

2016 3rd International Conference on Computer and Information Sciences (ICCOINS 2016)

**Kuala Lumpur, Malaysia
15-17 August 2016**



IEEE Catalog Number: CFP1635X-POD
ISBN: 978-1-5090-2550-3

**Copyright © 2016 by the Institute of Electrical and Electronics Engineers, Inc
All Rights Reserved**

Copyright and Reprint Permissions: Abstracting is permitted with credit to the source. Libraries are permitted to photocopy beyond the limit of U.S. copyright law for private use of patrons those articles in this volume that carry a code at the bottom of the first page, provided the per-copy fee indicated in the code is paid through Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923.

For other copying, reprint or republication permission, write to IEEE Copyrights Manager, IEEE Service Center, 445 Hoes Lane, Piscataway, NJ 08854. All rights reserved.

******This publication is a representation of what appears in the IEEE Digital Libraries. Some format issues inherent in the e-media version may also appear in this print version.***

IEEE Catalog Number:	CFP1635X-POD
ISBN (Print-On-Demand):	978-1-5090-2550-3
ISBN (Online):	978-1-5090-2549-7

Additional Copies of This Publication Are Available From:

Curran Associates, Inc
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: (845) 758-0400
Fax: (845) 758-2633
E-mail: curran@proceedings.com
Web: www.proceedings.com

CURRAN ASSOCIATES INC.
proceedings
.com

CONTENTS

2016 3rd International Conference On
Computer And Information Sciences (ICCOINS)
15-17 August 2016

PROCEEDINGS

<u>Session Code</u> <u>Paper ID</u>	<u>Paper Title</u> <u>Authors</u>	<u>Page</u>
<u>INFORMATION SYSTEMS</u>		
T1_IS1_1_ 1570248429	Investigating Enterprise Architecture Implementation in Public Sector Organisation: MOHM Case Study Nur Azaliah A. Bakar, Harihodin Selamat	1
T1_IS1_3_ 1570258027	A Comparative Study of Stemming Algorithms for Use with the Uzbek Language Noor Hafhizah Abd Rahim, Masita Abdul Jalil, Alisher Ismailov, Zailani Abdullah	7
T1_IS1_4_ 1570249011	Defining E-Government Integration and Its Objective: A Systematic Literature Review Fatma Al-Balushi, Mahadi Bahari, Azizah Abdul Rahman	13
T1_IS1_5_ 1570249188	Business-to-customer (B2C) Electronic Commerce: An Implementation Process View Deborah L Paris, Mahadi Bahari, Noorminshah A.lahad	19
T1_IS1_6_ 1570248758	A Proposed Framework for Enhancing a SCM System to Support Flood Disaster Relief Operations Wahidah Husain	25
T1_IS1_7_ 1570245099	Managing Knowledge Over Social Messaging Application: The Case of an Event Management Project Group Shahrinaz Ismail, Nordiana Jamaludin	31
T1_IS1_8_ 1570257054	Predicting Generalized Anxiety Disorder Among Women Using Random Forest Approach Wahidah Husain, Nur'Aini Abdul Rashid, Neesha Jothe	37
T1_IS2_1_ 1570250729	Market Orientation Within Technological Companies: Risk Based Approach Shuhaida Shuhidan, Soheil Kazemian, Jamaliah Said	43
T1_IS2_2_ 1570258859	Trust Perceptions in Using Persuasive Technologies Wan Nooraishya Wan Ahmad, Nazlena Mohamad Ali	49
T1_IS2_3_ 1570250229	Mobile Healthcare Locator System for Heart Patients (MHLSP) Mardziah Shameem Abdul Rashid, Norlia Mustaffa, Pantea Keikhosrokiani	54
T1_IS2_4_ 1570248402	Measurement Model of e-SQ Dimensions and Users' Satisfaction in Malaysian IHL Iham Tariq Ismail Al-Nuaimi, Ahmad Mahmood, Emy Elyanee Mustapha, Hamid H Jebur	60

