20 NCCIT2015-113	Real Time Monitoring System with Wireless Sensors Network for Sinus Arrhythmia Condition <i>Salisa Hongsi and Mahasak Ketcham</i>
16:20 – 16:40 NCCIT2015-114	Design Guidelines for Instructional Media Creation System for Middle-aged Teachers on Tablets <i>Ketsraporn Sengprathom and Thippaya Chintakovid</i>
16:40 – 17:00 NCCIT2015-118	Lottery Digit Recognition for The Visually Impaired <i>Wanida Saetang and Sakchai Tangwannawit</i>
17:00 – 17:20	Welcome Dinner and Best Paper Award Presentation

Thursday 2nd July 2015

Room 4: Information Technology and Computer Education

Time	Title/Author
13:00 – 13:20 NCCIT2015-1	A Study The Acceptance of Mobile Application <i>Passana Ekudompong and Sirirak Khanthanurak</i>
13:20 – 13:40 NCCIT2015-7	Development of the System for Electronic Media Classification by Using the Dewey Decimal Classification System <i>Worapapha Arreerard, Laongthip Maturos, Monchai Tiantong and Dusanee Supawantanakul</i>
13:40 – 14:00 NCCIT2015-12	Application Development on iOS for Cycling to Travel A case study: Phuket Tourism <i>Amonrat Prasitsupparote, Phuriphong Phumirawi, Apichaya Khwankaew and Kantida Nanon</i>
14:00 – 14:20 NCCIT2015-13	A Prototype of Geographic Information System based on Appropriate Irrigation Decisions in Maiseab Weir, Nakhon Si Thammarat Province <i>Sarintorn Wongyoksuriya, Onjira Sitthisak and Anisara Pensuk Tibkaew</i>
14:20 – 14:40 NCCIT2015-14	A Development of Information System Integration by TUNA Model Using : A Case Study of Nation University <i>Burin Rujjanapan</i>
14:40 – 15:00	Coffee Break
15:00 – 15:20 NCCIT2015-20	Development of the Training Packages the Robot Control Programming with C for Students of Technical Teacher Training Program <i>Kitti Surpare and Patpong Armornwong</i>
15:20 – 15:40 NCCIT2015-21	Test Cases Generation from Business Process Model Based on Event Driven <i>Sarawut Waleetorncheepsawasd and Taratip Suwannasart</i>
15:40 – 16:00 NCCIT2015-22	JSON Cache with NoSQL <i>Aiyapan Eagobon and Nuengwong Tuaycharoen</i>
16:00 – 16:20 NCCIT2015-23	A Web-based Information System for Reporting Traffic Police Bribe via iOS Smartphones with Tor <i>Sitichai Chumjai and Nuengwong Tuaycharoen</i>
16:20 – 16:40 NCCIT2015-25	Speech-based Thai Text Retrieval <i>Paphonput Sapon, Jantima Polpinij and Thongparn Suksamer</i>
16:40 – 17:00	-
17:00 – 17:20	Welcome Dinner and Best Paper Award Presentation

