

ECTI-CON 2017 Final Program

Wednesday, June 28, 2017

Time: 08:30-11:15

Time	Event
08:30-16:30	Registration at Lobby Area
09:00-09:20	Opening Ceremony
09:20-09:30	Group Photo
09:30-10:15	Keynote Speaker 1 : Coalitional Game with Application in Cloud Computing Dusit Niyato : <i>Nanyang Technological University, Singapore</i>
10:15-11:00	Keynote Speaker 2 : Applying Quantum Key Distribution Technology in Real-Life Networks Wei Chen : <i>University of Science and Technology of China, China</i>
11:00-11:15	Break

ECTI-CON 2017 Final Program

Wednesday, June 28, 2017

Time: 11:15-13:00

Room : Session		Dalah 1 : Computers (I)
Session Chair		Krerk Piromsopa : <i>Chulalongkorn University</i>
Time	PID	Paper Title / Author
11:15-11:35	1026	Portable e-Learning Box for Agriculture to Support Farmer in Rural Areas: A Case Study in Thailand
		Sila Chunwijitra, Pornchai Tummarattananont, Phondanai Khanti, Chai Wutiwiwatchai : <i>National Electronics and Computer Technology Center, Thailand</i>
11:35-11:55	1047	An MTS-CFQ I/O Scheduler Considering SSD Garbage Collection on Virtual Machine
		Jung Kyu Park, Jaeho Kim : <i>Ulsan National Institute of Science and Technology, South Korea</i>
11:55-12:15	1085	Improving Particle Swarm Optimization by Using Incremental Attribute Learning and Centroid of Particle's Best Positions
		Sornnarong Srimakham, Kietikul Jearanaitanakij : <i>King Mongkut's Institute of Technology Ladkrabang, Thailand</i>
12:15-12:35	1190	Improving Hadoop MapReduce Performance with Data Compression: A Study using Wordcount Job
		Kritwara Rattanaopas, Sureerat Kaewkeeree : <i>Songkhla Rajabhat University, Thailand</i>
12:35-13:00	-	Lunch

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Wednesday, June 28, 2017

Time: 13:00-15:20

Room : Session		Dalah 1 : Computers (II)
Session Chair		Ruedee Masuchun : <i>King Mongkut's Institute of Technology Ladkrabang</i>
Time	PID	Paper Title / Author
13:00-13:20	1091	Applied Artificial Bee Colony Algorithm for multiple Capacitated Vehicle Routing Problem: Case study of the plastic packaging industry
		Sununta Mingprasert, Ruedee Masuchun : <i>King Mongkut's Institute of Technology Ladkrabang, Thailand</i>
13:20-13:40	1101	Primary Cloud Assessment in THEOS Imagery using k-means Clustering and Morphological Transformation Algorithms
		Prayot Puangjaktha, Poom Popattanachai : <i>Geo-Informatics and Space Technology Development Agency, Thailand</i>
13:40-14:00	1110	Cost and Reliability Analyses for the Vehicle Routing Problem
		Udom Janjarassuk, Ruedee Masuchun : <i>King Mongkut's Institute of Technology Ladkrabang, Thailand</i>
14:00-14:20	1122	Parallel Hybrid Dual Pivot Sorting Algorithm
		Surapong Taotiamton : <i>King Mongkut's Institute of Technology Ladkrabang, Thailand</i>
14:20-14:40	1136	A Robust System for Eye State Recognition Using the Hamming Distances of Eye Image Intensities
		Lee Aing : <i>Thammasat University, Thailand</i>
		Pished Bunnun : <i>National Electronics and Computer Technology Center, Thailand</i>
		Hirohiko Kaneko : <i>Tokyo Institute of Technology, Japan</i>
14:40-15:00	1145	Modified Ant Colony Optimization with Pheromone Mutation for Travelling Salesman Problem
		Chiabwoot Ratanavilisagul : <i>Rajamangala University of Technology Krungthep, Thailand</i>
15:00-15:20	-	Break