<u>Session Code</u> <u>Paper ID</u>	<u>Paper Title</u> <u>Authors</u>	<u>Page</u>
T1_IS2_5_ 1570248757	ABCD Rules Segmentation on Malignant Tumor and Benign Skin Lesion Images Nurulhuda Firdaus Mohd Azmi, Haslina Md. Sarkan, Suriyati Chuprat, Yazriwati Yahya	66
T1_IS2_6_ 1570256776	Mobile Agile Peer Assisted Learning Nor Rahayu Ngatirin	71
T1_IS2_7_ 1570258405	Predicting Links in Weighted Disease Networks Serpil Gul, Mehmet Kaya, Buket Kaya	77
T1_IS2_8_ 1570258409	A Social Network Based Optimal Tariff Recommender for a Group of GSM Users Buket Kaya, Abdullah Sener	82
T1_IS3_1_ 1570258921	Applying the Mental Model for Real-Time Recognition of Thai Banknotes: The Blinds' Mobile Application Sureena Matayong, Suriporn Angsupanich	86
T1_IS3_2_ 1570263238	Decision Makers Intention for Adoption of Green Information Technology Shahla Asadi, Ab Razak Che Husin, Amin Saedi	91
T1_IS3_3_ 1570261823	Customer Relationship Management (CRM) in Healthcare Organization: a Review of Ten Years of Research Yahia Mohamed Baashar, Ahmad Mahmood, Gamal Alkawsi, Malek Almomani	97
T1_IS3_4_ 1570249728	Practitioners' Validation on Effectiveness of Multimedia Mobile Learning Application for Children Norshahila Ibrahim, Wan Fatimah Wan Ahmad, Afza Shafie	103
T1_IS3_5_ 1570248544	User Perception on Mobile Augmented Reality as a Marketing Tool Shafaq Irshad, Dayang Rohaya Awang Rambli	109
T1_IS3_7_ 1570259311	KnowledgeFlood: Sharing Volunteers' Experience on Flood Disaster Using Storytelling Khairul Shafee Kalid, Kwang Hooi Yew, Shan-Nice Kong	114
T1_IS4_1_ 1570248991	Factors Influencing Behavioral Intention to Use Computers Among Teachers Loh Wai Ling, Wan Fatimah Wan Ahmad, Termit Kaur Ranjit Singh	120
T1_IS4_2_ 1570250265	An Analytical Evaluation of Information Visualization Factors for Multiple Electronic Health Records Muhammad Sheraz Malik, Suziah Sulaiman	126
T1_IS4_3_ 1570258708	M-HAJJ DSS: A Mobile Decision Support System for Hajj Pilgrims Hasimah Mohamed, Muhammad Rafie Mohd Arshad, Muhammad Dzulhilmi Azmi	132

<u>Session Code</u> <u>Paper ID</u>	<u>Paper Title</u> <u>Authors</u>	<u>Page</u>
T1_IS4_4_ 1570248353	Evaluating the Impact of Non-Medical M-Health Application: Towards Development of a Framework Fazwa Mohd Fadzilah, Noreen Arshad	137
T1_IS4_5_ 1570249990	Children and Social Media Usage: Malaysian Initial Perspective Tahirah Mt Tahir, Mohd Heikal Husin, Nurul Hashimah Ahamed Hassain Malim	143
T1_IS4_6_ 1570263234	Proposing a New Framework for Service Oriented Architecture Adoption Naghmeh Niknejad, Imran Ghani, Ab Razzak Che Hussin, Amin Saedi	148
T1_IS4_7_ 1570261982	Cloud Computing Adoption Framework: Innovation Translation Approach Amin Saedi	153
T1_IS5_1_ 1570249785	The Impact of Electronic Collaboration on Learning Outcomes Alimatu-Saadia Yussiff, Wan Fatimah Wan Ahmad, Emy Elyanee Mustapha	158
T1_IS5_2_ 1570243862	An Integration of Machine Learning Approach in Item Test Bank System Anbuselvan Sangodiah, Rohiza Ahmad, Wan Fatimah Wan Ahmad	164
T1_IS5_3_ 1570257096	Process Warehouse Based Agent's Competencies Measurement Method for Business Process Improvement Abid Sohail, Dhanapal Durai Dominic, Parthiban P	169
T1_IS5_4_ 1570263615	Customizable Commerce Mobile Application Roy Deddy Hasiholan Tobing	174
T1_IS5_5_ 1570259024	Exploring the Talent Mobility Issue: Towards an Intelligent System Norzatul Natrah Ismail, Noreen Izza Arshad	179
T1_IS5_6_ 1570260593	The Drivers of Internet Broadband in Malaysia Saravanan Lurudusamy, Ramayah Thurasamy	185
T1_IS5_7_ 1570259134	A Systematic Review of Factors Influencing the Effective Use of mHealth Apps for Self-care Faiz Aiman Bin Azhar; Jaspaljeet Singh Dhillon	191

