

**ICEEI2009 Conference, “Where Research Comes Alive”
Parallel Session Programme**

Parallel Session 1: 10.30-11.30 am Wednesday 5th August 2009		
Chairperson	Pn. Suhaila Zainuddin	Dr. Elankovan Sundarajan
Room	BM1	BK1
Track	Artificial Intelligence	Computer Application/ Multimedia/Software Engineering
Author and Paper number:	Paper AI-01 - Azuraliza Abu Bakar, Zalinda Othman, Ruhaizan Ismail and Rosmawati Muhamad Abdullah	Paper CA-02 – Mohammed Albared, Nazlia Omar and Mohd. J. Ab. Aziz
Title:	Managing the Air Cargo Offload Problems Using Rough Set Theory	Classifiers Combination to Arabic MorphoSyntactic Disambiguation
Author:	Paper AI-02 – Azuraliza Abu Bakar, Zalinda Othman, Ruhaizan Ismail and Zed Zakari	Paper CA-03 – NurHidayah Adnan, Yuzita Yaacob, Mohammad Khatim Hassan, Hamzah Mohd Salleh and Ibrahim Ali Noorbatcha
Title:	Using Rough Set Theory for Mining the Level of Hearing Loss Diagnosis Knowledge	Developing CAS Models in Immunology Teaching
Author and Paper number:	Paper AI-03 - Abdallah M. Abualkishik and Khairuddin Omar	Paper CA-04 – Nor Farhana Othman, Haslina Arshad and Rosilah Hassan
Title:	Quran Vibrations in Braille Code	The Assembly of Virtual Arrick Robot in Web Based Robotic Lab
Author and Paper number:	Paper AI-04 – Atallah al-Shatnawi and Khairuddin Omar	Paper CA-05 – Dery Yulian Sarean, Riza Sulaiman and Anton Satria Prabuwo
Title:	Detecting Arabic Handwritten Word Baseline Using Voronio Diagram	An Approach to Intelligent Controlling Rugged Surface for WiRobot X80

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Parallel Session 1: 10.30-11.30 am Wednesday 5th August 2009		
Chairperson	Cik Umi Asma Mokhtar	Prof. Dr. Kasmiran Jumari
Room	BK2	BK3
Track	Information System/Networks	Electrical Engineering
Author and Paper number:	Paper IS-01 – Akbar Dehghani Ghahfarokhi and Mohamad Shanudin Zakaria	Paper EE-01 – Hussain Shareef, Azah Mohamed and Khodijah Mohamed
Title:	The Impact of CRM on Customer Retention in Malaysia	Development of Voltage Acceptability Curves for Fluorescent Lighting Systems
Author:	Paper IS-02 – Muriati Mokhtar, Yazrina Yahya, Norleyza Jailani, Salha Abdullah and Zuraidah Abdullah	Paper EE-02 - Noor Izzri Abdul Wahab and Azah Mohamed
Title:	An Integrated E-Marketplace Framework: A Case Study of Wood-based Products Industry in Malaysia	Transient Stability Assessment of a Large Actual Power System using Probabilistic Neural Network with Enhanced Feature Selection and Extraction
Author and Paper number:	Paper IS-03 – Muneer Alsurori and Juhana Salim	Paper EE-03- Mohd Syuhaimi Ab-Rahman, Hadi Guna and Mohd Hazwan Harun
Title:	Information and Communication Technology for Decision-Making in the Higher Education in Yemen: A Review	1xN Self-Made Polymer Optical Fiber Based Splitter for POF-650nm-LED based Application
Author and Paper number:	Paper IS-05 – Ali A. Zahrawi and Yazrina Yahya	Paper EE-04 – Abduljalil R.A. Saif and Kasmiran Jumari
Title:	A Framework for Knowledge Management System in Higher Learning Institution: A Case Study of National University of Malaysia	Performance Study of Core2Duo Desktop Processors