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Wednesday, June 28, 2017

Time: 15:20-22:00

Room : Session		Dalah 1 : Computers (III)
Session Chair		Chaiwat Nuthong : <i>King Mongkut's Institute of Technology Ladkrabang</i>
Time	PID	Paper Title / Author
15:20-15:40	1149	Fetch Performance Comparison of Object Relational Mapper in .NET Platform
		Witoon Wiphusitphunpol, Thitiporn Lertrudachakul : <i>Thai-Nichi Institute of Technology, Thailand</i>
15:40-16:00	1153	Tree-based vehicle classification system
		Kiatkachorn Saripan : <i>King Mongkut's Institute of Technology Ladkrabang, Thailand</i>
16:00-16:20	1154	Vehicle Classification using Neural Network
		Sotheany Nou, Chaiwat Nuthong : <i>King Mongkut's Institute of Technology Ladkrabang, Thailand</i>
16:20-16:40	1172	An Automatic Stock Trading System using Particle Swarm Optimization
		Chukiat Worasuchep, Sirapop Nuannimnoi, Ratchanon Khamvichit, Papon Attagonwantana : <i>King Mongkut's University of Technology Thonburi, Thailand</i>
16:40-17:00	1175	Rogue Access Point Detection Mechanism Considering Sequence Number of Beacon Frame For Wireless Local Area Networks
		Apisak Ketkhaw, Sakchai Thipchaksurat : <i>King Mongkut's Institute of Technology Ladkrabang, Thailand</i>
Room : Session		Dalah 1 : Keynote Speaker
17:00-17:45	-	Keynote Speaker 3 : Smart Signal Quantization for Control Toshiharu Sugie : <i>Kyoto University, Japan</i>
17:45-18:30	-	Keynote Speaker 4 : Distributed Simulation in the Cloud Stephen John Turner : <i>King Mongkut's University of Technology Thonburi, Thailand</i>
18:30-22:00	-	Banquet at Orchid Grand Ballroom

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Wednesday, June 28, 2017

Time: 11:15-13:00

Room : Session		Dalah 2 : Information Technology (I)
Session Chair		Rangsan Wongsan : <i>Suranaree University Technology</i>
Time	PID	Paper Title / Author
11:15-11:35	1021	A Model for Multi-dimensional Trust Measurement in Thailand E-marketplace
		Paitoon Porntrakoon, Chayapol Moemeng : <i>Assumption Universty, Thailand</i>
11:35-11:55	1038	Offline Handwriting Identification System for Thai Characters using Individual Change Control Processing
		Pikulkaew Tangtisanon : <i>King Mongkut's Institute of Technology Ladkrabang, Thailand</i>
		Kiyonari Fukue, Daisuke Tomokiyo : <i>Tokai University, Japan</i>
11:55-12:15	1042	Intruders and Intrusion Detection Systems - An Overview
		Awais Yousaf, Onaiza Yousaf : <i>University of Lahore, Pakistan</i>
12:35-13:00	-	Lunch

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Wednesday, June 28, 2017

Time: 13:00-15:20

Room : Session		Dalah 2 : Information Technology (II)
Session Chair		Pikulkaew Tangtisanon : <i>King Mongkut's Institute of Technology Ladkrabang</i>
Time	PID	Paper Title / Author
13:00-13:20	1070	Automatic Keyword Extraction System for Thai Website Categorization System
		Adsadawut Chanakitkarnchok, Kulit Na Nakorn, Kultida Rojviboonchai : <i>Chulalongkorn University, Thailand</i>
13:20-13:40	1095	Romanized Thai Input Method Editor
		Supawan Tasanaprasert : <i>King Mongkut's Institute of Technology Ladkrabang, Thailand</i>
13:40-14:00	1112	Japanese Ingredient Facts Recognition Application
		Supawan Tasanaprasert : <i>King Mongkut's Institute of Technology Ladkrabang, Thailand</i>
14:00-14:20	1113	Problem-Based Model for the Improvement of Case -Based Reasoning System
		Adtha Lawanna : <i>Assumption Universtiy, Thailand</i>
14:20-14:40	1128	SR-based Binary Classification in Credit Scoring
		Pornwathana Wongchinsri : <i>Mahanakorn University of Technology, Thailand</i>
14:40-15:00	1133	An implementation of AES-128 and AES-512 on Apple mobile processor
		Vatchara Saicheur, Kerk Piromsopa : <i>Chulalongkorn University, Thailand</i>
15:00-15:20	-	Break