DATA COMMUNICATION & NETWORK SYSTEMS

T2_DCN1_1_ 1570258323	The Effect of People Presence on WLAN RSS is Governed by Influence Distance Iyad Alshami, Noor Azurati Ahmad, Shamsul Sahibuddin, Yusnaidi Md Yusof	197
T2_DCN1_3_ 1570248968	Big Data: Performance Profiling of Meteorological and Oceanographic Data on Hive Usman Abdullahi Ali, Rohiza Ahmad, Nordin Zakaria	203

<u>Session Code</u> <u>Paper ID</u>	<u>Paper Title</u> <u>Authors</u>	<u>Page</u>
T2_DCN1_4_ 1570250979	Performance Evaluation of RIP and EIGRP Routing Protocols in IEEE 802.3u Standard Kayvan Atefi, Amir Hossein Shahin, Saadiah Yahya, Alireza Erfanian	209
T2_DCN1_5_ 1570250201	A Security Scheme to Minimize Information Loss During Big Data Transmission Over the Internet Shiladitya Bhattacharjee, Lukman Ab. Rahim, Izzatdin A Aziz	215
T2_DCN1_6_ 1570248953	Green Scheduling Algorithm for a Computational Grid Environment Ahmed Abba Haruna, Tang Jung Low , Mohamed Nordin Zakaria, Nazleeni Haron	221
T2_DCN1_7_ 1570249657	Parallelisation of Maximal Patterns Finding Algorithm in Biological Sequences Ahmad MohdAziz Hussein, Nur'Aini Abdul Rashid, Rosni Abdullah	227
T2_DCN1_8_ 1570258660	Improving Security in Wireless Sensor Network Using Trust and Metaheuristic Algorithms Anbuchelian S, Lokesh Sivanandam, Madhusudhanan Baskaran	233
T2_DCN2_1_ 1570255998	Investigations & Implications on Location Tracking Using RFID with Global Positioning Systems Deepika K, Usha Jayadevappa	242
T2_DCN2_2_ 1570258008	Improving K-Means Clustering Using Discretization Technique in Network Intrusion Detection System Hatim MohamadTahir, Abas Md Said, Nor Hayani Osman, Nur Haryani Zakaria, Puteri Nurul'Ain Md Sabri, Norliza Katuk, Mohammed Madi	248
T2_DCN2_3_ 1570248268	Random Forests Forecast (RFF): One Hour Ahead Jobs in Volunteer Grid Saddaf Rubab, Mohd Fadzil Hassan, Ahmad Mahmood, Syed Nasir Mehmood Shah	253
T2_DCN2_4_ 1570249707	Preliminary Framework of Topology Control Algorithm in WSN to Achieve Node's Energy Efficiency Mohd Zaki Shahabuddin, Halabi Hasbullah, Izzatdin A Aziz	259
T2_DCN2_5_ 1570250907	A True Random Number Generator Based on Hyperchaos and Digital Sound Je Sen The, WeiJian Teng, Azman Samsudin	264
T2_DCN2_6_ 1570245710	An Efficient Distributed Mobility Management Scheme for Network Mobility Asif Wagan, Tang Jung Low	270
T2_DCN2_7_ 1570248810	A Survey on Current Status of Disruption Tolerant Network Support for Multicast Khang-Siang Wong, Tat-Chee Wan, Way-Chuang Ang	276