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Parallel Session 2: 11.30am-12.30 noon Wednesday 5 th August 2009		
Chairperson	Pn. Junaidah M Kassim	Dr. Anton Satria Prabuwo
Room	BM1	BK1
Track	Artificial Intelligence	Computer Application/ Multimedia/Software Engineering
Author and Paper number:	Paper AI-18 – W.M. Diyana W. Zaki and Cun Rui Kong	Paper CA-06 – Indra Mohd. Zin, Lee Thian Seng and Riza Sulaiman
Title:	Identifying Abnormalities in Computed Tomography Brain Images Using Symmetrical Features	Visual Grid Refinement in Targeting Useful Data in Moving Visual Data for Mobile Robots
Author:	Paper AI-06- Almahdi Mohammad Ahmed, Norita Md. Norwawi and Wan Hussain Wan Ishak	Paper CA-07– Thian Seng Lee, Indra Mohd. Zin, Abdul Yazid Mohd Kassim, Suhail Abdullah and Riza Sulaiman
Title:	Identifying Student and Organization Matching Pattern Using Apriori Algorithm for Practicum Placement	A Simple and Efficient Technique for Humeral Head Implant Selection During Preoperative Digital Templating Phase in Shoulder Arthroplasty
Author and Paper number:	Paper AI-07 - Shuzlina Abdul Rahman, Azuraliza Abu Bakar and Zeti Azura Mohamed Hussein	Paper CA-10– Hairulliza Mohamad Judi, Kumaran Kapoyah and Noraidah Sahari@Ashaari
Title:	Feature Selection and Classification of Protein Subfamilies Using Rough Sets	Visualising Automatic Product Inspection of PCB Units
Author and Paper number:	Paper AI-08– Wael A. al-Zoubi, Azuraliza Abu Bakar and Khairuddin Omar	Paper CA-09– Hanida Ahmad Shari, Norazlin Khalid, Noraidah Sahari@Ashaari and Hairulliza Mohamad Judi
Title:	Scalable and Efficient Method for Mining Association Rules	Statistical Process Control in Plastic Packaging Manufacturing: A Case Study

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Parallel Session 2: 11.30am-12.30 noon Wednesday 5 th August 2009		
Chairperson	Dr. Dwi H. Widyantoro	Prof. Ngapuli I. Sinisuka
Room	BK2	BK3
Track	Information System/Networks	Electrical Engineering
Author and Paper number:	Paper IS-06 – Maizura Hani Sarip@Maarof and Yazrina Yahya	Paper EE-05– Lee Yee Siong, Siti Salasiah Mokri, Aini Hussain, Norazlin Ibrahim, and Mohd Marzuki Mustafa
Title:	Digital Libraries Interoperability Issues	Motion Detection using Lucas Kanade Algorithm and Application Enhancement
Author:	Paper IS-07 – Saidah Saad, Naomie Salim and Hakim Zainal	Paper EE-06 - Mohammad Syuhaimi Ab-Rahman, Mohd Hazwan Harun and Hadi Guna
Title:	Pattern Extraction for Islamic Concept	Comparative Analysis of Power Efficiency of Handmade 1x12 Polymer Optical Fiber-Based Optical Splitter
Author and Paper number:	Paper IS-08 – Nur Azmiza Mohd Salleh, Muriati Mukhtar, Noraidah Sahari@Ashaari	Paper EE-07 Abdul Rajab, Suwarno and Aminuddin S.
Title:	Logistic E-Marketplace For Agro-Based Industries In Malaysia	Properties of RBDPO Olein as A Candidate of Palm Based-Transformer Insulating Liquid
Author and Paper number:	Paper IS-09 – Akbar Deghani Ghahfarokhi and Mohamad Shanudin Zakaria	Paper EE-08 – Nana Rachmana, Hendrawan, Sugihartono and Andriyan B. Suksmono
Title:	Knowledge Retention in Knowledge Management System: Review	Interpretation Target Pattern of a Buried Basic Object on Surface Ground Penetrating Radar System