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Time: 15:20-22:00

Room : Session		Dalah 2 : Information Technology (III)
Session Chair		Apirath Limmanee : <i>Burapha University</i>
Time	PID	Paper Title / Author
15:20-15:40	1135	Development Knowledge Management Pattern for Entrepreneurship in Upper-Northern Thailand Wellness Tourism
		Ploykwan Jedeejit : <i>Chiang Mai University, Thailand</i>
		Pratya Nuankaew : <i>University of Phayao, Thailand</i>
		Wongpanya Nuankaew : <i>Rajabhat Mahasarakham University, Thailand</i>
15:40-16:00	1141	Trial Snakes for Segmentation of Breast Cancer in Ultrasound Images
		Stanislav Makhanov : <i>Thammasat University, Thailand</i>
16:00-16:20	1166	Development of a Cardiopulmonary Resuscitation Feedback Learning Device Using Maltisensor
		Hidehiko Hayashi : <i>Hokusei Gakuen University, Japan</i>
		Akinori Minazuki : <i>Kushiro Public University, Japan</i>
16:20-16:40	1169	Automatic Modeling of Electronic Devices Using Prefix-Suffix Approach: Methods, Implementation, and Preliminary Results
		Thanaluk Pranekunakol, Chao Chanadee, Pinyada Narksriklarm, Soontree Jaikhong, Apirath Limmanee, Panuwat Danklang, Sanchai Eardprab, Wiroon Sriborrirux : <i>Burapha University, Thailand</i>
16:40-17:00	1171	An Experimental Design for Identification of Multiple Load Appliances
		Bundit Buddhahai, Pattana Rakkwamsuk : <i>King Mongkut's University of Technology Thonburi, Thailand</i>
		Waranyu Wongseree : <i>King Mongkut's University of Technology North Bangkok, Thailand</i>
Room : Session		Dalah 1 : Keynote Speaker
17:00-17:45	-	Keynote Speaker 3 : Smart Signal Quantization for Control Toshiharu Sugie : <i>Kyoto University, Japan</i>
17:45-18:30	-	Keynote Speaker 4 : Distributed Simulation in the Cloud Stephen John Turner : <i>King Mongkut's University of Technology Thonburi, Thailand</i>
18:30-22:00	-	Banquet at Orchid Grand Ballroom

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Time: 11:15-13:00

Room : Session		Dalah 3 : Systems and Control (I)
Session Chair		Itthisek Nilkhamhang : <i>Chulalongkorn University</i>
Time	PID	Paper Title / Author
11:15-11:35	1081	Ecofriendly Electroactive Polymer Actuator Using Highly Porous Carboxylated Bacterial Cellulose
		Fan Wang, Sunghoon Cho, Eunpyo Choi, Jong-Oh Park : <i>Chonnam National University, South Korea</i>
		Sukho Park : <i>Daegu Gyeongbuk Institute of Science and Technology, South Korea</i>
11:35-11:55	1179	Acoustic Underwater Positioning System using Fast Fourier Transform and Trilateration Algorithm
		Chatpadol Klungmontri, Itthisek Nilkhamhang : <i>Sirindhorn International Institute of Technology, Thammasat University, Thailand</i>
11:55-12:15	1248	Android-based Gardening Robot with Fuzzy Variable Set model
		Pikulkaew - Tangtisanon : <i>King Mongkut's Institute of Technology Ladkrabang, Thailand</i>
12:15-12:35	1004	Impacts of the SSSC on Damping Power System Oscillations
		Peghah Shafaghi, Mehdi Mahdavian : <i>Islamic Azad University, Iran</i>
12:35-13:00	-	Lunch