Thursday 2nd July 2015

Room 5: Information Technology and Computer Education

Time	Title/Author
13:00 – 13:20 NCCIT2015-30	Web-based Call Center System using Voice over Internet Technology <i>Thanawat Chalermpong and Tanun Jaruvitayakovit</i>
13:20 – 13:40 NCCIT2015-31	Applying the Multiple Linear Regression for Forecasting the Inventory on Web Applications <i>Kangkit Warayanon, Jongkol Janruang and Wasin Treesinthuros</i>
13:40 – 14:00 NCCIT2015-32	The Effectiveness Evaluation of Banner Advertising's Positions on Mobile Application <i>Banyapon Poolsawas</i>
14:00 – 14:20 NCCIT2015-33	A Decision Support System Applying with Ant System Algorithm for Finding Optimal Path Case Study : Roads in Pattani Province <i>Taweep Janjaroen, Onjira Sitthisak and Anisara Pensuk Tibkaew</i>
14:20 – 14:40 NCCIT2015-36	Using Semantic Approach for Developing Learning Object Knowledge Base <i>Konjanat Jantawong and Noppamas Pukkhem</i>
14:40 – 15:00	Coffee Break
15:00 – 15:20 NCCIT2015-44	Guideline for the Application of Database Performance Tuning Method: A Case Study of Banking Customer Information System <i>Tulanun Jiangpradit and Nakornthip Prompoon</i>
15:20 – 15:40 NCCIT2015-46	A Development of Technical Cooperation Learning Team Games Tournament Activities (TGT) in the Course of the Information Systems Analysis and Design. For a Third Year Student of Computer and Information Technology. Nakorn Pathom Rajaphat Universit <i>Charinthorn Aumgri</i>
15:40 – 16:00 NCCIT2015-49	Automatic Semantic Annotation for the Official Minute <i>Bukhoree Sahoh and Siraya Sitthisarn</i>
16:00 – 16:20 NCCIT2015-50	A Study of Usage Behavior of Knowledge Retrieval Function of a Large Scale Knowledge Management System on WWW : A Case Study of pantip.com <i>Nittaya Kamban and Worasit Choochaiwattana</i>
16:20 – 16:40 NCCIT2015-57	An Application of cuckoo search algorithm for Decision Support System of Selection the items Quality <i>Mana Sopa, Kanisorn Jeekratok and Nipon Sungsuthi</i>
16:40 – 17:00	-
17:00 – 17:20	Welcome Dinner and Best Paper Award Presentation

Friday 3rd July 2015

08:00 – 09:00	Registration
09:00 – 12:00	Paper Presentation
12:00 – 13:00	<i>Lunch</i>
13:00 – 17:00	Paper Presentation

Friday 3rd July 2015

Room 1: Data Mining and Machine Learning

Time	Title/Author
09:00 – 09:20 NCCIT2015-87	Development of Computer Program based on Graphical User Interface (GUI) of SCILAB in Discrete Fourier Transform for Under Graduate Student <i>Kitti Surpare and Meechai Lohakan</i>
09:20 – 09:40 NCCIT2015-88	A Recommendation System for Choosing Cultivars of the Para Rubber Tree for Eastern Region of Thailand using Decision Table <i>Suteera Puengsawad, Pongsakon Bamrunghai and Naruemon Mi-Iam</i>
09:40 – 10:00 NCCIT2015-124	Sentiment Analysis for Hotel Services from Reviews in Both Thai and English Language <i>Ujchara Pooraya and Maleerat Sodanil</i>
10:00 – 10:20 NCCIT2015-129	Clinical Support System of Aortic Aneurysm using Data Mining: Case Study of Endovascular surgery <i>Nopparat Pojjiraporn, Jeerasak Nampradit and Sakchai Tangwannawit</i>
10:20 – 10:40	Coffee Break
10:40 – 11:00 NCCIT2015-135	Associations Rule Mining By Using Top Weight of Complete Symmetric Digraphs <i>Pramool Suksakaophonng and Phayung Meesad</i>
11:00 – 11:20 NCCIT2015-138	Loan Rejection Clustering using Text Mining Technique <i>Somsak Wichaikit and Maleerat Sodanil</i>
11:20 – 11:40 NCCIT2015-146	The Recommender System for Adaptive Learning Based on Students' Competency Profile by Using FP-Growth Techniques <i>Uraiwan Inyaem</i>
11:40 – 12:00 NCCIT2015-148	Online Message Ownership Identification using Naïve Bayes Learning <i>Nitipat Petmongkonjaras and Tanasanee Phienthrakul</i>
12:00 – 13:00	Lunch