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Parallel Session 3: 3.00-4.00pm Wednesday 5 th August 2009		
Chairperson	Cik Zuraidah Abdullah	Dr. Emir M. Husni
Room	BM1	BK1
Track	Artificial Intelligence	Computer Application/ Multimedia/Software Engineering
Author and Paper number:	Paper AI-09– <i>Zarina Shukur and Mohd Nazri Ramli</i>	Paper CA-25– <i>Dimitri Mahayana and Sabat Anwari</i>
Title:	Rule-based Assumptions Derivation of Authentication Protocols	Brushed DC Motor Controller Using Robust Indirect Adaptive Control
Author:	Paper IS-16– <i>Ashraf Abazeed, Ali Mamat, Mohamad Nasir and Hamidah Ibrahim</i>	Paper CA-11 – <i>Siti Rahayu Hassan, Mohammad Syuhaimi Ab-Rahman, Aswir Premadi and Kasmiran Jumari</i>
Title:	Mining Association Rules from Structured XML Data	Web Services for Live Monitoring in Fiber to the Home
Author and Paper number:	Paper AI-11 – <i>Nur Shuhada Eilani Ahmad and Riza Sulaiman</i>	Paper CA-12– <i>Muhammad Rezal, Jofizal Jannis and Tati L.R. Mengko</i>
Title:	Texture Analysis for Biscuit Using Wavelet	The Development of Heart Rate Variability Analysis Software for Detection of Individual Automatic Response on Music and Quran Recitation
Author and Paper number:	Paper AI-13 - <i>Sitti Rachmawati, S.N.H. Sheikh Abdullah, K. Omar, M.S. Zakaria and C.Y. Liong</i>	Paper CA-13 – <i>Emir M. Husni, Khairul Hamdi and Tunggal Mardiono</i>
Title:	Review on Image Enhancement Methods of Old Manuscript with the Damaged Background	Particle System Implementation using Smoothed Particle Hydrodynamics (SPH) for Lava Flow Simulation

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Parallel Session 3: 3.00-4.00pm Wednesday 5 th August 2009		
Chairperson	Dr. Elankovan Sundarajan	Dr Suwarno
Room	BK2	BK3
Track	Information System/Networks	Electrical Engineering
Author and Paper number:	Paper IS-10– <i>Siti Sakira Kamaruddin, Abdul Razak Hamdan, Azuraliza Abu Bakar and Fauzias Mat Nor</i>	Paper EE-39– <i>Norbahiah Misran, Mohammad Tariqul Islam, Nurmahirah Muhamad Yusob and Ahmed Toaha Mobashsher</i>
Title:	Automatic Extraction of Performance Indicators from Financial Statements	Design of a Compact Dual Band Microstrip Antenna for Ku-Band Application
Author:	Paper NW-07 – <i>Asnawi, M. Abdullah and M.A. Momani</i>	Paper EE-40- <i>Norbahiah Misran, Mohammad Tariqul Islam, Lim Lay San and Rezaul Azim</i>
Title:	Observation of Medium Scale Travelling Ionospheric Disturbance Using GPS SUGAR	Dual-Polarized Patch Antenna for Wireless Communication
Author and Paper number:	Paper IS-12 – <i>Muriati Mukhtar, Yazrina Yahya, Salha Abdullah, Abdul Razak Hamdan and Norleyza Jailani</i>	Paper EE-41 – <i>Mohammad Tariqul Islam, Norbahiah Misran, Tan Sue Ling, Mohammad Rashed Iqbal Faruque</i>
Title:	Employability and Service Science: Facing the Challenges via Curriculum Design and Restructuring	Reduction of Specific Absorption Rate (SAR) in the Human Head with Materials and Metamaterial
Author and Paper number:	Paper IS-13 – <i>Yazrina Yahya, Salha Abdullah, Muriati Mukhtar, Hasannudin Saidin, Abdul Razak Hamdan, Norleyza Jailani and Zuraidah Abdullah</i>	Paper EE-42 – <i>Mohammad Tariqul Islam, Norbahiah Misran, Tan Chuen Take, Mohd. Moniruzzaman</i>
Title:	Engaging the SSME Challenge: An Agenda for Research at the Faculty of Information Science and Technology	Optimization of Microstrip Patch Antenna using Particle Swarm Optimization with Curve Fitting