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Time: 13:00-15:20

Room : Session		Dalah 3 : Systems and Control (II)
Session Chair		David Banjerdpongchai : <i>Chulalongkorn University</i>
Time	PID	Paper Title / Author
13:00-13:40	Invited paper	Glocal (Global/Local) Control: Concept, Fundamental Theory, and Applications to Electric Vehicle Control (Invited paper)
		Shinji Hara : ¹ <i>Chuo University, Japan</i> ² <i>Chulalongkorn University, Thailand.</i>
13:40-14:00	1064	Attitude and vertical movement smoother using a unit vector representation
		Duc Cong Dang, Young Soo Suh : <i>University of Ulsan, South Korea</i>
14:00-14:20	1119	Simultaneous Stabilizing Controller with Robust Servo Characteristic for a Pair of Unstable Plants
		Jinghui Li, Sachie Shiomi, Takaaki Suzuki, Kou Yamada : <i>Gunma University, Japan</i>
14:20-14:40	1180	Stabilization condition of one-step receding horizon control for discrete-time linear systems with model uncertainties
		Chan-eun Park, Nam Kyu Kwon, Poo Gyeon Park : <i>Pohang University of Science and Technology, South Korea</i>
14:40-15:00	1222	A Self Adaptive Telemetry Station for Flash Flood Early Warning Systems
		Autanan Wannachai : <i>Chiang Mai University, Thailand</i>
15:00-15:20	-	Break

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Time: 15:20-22:00

Room : Session		Dalah 3 : Systems and Control (III)
Session Chair		Wudhichai Assawinchaichote: <i>King Mongkut's University of Technology Thonburi</i>
Time	PID	Paper Title / Author
15:20-15:40	1033	Self-tuning PID parameters using NN-GA for Brush DC motor control system
		Jirapun Pongfai, Wudhichai Assawinchaichote : <i>King Mongkut's University of Technology Thonburi, Thailand</i>
15:40-16:00	1076	Forward Kinematic-like Neural Network for Solving the 3D Reaching Inverse Kinematics Problems
		Pannawit Srisuk : <i>King Mongkut's Institute of Technology Ladkrabang, Thailand</i>
16:00-16:20	1253	Sliding Mode Based Incipient Sensor Fault-Tolerant Control for DC Servomotor Drives
		Suneel Kumar Kommuri : <i>Korea University, South Korea</i>
		Jagat Jyoti Rath : <i>University of Lille Nord de France, France</i>
		Ghufran Shafiq, Venkateswarlu Gonuguntla, Kalyana Veluvolu : <i>Kyungpook National University, South Korea</i>
16:20-16:40	1291	Neural Networks Equalizers for Nonlinear Magnetic Recording Channels
		Rati Wongsathan, Watid Phakphisut, Pornchai Supnithi : <i>King Mongkut's Institute of Technology Ladkrabang, Thailand</i>
16:40-17:00	1008	A Comparison of Different Structures in Wind Energy Conversion Systems
		Ghazanfar Shahgholian, Najafabad Branch, Khosro Khani, Najafabad Branch, Majid Moazzami, Peghah Shafaghi : <i>Islamic Azad University, Iran</i>
		Mehdi Mahdavian : <i>King Mongkut's Institute of Technology Ladkrabang, Thailand</i>
Room : Session		Dalah 1 : Keynote Speaker
17:00-17:45	-	Keynote Speaker 3 : Smart Signal Quantization for Control Toshiharu Sugie : <i>Kyoto University, Japan</i>
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Time: 11:15-13:00