Friday 3rd July 2015

Room 1: Data Mining and Machine Learning

Time	Title/Author
13:00 – 13:20 NCCIT2015-158	A Modification of Multi-Objective Optimization Genetic Algorithm with Initial Population Partition <i>Prudtipomg Pengsiri, Sunantha Sodsee and Phayung Meesad</i>
13:20 – 13:40 NCCIT2015-167	A Comparative Study on Tolerance of Thai / Laos Characters <i>Sasakorn Pichetjamroen and Pakorn Watanachaturaporn</i>
13:40 – 14:00 NCCIT2015-173	Imputation-Boosted Collaborative Filtering Algorithm based on User Preference Information and Matrix Factorization <i>Jakkarin Suksawatchon and Ureerat Suksawatchon</i>
14:00 – 14:20 NCCIT2015-182	Electronic Document Analysis System for Educational Quality Assurance <i>Ponparn Posrikaew and Thippaya Chintakovid</i>
14:20 – 14:40	<i>Coffee Break</i>

Friday 3rd July 2015

Room 2: Information Technology and Computer Education

Time	Title/Author
09:00 – 09:20 NCCIT2015-58	Necessary Skills for Scrum’s Development Team Members <i>Penprapa Bootla, Olarn Rojanapornpun and Pornchai Mongkolnam</i>
09:20 – 09:40 NCCIT2015-61	The Development of E-Learning by a new TGT Cooperative Learning Techniques, based on Bloom’s Taxonomy <i>Somkuan Faisanoi, Jongkol Janruang and Sanun Karnka</i>
09:40 – 10:00 NCCIT2015-63	Thai Optical Character Recognition (OCR) Enhancement using TF-IDF and Text position differences <i>Phornsiri Phawapoothayanchai and Kraisaak Kesorn</i>
10:00 – 10:20 NCCIT2015-67	Decision Support System for Economic Crops using Hybrid Approaches <i>Pansakorn Worawimolwanich and Kraisaak Kesorn</i>
10:20 – 10:40	<i>Coffee Break</i>
10:40 – 11:00 NCCIT2015-68	Development of E-learning for The Internet and Applications based on Adaptive Learning Techniques <i>Sirinthorn Watcharaphuetphol, Jongkol Janruang and Sanun Karnka</i>
11:00 – 11:20 NCCIT2015-69	Information System for Teachers Using Service Blueprint <i>Sithipong Chimthai</i>
11:20 – 11:40 NCCIT2015-71	Monitoring Application System for Child Development <i>Salintip Sudsanguan and Jeerasak Numpradit</i>
11:40 – 12:00 NCCIT2015-75	Development of a Monitoring and Tracking System for Handheld Devices in the Work Place Using RFID Technology <i>Waranya Prachanban and Montean Rattanasiriwongwut</i>
12:00 – 13:00	<i>Lunch</i>

Friday 3rd July 2015

Room 2: Information Technology and Computer Education

Time	Title/Author
13:00 – 13:20 NCCIT2015-76	Knowledge Management System of Internal Organization Information System Using Case-Based Reasoning <i>Linda Sobin and Maleerat Sodanil</i>
13:20 – 13:40 NCCIT2015-77	Conceptual Framework Adaptive Learning Using Web-based Instruction for Working Memory with Learning Disabilities <i>Siwaporn Klappadung and Watcharawalee Tangkuptanon</i>
13:40 – 14:00 NCCIT2015-78	Apply Online-Based Learning Media to Enhance Learning Achievement in English for Computer Science Aujbect of Kanchanaburi Rajabhat University Students <i>Nilubon Tongchai</i>
14:00 – 14:20 NCCIT2015-79	Development of the Management System and Support the Students' Project in General Education Courses <i>Patcharida Wisaiket and Maleerat Sodanil</i>
14:20 – 14:40	<i>Coffe Break</i>