<u>Session Code</u> <u>Paper ID</u>	<u>Paper Title</u> <u>Authors</u>	<u>Page</u>
T2_DCN2_8_ 1570249389	GPU Implementation of Turbo Similarity Searching Using Binary and Fragment Occurrence Descriptors Zakiah Zulkefli, Marwa Haitham Al-Laila, Nurul Hashimah Ahamed Hassain Malim	282
T2_DCN3_1_ 1570249169	Analysis of Big Data and Quality of Experience in High-Density Wireless Network Sana Qiayum; Izzatdin Aziz; Jafreezal Jaafar	287
T2_DCN3_2_ 1570250185	Adaptive Detection Technique for Cache Based Side Channel Attack Using Bloom Filter for Secure Cloud Munish Chouhan; Halabi Hasbullah	293
T2_DCN3_3_ 1570249412	CO2 Corrosion Determination Mechanism Implementing DeWaard-Milliams Model for Oil & Gas Pipeline Wan Mohammad Aflah Mohammad Zubir; Izzatdin A Aziz; Nazleeni Haron; Jafreezal Jaafar; Mazlina Mehat	298

COMPUTATIONAL INTELLIGENCE

T3_CI1_1_ 1570258620	An Enhanced ELMAN-NARX Hybrid Model for FTSE Bursa Malaysia KLCI Index Forecasting Said Jadid Abdulkadir ,Suet Peng Yong, Haitham Alhussian	304
T3_CI1_2_ 1570259500	Performance Evaluation of Real-Time Multiprocessor Scheduling Algorithms Hitham Alhussian, Mohamed Nordin Zakaria,Said Jadid Abdulkadir, Sallam Osman Fageeri	310
T3_CI1_3_ 1570249449	New Universal Gate Library for Synthesizing Reversible Logic Circuit Using Genetic Programming Mustapha Yusuf Abubakar,Tang Jung Low, Nordin Zakaria, Ahmed Younes, Abdel-Haleem Abdel-Aty	316
T3_CI1_4_ 1570258093	Stock Market Prediction Using Machine Learning Techniques Mehak Usmani, Syed Hasan Adil, Kamran Raza, Syed Saad Azhar Ali	322
T3_CI1_5_ 1570259027	A Performance Analysis of Association Rule Mining Algorithms Sallam Osman Fageeri, Rohiza Ahmad, Hitham Alhussian	328
T3_CI1_6_ 1570248730	Artificial Bee Colony Optimization of Interval Type-2 Fuzzy Extreme Learning System for Chaotic Data Saima Hassan, Jafreezal Jaafar, Mojtaba Ahmadih Khanesar, Abbas Khosravi	334
T3_CI1_7_ 1570249579	Classification of Mammogram Images Using Shearlet Transform and Kernel Principal Component Analysis Aidarus Ibrahim, Baharum Baharudin	340