Room : Session		Bu-nga : Signal Processing (I)
Session Chair		Tian-Bo Deng : <i>Toho University</i>
Time	PID	Paper Title / Author
11:15-11:35	1016	Stability-Constrained Variable Mathematical Model for Odd-Order Recursive Variable Filters
		<i>Tian-Bo Deng : Toho University, Japan</i>
11:35-11:55	1024	Fuzzy Finger Shapes and Hand Apperance Features for Thai letter Finger Spelling
		<i>Kittasil Silanon : Prince of Songkla University, Thailand</i>
11:55-12:15	1036	A Novel Resolution Enhancement Established on An Iterative Regularized ML MSRR and High-Frequency Pre-Determining SSRR for Ultra-Magnification Rate
		<i>Kornkamol Thakulsukanant, Vorapoj Patanavijit : Assumption Universtiy, Thailand</i>
12:35-13:00	-	Lunch

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Wednesday, June 28, 2017

Time: 13:00-15:20

Room : Session		Bu-nga : Signal Processing (II)
Session Chair		Vorapoj Patanavijit : <i>Assumption Universtiy</i>
Time	PID	Paper Title / Author
13:00-13:20	1037	Dissertation Capability Analysis of Noise Suppression Technique Utilizing Trilateral Filter Under Mixed Noise Circumstances
		Vorapoj Patanavijit, Kornkamol Thakulsukanant : <i>Assumption Universtiy, Thailand</i>
13:20-13:40	1050	Verification of Bidirectional Local Based Optical Flow with Bilateral Filter on Non-Gaussian Noise Contamination for Video Reconstruction
		Darun Kesrarat, Vorapoj Patanavijit : <i>Assumption Universtiy, Thailand</i>
13:40-14:00	1062	A 3-Phase Threshold Algorithm for Smartphone-Based Fall Detection
		Theepop Chaitep, Jakarin Chawachat : <i>Chiang Mai University, Thailand</i>
14:00-14:20	1069	Video Shot Classification Using 2D Motion Histogram
		Pawin Prasertsakul, Toshiaki Kondo : <i>Sirindhorn International Institute of Technology, Thailand</i>
		Hiroyuki Iida : <i>Japan Advanced Institute of Science and Technology, Japan</i>
14:20-14:40	1080	Robustness Evaluation of a Dual-Threshold QRS Detection Method for Wearable ECG Recorders
		Sarawan Wongsas, Panuwat Sangketkit : <i>King Mongkut's University of Technology Thonburi, Thailand</i>
14:40-15:00	1090	Feature Extraction and Classification of Knee Joint Disorders Using Hilbert Huang Transform
		Saif Nalband, Valliappan C.A, Raag Gupta, A. Amalin Princ, Anita Agrawal : <i>Birla Institute of Technology and Science, India</i>
15:00-15:20	-	Break

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Wednesday, June 28, 2017

Time: 15:20-22:00

Room : Session		Bu-nga : Signal Processing (III)
Session Chair		Somsak Choomchuay : <i>King Mongkut's Institute of Technology Ladkrabang</i>
Time	PID	Paper Title / Author
15:20-15:40	1100	A Computer Aided Diagnosis System for Detection of Lung Nodules from Series of CT Slices
		May Phu Paing, Somsak Choomchuay : <i>King Mongkut's Institute of Technology Ladkrabang, Thailand</i>
15:40-16:00	1121	Optical Beam Shaping Design through Optimization of a Radial Phase Mask
		Simran Agarwal, Waleed S. Mohammed : <i>Bangkok University, Thailand</i>
16:00-16:20	1140	CDoTS: Change Detection on Time Series Background for Video Foreground Segmentation
		Somkiat Wangsiripitak, Wirat Rattanapitak : <i>King Mongkut's Institute of Technology Ladkrabang, Thailand</i>
16:20-16:40	1143	Particle Swarm Based Sparse Representation Classifier for Classification of Epilepsy from EEG Signals
		Sunil Kumar Prabhakar, Harikumar Rajaguru : <i>Bannari Amman Institute of Technology, India</i>
16:40-17:00	1147	Detection of Improper Postures Leading to Dislocation of Hip Prosthesis by a Smartphone
		Opas Chutatape : <i>Rangsit University, Thailand</i>
Room : Session		Dalah 1 : Keynote Speaker
17:00-17:45	-	Keynote Speaker 3 : Smart Signal Quantization for Control Toshiharu Sugie : <i>Kyoto University, Japan</i>
17:45-18:30	-	Keynote Speaker 4 : Distributed Simulation in the Cloud Stephen John Turner : <i>King Mongkut's University of Technology Thonburi, Thailand</i>
18:30-22:00	-	Banquet at Orchid Grand Ballroom