Friday 3rd July 2015

Room 3: Human Computer Interaction and Image Processing

Time	Title/Author
09:00 – 09:20 NCCIT2015-123	Design Guidelines for Creating Content on Web Sites for Elderly Users <i>Nathakarn Boonrod and Thippaya Chintakovid</i>
09:20 – 09:40 NCCIT2015-151	CCTV Image Enhancement using Sub-Image Homomorphic Filtering <i>Chalermpong Intarat and Maleerat Sodanil</i>
09:40 – 10:00 NCCIT2015-164	An Algorithm for Hymocytometer Cell Counting based on Image Processing Technique with DBSCAN <i>Dechawut Wanichsan, Nitat Ninchawee, Taweesak Rattanakom and Phannika Kongjuk</i>
10:00 – 10:20 NCCIT2015-175	Interactive Media Design for Encourage Garbage Management <i>Julaluk Watthananon</i>
10:20 – 10:40	Coffee Break
Room 3: Information Technology and Computer Education	
10:40 – 11:00 NCCIT2015-166	A Framework for Classification of Severity Levels and Prioritization of Software Defects <i>Noppasorn Wiriyadilok and Twittie Senivongse</i>
11:00 – 11:20 NCCIT2015-169	The Behavior and Attitude of Internship Student on Collaborative Learning Management via Social Network: Facebook <i>Phongthanat Sae-Joo</i>
11:20 – 11:40 NCCIT2015-176	A Comparative Study of Power Usage of Smart Phone <i>Boonsiri Masan, Pongpisit Wuttidittachotti and Therdpong Daengsi</i>
11:40 – 12:00 NCCIT2015-178	A Prosody Verification and Klon Sakkana Using of Karp Word Positions and Rule-Based Tednique <i>Pudsadee Boonrawd</i>
12:00 – 13:00	Lunch

Friday 3rd July 2015

Room 3: Information Technology and Computer Education

Time	Title/Author
13:00 – 13:20 NCCIT2015-181	Odor Detection System and Tracking Application on Smartphone <i>Mongkol Seemawong and Nawaporn Wisitpongphan</i>
13:20 – 13:40 NCCIT2015-183	An Analysis of Knowledge Management Situation Pursue Learning Institutes Based on Quality Assurance Concept for Universities in Thailand <i>Jeerawan Nokeangthong, Prasong Praneetpolgrang and Nivet Chirawichitchai</i>
13:40 – 14:00 NCCIT2015-184	An Empirical Investigation and Analysis on the ICT HR Competency in the Government Sector to support Digital Economy <i>Kriengkrai Bhuvanij, Prasong Praneetpolgrang and Kulthon Kasemsan</i>
14:00 – 14:20 NCCIT2015-186	Application of CAN Bus in Locker Control System <i>Thatwatchai Sarawong, Rud Wangrungrun and Siriporn Imporn</i>
14:20 – 14:40	Coffee Break

Friday 3rd July 2015

Room 4: Information Technology and Computer Education

Time	Title/Author
09:00 – 09:20 NCCIT2015-29	Development of a Sound System and Detection Safety Tests in the Obstacle-Warning Glasses for the Visually Impaired <i>Upady Hathasin, Nattawat Payarach and Chanarong Tamasena</i>
09:20 – 09:40 NCCIT2015-80	Following up on Application of eDLTV media used in learning/ teaching in the Small Network Schools of Rajabhat Maha Sarakham University <i>Apichat Lagdee, Somjet Poosri and Worapapha Arreerard</i>
09:40 – 10:00 NCCIT2015-84	Quality Information Technology for Community Services <i>Sukuma Uamcharoen</i>
10:00 – 10:20 NCCIT2015-85	Mobile Application Development of Oral Health Care for Preschoolers <i>Pornpimol Chaisanguan and Maleerat Sodanil</i>
10:20 – 10:40	<i>Coffee Break</i>
10:40 – 11:00 NCCIT2015-90	An Application of ITIL to Cloud Service Provision <i>Theerasak Nitlarp and Twittie Senivongse</i>
11:00 – 11:20 NCCIT2015-91	The Prototype System of Automatic Database Construction based on Rules for the Thai Official Documents <i>Usanad Ua-Apisitwong</i>
11:20 – 11:40 NCCIT2015-98	The Preliminary Study of Applying Specification by Example to Scrum <i>Nuttaluck Boonluecha and Olarn Rojanapornpun</i>
11:40 – 12:00 NCCIT2015-104	E-Learning Development Model to Increase Student Achievement in High School by using Problem based on Local Knowledge with a Variety of Online Media <i>Paisan Simalaotao and Ubonrat Sirisukpoca</i>
12:00 – 13:00	<i>Lunch</i>