<u>Session Code</u> <u>Paper ID</u>	<u>Paper Title</u> <u>Authors</u>	<u>Page</u>
T3_CI2_1_ 1570245637	Handwritten Digits Recognition Based on Improved Label Propagation Algorithm Ma Jie, Izzatdin A Aziz, Halabi Hasbullah, Sofea azrina Azizan	345
T3_CI2_2_ 1570253700	Human Emotion Detection Through Speech and Facial Expressions Krishna Kudiri, Abas Md Said, Mohd Yunus Nayan	351
T3_CI2_3_ 1570227961	Preprocessing Compressed 3D Kinect Skeletal Joints in Enhancing Human Motion Classification Pui Yi Lee, Wei Ping Loh, Chin Jeng Feng	357
T3_CI2_4_ 1570260571	Translation Model for Cross-platform Communication in SOA Applications Najhan M.Ibrahim, Mohd Fadzil Hassan	363
T3_CI2_5_ 1570258273	Machine Learning Algorithms in Context of Intrusion Detection Tahir Mehmood, Helmi Md Rais	369
T3_CI2_6_ 1570249427	2.5D Face Landmarking Via Scale-invariant Feature Extraction and Centroid Localization SukTing Pui, Jacey-Lynn Minoi	374
T3_CI2_7_ 1570249819	Parallel Cuckoo Search Algorithm on OpenMP for Traveling Salesman Problem Tzy-luen Ng, Teck Keat Yeow, Rosni Abdullah	380
T3_CI2_8_ 1570245409	Computer Algorithm for Airwave Prediction in Marine Controlled Source Electromagnetics Data Elisha Tadiwa Nyamasvisva, Noorhana Yahya, Halabi Hasbullah, Mohd Yunus Nayan, Muhammad Rauf, Amir Rostami	386
T3_CI3_1_ 1570258959	Skin Color Segmentation Using Multi-Color Space Threshold Romi Fadillah Rahmat, Tengku Chairunnisa, Dani Gunawan, Opim Salim Sitompul	391
T3_CI3_2_ 1570248695	Topic Modeling for Social Media Content: A Practical Approach Vala Ali Rohani, Shahid Shayaa, Ghazaleh Babanejaddehaki	397
T3_CI3_3_ 1570249523	A Corrosion Prediction Model for Oil and Gas Pipeline Using CMARPGA Han Chern Tong, Izzatdin A Aziz	403
T3_CI3_5_ 1570249980	Semantic Ontology for Annotated Images Rooh Ullah, Jafreezal Jaafar, Abas Md Said, Irfan Ullah, Muhammad Qaiser Saleem	408
T3_CI3_6_ 1570255611	A New Clustering Approach for Group Detection in Scene-Independent Dense Crowds Wong Voon, Norwati Mustapha, Lilly Suriani Affendey, Fatimah Khalid	414
T3_CI3_7_ 1570254260	Human Action Recognition in Surveillance Video of a Computer Laboratory Abdul-Lateef Yussiff, Suet Peng Yong, Baharum Baharudin	418

<u>Session Code</u> <u>Paper ID</u>	<u>Paper Title</u> <u>Authors</u>	<u>Page</u>
T3_CI4_1_ 1570249110	Enhancement on Image Face Recognition Using Hybrid Multiclass SVM (HM-SVM) Muhammad Hakeem Selamat, Helmi Md Rais	424
T3_CI4_2_ 1570248755	Improving Test Efficiency Through Multiple Criteria Coverage Using Modified Heuristic Algorithm Vishweshwar Kallimani, Abraham Kiran Joseph, G. Radhamani	430

SOFTWARE ENGINEERING

T4_SE1_1_ 1570249206	Infrastructure as a Service Integrity Requirements: An Interview Study Hamzeh Alabool, Ahmad Mahmood , Noreen Arshad	436
T4_SE1_2_ 1570249975	An Empirical Analysis of Software Practices in Malaysian Small and Medium Enterprises Malek Almomani, Shuib Basri, Ahmad Mahmood, Yahia Mohamed Baashar	442
T4_SE1_3_ 1570249289	Automated Calibration for OST HMD Using Display Screen Space Based Eye Tracking Azfar Tomi, Dayang Rohaya Awang Rambli	448
T4_SE1_4_ 1570249358	Impact of Software Team Composition Methodology on the Personality Preferences of Malaysian Students Abdul Rehman Gilal, Jafreezal Jaafar, Shuib Basri, Mazni Omar, Ahsanullah Abro	454
T4_SE1_5_ 1570249223	Enhanced XMLRPC-based GPU Virtualization Yasaman Eftekharypour, Ong Hong Hoe, Keh Kok Yong	459
T4_SE1_6_ 1570257150	Anatomy Learning System on Human Skeleton Using Leap Motion Controller Farhan Nainggolan, Baihaqi Siregar, Fahmi Fahmi	465
T4_SE1_7_ 1570250248	Expert's Opinions on Software Project Effective Risk Management Uzair Iqbal, Jafreezal Jaafar, Fong-Woon Lai	471
T4_SE2_1_ 1570247537	Usability Evaluation of Orientation Techniques for Medical Image Analysis Using Table top System Tahir Mustafa Madni Ikram, Mohd Yunus Nayan, Suziah Sulaiman, Ahsanullah Abro, Muhammad Tahir	477
T4_SE2_3_ 1570250217	Analysis of Related Domain Specific Modeling Languages for Strategy Educational Games Design Nur Aisyah Nurhadi, Lukman A Rahim, Noreen Arshad	483
T4_SE2_4_ 1570258724	Service Oriented System Design: Domain Specific Model Based Approach Amit Kr Mandal, Anirban Sarkar	489