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Wednesday, June 28, 2017

Time: 11:15-13:00

Room : Session		Orchid : SS: Smart ICT for Sustainable Growth (I)
Session Chair		Roungsan Chaisricharoen : <i>Mae Fah Luang University</i>
Time	PID	Paper Title / Author
11:15-11:35	1262	Electrical Conductivity and pH Adjusting System for Hydroponics by using Linear Regression
		Theeramet Kaewwiset, Thongchai Yooyativong : <i>Mae Fah Luang University, Thailand</i>
11:35-11:55	1268	Probabilistic Model of Nanometer MIFGMOSFET
		Rawid Banchuin : <i>Siam University, Thailand</i>
		Roungsan Chaisricharoen : <i>Mea Fah Luang University, Thailand</i>
11:55-12:15	1269	The WiFi Multi-Sensor Network for Fire Detection Mechanism using Fuzzy Logic with IFTTT Process Based on Cloud
		Anek Wong Yoddumnern, Thongchai Yooyativong, Roungsan Chaisricharoen : <i>Mea Fah Luang University, Thailand</i>
12:15-12:35	1300	Effectiveness Comparison between the Problem-Based Learning and Traditional Learning Method: A Case Study of Creative Writing in English of the Undergraduate Students at Chiang Rai Rajabhat University
		Sirikanya Dawilai, Chayapol Kamyod : <i>Mea Fah Luang University, Thailand</i>
12:35-13:00	-	Lunch

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Wednesday, June 28, 2017

Time: 13:00-15:20

Room : Session		Orchid : Power Electronics (III)
Session Chair		Theerayod Wiangtong : <i>King Mongkut's Institute of Technology Ladkrabang</i>
Time	PID	Paper Title / Author
13:00-13:20	1155	Applications of DSTATCOM to Regulate Voltage on a Distribution Network
		Peghah Shafaghi : <i>Islamic Azad University, Iran</i>
13:20-13:40	1265	Current-Fed Switched Z-Source Inverters
		Mohsen Hasan Babayi Nozadian, Ebrahim Babaei, Elias Shokati Asl : <i>University of Tabriz, Iran</i>
13:40-14:00	1259	Four-Phase Isolated DC-DC Converter
		Ebrahim Babaei : <i>University of Tabriz, Iran</i>
		Carlo Cecati, Concettina Buccella : <i>University of L'Aquila, Italy</i>
14:00-14:20	1260	Speed Control of Induction Motor under Unbalanced Network Using Vector Control
		Mohammad Ahmadpour, Mehran Sabahi, Hakimeh Hassanzadeh, Ebrahim Babaei : <i>University of Tabriz, Iran</i>
14:20-14:40	1261	Compensation of Voltage Sags and Swells using Photovoltaic Source Based DVR
		Ebrahim Babaei, Selda Dabbagh Tabrizi, Mehran Sabahi : <i>University of Tabriz, Iran</i>
		Farzad Mohammadzadeh Shahir : <i>Islamic Azad University, Iran</i>
15:00-15:20	-	Break