Friday 3rd July 2015

Room 4: Information Technology and Computer Education

Time	Title/Author
13:00 – 13:20 NCCIT2015-106	Cloud Service Selection Framework Based on Service Measurement Index Model <i>Songkran Totiya and Twittie Senivongse</i>
13:20 – 13:40 NCCIT2015-112	Application of Case-Based Reasoning an Online Helpdesk System for Website of Suan Sunandha Rajabhat University <i>Sutasinee Yokradubshan and Mahasak Ketcham</i>
13:40 – 14:00 NCCIT2015-121	The Hybrid Information Systems for Monitoring the Vehicle Quality Repair by Multi-Dimensional Analysis and Toyota Way <i>Patcharapol Norasarn and Nattavee Utakrit</i>
14:00 – 14:20 NCCIT2015-131	Process Definition and Support Tool Development for Project Planning Process based on ISO/IEC12207 and ISO/IEC15504 <i>Premyupha Armonsak and Nakornthip Prompoon</i>
14:20 – 14:40	<i>Coffee Break</i>

Friday 3rd July 2015

Room 5: Information Technology and Computer Education

Time	Title/Author
09:00 – 09:20 NCCIT2015-133	Sea Floor Model Visualization for Barge Selection, Krabi Power plant <i>Nuttanan Pipitpattanaprap and Sakchai Tangwannawit</i>
09:20 – 09:40 NCCIT2015-136	The guidelines for Test Cases and Scenarios by Analysis Matrix <i>Taksaporn Phanjhan and Sakchai Tangwannawit</i>
09:40 – 10:00 NCCIT2015-139	An Algorithm for Handwriting Exercise in Thai Alphabet on the Use of Tablet PC <i>Dechawut Wanichsan, Taweesak Rattanakom, Nitat Ninchawee and Phannika Kongjuk</i>
10:00 – 10:20 NCCIT2015-143	Analysis of Fiber to the Home Network Based on ITU Standards with Outside Plant <i>Tanaporn Jesadamethakajorn and Pudsadee Boonrawd</i>
10:20 – 10:40	Coffee Break
10:40 – 11:00 NCCIT2015-145	Transformation Algorithm from BPMN Diagram to Sequence Diagram by Metadata Model and Rule-Based <i>Shavan Tansap and Pudsadee Boonrawd</i>
11:00 – 11:20 NCCIT2015-147	Time Train Tracking System Automatic and Real-Time of GPS Based on Mobile Case Study for State Railway of Thailand <i>Phongphodsawat Sangthong and Pongpisit Wuttidittachotti</i>
11:20 – 11:40 NCCIT2015-154	Adopting a TurnKey Solution Model to Manage Survey System Online <i>Surakiat Rattanaod and Nattavee Utakrit</i>
11:40 – 12:00 NCCIT2015-155	Durable Articles Management System on Android Phone by Using QR code Technology <i>Jutarat Thochai and Nattavee Utakrit</i>
12:00 – 13:00	Lunch

Friday 3rd July 2015

Room 5: Information Technology and Computer Education

Time	Title/Author
13:00 – 13:20 NCCIT2015-156	Building Prevention Maintenance System <i>Korapat Siriwan and Nattavee Utakrit</i>
13:20 – 13:40 NCCIT2015-157	Development a Rice Knowledge Management System In Thailand <i>Thiptep Manpholsri and Montean Rattanasiriwongwut</i>
13:40 – 14:00 NCCIT2015-159	Management Information System for Monitoring the Accrued Income by Customer Relationship Management Technique <i>Ratchada Khantong, Montean Rattanasiriwongwut and Maleerat Sodanil</i>
14:00 – 14:20 NCCIT2015-163	The Development of the Model of Cooperative Learning Activities of Flipped Classroom by using eDLTV Media <i>Sommai Kaewkanha, Worapapha Arreerard and Tharach Arreerard</i>
14:20 – 14:40	Coffee Break