<u>Session Code</u> <u>Paper ID</u>	<u>Paper Title</u> <u>Authors</u>	<u>Page</u>
T4_SE2_5_ 1570249830	A Review of Modelling Languages for Adventure Educational Games Ana Syafiqah Zahari, Lukman Ab. Rahim, Mazlina Mehat	495
T4_SE2_6_ 1570245672	Android Based Car Alert System Abu Zarin Zulkafli, Shuib Basri, Tang Jung Low, Rohiza Ahmad	501
T4_SE2_7_ 1570248930	Review on Agile Requirements Engineering Challenges Kaiss aLI abd Elghariani, Mohd Nazri Kama	507
T4_SE3_1_ 1570245659	A Comparison Study Between WSDMDA and NDT Methodologies Using Quality Evaluation Framework Mohammed Abdalla Osman Mukhtar; Mohd Fadzil Hassan; Jafreezal Jaafar; Lukman Ab. Rahim	513
T4_SE3_2_ 1570249821	Investigating Requirement Engineering Techniques in the Context of Software SME Souhaib Besrou; Lukman Ab. Rahim; Dhanapal Durai Dominic	519

POSTER SESSION

Poster_1_ 1570258995	Impact of Supply Chain Integration and Selective Disintegration on Supply Chain Efficiency and Organization Performance Mr. Sarit Maitra, Dhanapal Durai Dominic,	524
Poster_2_ 1570242879	Expert Review of the Multimodal Interaction Model for Foot Reflexology VRST Application Suziah Sulaiman, Hector Chimeremeze Okere, Dayang Rohaya Awang Rambli, Oi Mean Foong	530
Poster_3_ 1570237423	Organizational and Individual Factors Impact on KSP: The Association with Cost Reduction Arif Abdelwhab, Dhanapal Durai Dominic	536
Poster_4_ 1570249649	Development Phase of Mobile Numerical Application for Children with Autism: Math4Autism Naziatul Shima Abdul Aziz, Wan Fatimah Wan Ahmad, Ahmad Sobri Hashim	542
Poster_5_ 1570248816	The Design of Mobile Social Application for Children with Autism Iman Nur Nabil Ahmad Azahari, Wan Fatimah Wan Ahmad, Zulikha Jamaludin, Ahmad Sobri Hashim	547
Poster_6_ 1570249166	Cloud Computing Role to Address Mobile Learning Barriers: An Exploratory Study of HEIs in Malaysia Deemah Al-Arabiati, Wan Fatimah Wan Ahmad, Aliza Sarlan	553
Poster_7_ 1570250291	Engaging University Students in Hands on Learning Practices and Social Media Collaboration Dhanapal Durai Dominic, Sadaf Hina	559