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Time: 15:20-22:00

Room : Session		Interactive Forum (Poster Session)
Session Chair		Pichaya Tandayya : <i>Prince of Songkla University</i>
Time	PID	Paper Title / Author
15:20-17:00	1002	Shunt FACTS Controller: Classification, Modeling, Operation and Control Techniques Bahador Fani, Mehdi Mahdavian : <i>Islamic Azad University, Iran</i>
	1013	Dynamic Performance of a SMIB with STATCOM on Damping Low Frequency Oscillations Mehdi Mahdavian : <i>Islamic Azad University, Iran</i>
	1014	Analysis and Simulation of UPFC in Electrical Power System for Power Follow Control Bahador Fani, Najafabad Branch : <i>Islamic Azad University, Iran</i>
	1031	Transient Stability Enhancement of A Two-Machine Power System Using SVC and PSS: A Comparative Study Mansoor Zeinali, Mehdi Mahdavian : <i>Islamic Azad University, Iran</i>
	1032	Voltgae Regulation in Transmission Line by Shunt Flexible AC Transmission System Devices Mehdi Mahdavian : <i>Islamic Azad University, Iran</i>
	1060	Slip-Current Curve Determination of Induction Motor Using Technical Data Pichai Aree : <i>Thammasat University, Thailand</i>
	1138	DFIG-Based Wind Turbine Using STATCOM for Improvement Performance Noushaz Izadpanahi : <i>Islamic Azad University, Iran</i>
	1144	Coordinated Control of PSS and Variable Impedance Devices by Using AVURPSO to Enhance the Stability in Power System Amir Movahedi : <i>Islamic Azad University, Iran</i>
	1162	Perpendicularly-Fed Microstrip Antenna with Crossed Ground Slot for GPS Application Seongmin Pyo, Yoonsang Noh, Yooncheol Shin, Min-Jae Lee : <i>Hanbat National University, South Korea</i>
	1189	Gait Analysis and Identification Based On Joint Information Using RGB-Depth Camera Omer Faruk INCE : <i>Kyungsung University, South Korea</i>
	1243	Design and Smulation of Sensorless BLDC Motor Drive Using DTC and SWF Ghazanfar Shahgholian : <i>Islamic Azad University, Iran</i>
	1246	Analysis of Power Generation for Direct Wave Energy Converter Joon Sung Park : <i>Korea Electronics Technology Institute, South Korea</i>
	1249	Development of Biological Network Crawling, Clustering and Visualization System Dongmin Seo : <i>Korea Institute of Science and Technology Information, South Korea</i>
	1254	Analysis and Simulation of Behavior Dynamic in Permanent Magnet Stepper Motor Peghah Shafaghhi Mehdi Mahdavian : <i>Islamic Azad University, Iran</i>
	1257	Improve Performance in Electrical Power Distribution System by Optimal Capacitor Placement Using Genetic Algorithm Mohammad Hossein Kafi : <i>Islamic Azad University, Iran</i>
	1264	Coupled-Inductor Based Multilevel Inverter

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	1267	Shirin Salehahari, Ebrahim Babaei : <i>University of Tabriz, Iran</i>
	1266	Dual-Output Step-Down Soft Switching Current-Fed Full-Bridge DC-DC Converter
		Minoo Mohebifar, Naghi Rostami, Ebrahim Babaei, Mehran Sabahi : <i>University of Tabriz, Iran</i>
	1267	Analysis of Z-Source Based DC/DC Converter in CCM, DCM and BCM Operations
		Ebrahim Babaei, Carlo Cecatil, Concettina Buccella : <i>University of L'Aquila, Italy</i>
	1278	A Fast Cuckoo Search For Clustering Problem
		Abba Suganda Girsang, Ardian Yunanto, Ayu Hidayah Aslamiah : <i>Bina Nusantara University, Indonesia</i>
Room : Session		Dalah 1 : Keynote Speaker
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