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Parallel Session 4: 4.30-5.30pm Wednesday 5th August 2009		
Chairperson	Dr. Anton Satria Prabuwo	Dr. Fazat N. Azizah
Room	BM1	BK1
Track	Artificial Intelligence	Computer Application/ Multimedia/Software Engineering
Author and Paper number:	Paper AI-14 – Abbas M. Ali and Md Jan Nordin	Paper CA-14 – Suwarno and H. Fajarsyah
Title:	Indoor Navigation to Support the Blind Person Using a Weighted Topological Map	Computer Simulation of Partial Discharges in Liquid Insulation
Author:	Paper AI-15 – Atallah al-Shatnawi and Khairuddin Omar	Paper CA-18– Norainon Mohamed and Muhamad Zahim Sujod
Title:	A Comparative Study Between Methods of Arabic Baseline Detection	Numerical Simulation Of SiC GTO Thyristor Using Finite Element Analysis
Author and Paper number:	Paper AI-12 – Syaifulnizam Abd Manaf and Md Jan Nordin	Paper CA-20 – Rizal Yusof and Zarina Shukur
Title:	Review on Statistical Approaches for Automatic Image Annotation	Validating the Z Specification of Telephone Book System with Symbolic Execution
Author and Paper number:	Paper AI-16 - Siti Norul Huda Sheikh Abdullah and Marzuki Khalid	Paper CA-21 – Andik Setyono, Md. Jahangir Alam and Raed Ali Al-Saqour
Title:	License Plate Recognition Based on Support Vector Machine	Design and Study for the Algorithm of Multimedia Messaging Services (MMS) Framework in Message Delivery

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Parallel Session 4: 4.30-5.30pm Wednesday 5th August 2009		
Chairperson	Dr Suhardi	AP Dr Norbahiah Misran
Room	BK2	BK3
Track	Information System/Networks	Electrical Engineering
Author and Paper number:	Paper IS-14 Hira Laksmiwati and Pocut Vicarunnisa	Paper EE-20-Qamaruzzaman, A. Pradikta and P.A. Dahono
Title:	Design of RK-X Meta: A Methodology for Data Warehouse Development with Metadata Management Support	Analytical Prediction of The Inductances of Slotless Axial-Flux Permanent Magnet Synchronous Generator Using Quasi-3D Method
Author:	Paper IS-15 – Suhardi and Ayu Wulandri	Paper EE-14– Arief Syaichu-Rohman
Title:	Operability and Reliability Success Factors of Rural ICT Infrastructure	The Application of Input Constrained Controls on a Power Plant Model
Author and Paper number:	Paper AI-10 - Syaratul Ain Muhammed Hafiz, Jemaima Che Hamzah, Noraidah Sahara@Ashaari and Syariza Razak	Paper EE-15 Trio Adiono, Willy Anugrah Cahyadi and Amy Hamidah Salman
Title:	Development of Contact Lens Suitability System (ClenSyst)	DVB-T Synchronizer Architecture Design and Implementation
Author and Paper number:	Paper IS-19 – Kamsuriah Ahmad and Hamidah Ibrahim	Paper EE-16-Lily S. Patras, Ngapuli I. Sinisuka and Suwarno
Title:	Inferring Functional Dependencies for XML Storage	Pollution Index of The Outdoor Insulators in Switchyard Area at PT. PJP Papua Indonesia