<u>Session Code</u> <u>Paper ID</u>	<u>Paper Title</u> <u>Authors</u>	<u>Page</u>
Poster_8_ 1570248097	Information Security Policies: Investigation of Compliance in Universities Sadaf Hina, Dhanapal Durai Dominic	564
Poster_9_ 1570253724	Investigating the Educational Effectiveness of Game-based Learning for IT Education Mazeyanti M Ariffin, Wan Fatimah Wan Ahmad, Suziah Sulaiman	570
Poster_10_ 1570249504	Understanding the Use of e-Government Portal in Rural Areas in Malaysia: Towards a Policy Noreen Arshad, Nur Afiqah Marzuki	574
Poster_11_ 1570249298	An Interactive Islamic Mobile Application for Children - "Hidup Cara Rasullullah" Aliza Sarlan, Rohiza Ahmad, Ahmad Sobri Hashim, Shuib Basri, Wan Fatimah Wan Ahmad, Saipunidzam Mahamad, Suci Astrini	579
Poster_12_ 1570244453	Lightning Distance Mobile Application - Lightning Distance Calculator Shuib Basri, Saipunidzam Mahamad, Aliza Sarlan, Ahmad Sobri Hashim, Muhammad Syafiq Zaharin	585
Poster_13_ 1570249821	Investigating Requirement Engineering Techniques in the Context of Software SME Souhaib Besrou, Lukman Ab. Rahim, Dhanapal Durai Dominic	591
Poster_14_ 1570245595	Development of Chinese Language Application in Learning as a Second Language for Malaysian Saipunidzam Mahamad, Nurul Harmiza Hipani, Shuib Basri, Ahmad Sobri Hashim, Aliza Sarlan, Suziah Sulaiman	596
Poster_15_ 1570258498	Analysis of Various Testing Techniques in Agile Development - A Systematic Literature Review Murugan Thangiah, Shuib Basri	600
Poster_16_ 1570249818	A Quantitative Study to Identify Critical RE Challenges in the Context of Software SME Souhaib Besrou, Lukman Ab. Rahim, Dhanapal Durai Dominic	606
Poster_17_ 1570247367	Development of MyHomePharmacy: A Personalized Family Medicine Management Ahmad Sobri Hashim, Aliza Sarlan, Shuib Basri, Saipunidzam Mahamad	611
Poster_18_ 1570242907	Droopy Mouth Detection Model in Stroke Warning Oi Mean Foong, Kah Wing Hong, Suet Peng Yong	616
Poster_19_ 1570249515	Protocols for Agent-based Autonomous Negotiations: A Review Muhamad Hariz, Mohd Fadzil Hassan, Izzatdin Aziz	622

<u>Session Code</u> <u>Paper ID</u>	<u>Paper Title</u> <u>Authors</u>	<u>Page</u>
Poster_20_ 1570256612	Fuzzy C-Means and Two Clusters' Centers Method for Generating Interval Type-2 Membership Function Mohd Hilmi Hasan, Jafreezal Jaafar, Mohd Fadzil Hassan	627
Poster_21_ 1570249325	A Comparison of Deep Learning and Hand Crafted Features in Medical Image Modality Classification Sameer Khan, Suet Peng Yong	633
Poster_23_ 1570249710	Dynamic Surrogate Reservoir Model with Well Constraints Paras Memon, Suet Peng Yong, William Pao	639
Poster_24_ 1570243895	Optimization of Sensor Deployment in Data Centre Tang Jung Low, Oi Mean Foong, Pramita Winata	645
Poster_25_ 1570253779	WLAN Location Fingerprinting Technique for Device-free Indoor Localization System Nasrullah Pirzada, Mohd Yunus Nayan, Fazli Subhan, Mohd Fadzil Hassan, Hamzah Bin Sakidin	650
Poster_27_ 1570249224	Chaos-based Secure Data Compression (CSDC) Muhammad Usama, Nordin Zakaria	656
Poster_28_ 1570249727	Towards Cryptanalysis of Prime Numbers Bashir K Yusuf, Ahmad Mahmood, Suziah Sulaiman	660
Poster_29_ 1570248465	User Perception on Environmental Friendly Practices Among Primary Schoolchildren in Perak Savita K Sugathan, S. Subarna, Y.M. Thivaanraj, M. Manoranjitham	667
Poster_30_ 1570257007	An Insight on Survey Questionnaire Design for Green SCM: Using Cognitive Interviewing Method Savita K Sugathan, P.D.D. Dominic, T. Ramayah	673