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Parallel Session 5: 11.00-12.00noon Thursday 6 th August 2009		
Chairperson	En. Onn Azraai bin Puade	Cik Zuraidah Abdullah
Room	BM1	BK1
Track	Artificial Intelligence	Computer Application/ Multimedia/Software Engineering
Author and Paper number:	Paper AI-17 – Jaiganes Kanawathi, Siti Salasiah Mokri, Norazlin Ibrahim, Aini Hussain and Mohd Marzuki Mustafa	Paper CA-23 – Awang Hendrianto Pratomo, Mohd Shanudin Zakaria and Anton Satria Prabuwo
Title:	Motion Detection Using Horn Schunck Algorithm and Implementation	A Study on Image Calibration Technique for Autonomous Robot
Author:	Paper AI-05 – Nunik Noviana Kurniawati, Siti Norul Huda Sheikh Abdullah, Salwani Abdullah and Saad Abdullah	Paper CA-24 – Dimitri Mahayana and Sabat Anwari
Title:	Texture Analysis for Diagnosing Paddy Disease	Robust Adaptive Control for Robotic Manipulator Based on Chattering Free Variable Structure System
Author and Paper number:	Paper AI-19 - Arwin Datimaya Sumari, Adang Suwandi Ahmad, Aciek Ida Wuryandari and Jaka Sembiring	Paper IS-23-Amirah Ismail, Mike S. Joy, Jane E. Sinclair and Mohd Isa Hamzah
Title:	A New Information Inferencing Fusion Method for Intelligent Agents	A Metadata Taxonomy to Support Semantic Searching Algorithms in Metadata Repository
Author and Paper number:	Paper AI-20 – Agung W. Setiawan, Andriyan B. Suksmo and Tati L.R. Mengko	Paper CA-26 – Budi Sulisty, Budi Rahardjo, Dimitri Mahayana
Title:	A Comparative Study of Colour Retinal Image Coding Using Vector Quantization: K-Means & Fuzzy C-Means	On Applicability of Chaos Game Method for Block Cipher Randomness Analysis

Parallel Session 5: 11.00-12.00noon Thursday 6 th August 2009		
Chairperson	Puan Hamimi Fadziati	Dr. Trio Adiono
Room	BK2	BK3
Track	Information System/Networks	Electrical Engineering
Author and Paper number:	Paper IS-18– Junaidah Mohamed Kassim and Mahathir Rahmany	Paper EE-17 – Waluyo, Ngapuli I.S., Parouli M.P., Suwarno and Maman A.D., Lily S.P.
Title:	Introduction to Semantic Search Engine	Effect of Pressure on Discharge Current Harmonics of Porcelain Insulator Specimen
Author:	Paper IS-20 – Wahyu A. Arifiyanto and Kridanto Surendro	Paper EE-10 Achmad Munir and Vincent Fusco
Title:	Enterprise Architecture for E-Government in Indonesia	QPSK Reflector Based on Textured Surface Technology
Author and Paper number:	Paper IS-21 – Lovinta Happy Atrinawati and Kridanto Surendro	Paper EE-13 Suwarno and Fari Pratomosiwi
Title:	Assessment for Knowledge Management Readiness	Application of RTV Silicone Rubber Coating for Improving Performances of Ceramic Outdoor Insulator under Polluted Condition
Author and Paper number:	Paper IS-22-Norjansalika Janom and Mohamad Shanudin Zakaria	Paper EE-21 – Achmad Munir and Vincent Fusco
Title:	B2B E-Commerce Readiness Assessment Based on the Critical Success Factors	Dual Band Switchable Substrateless Frequency Selective Surfaces

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Parallel Session 6: 12.00-1.00pm Thursday 6th August 2009		
Chairperson	Cik Umi Asma Mokhtar	Dr. Nor Azan Hj. Mat Zain
Room	BM1	BK1
Track	Artificial Intelligence	Computer Application/ Multimedia/Software Engineering
Author and Paper number:	Paper AI-21 – Aciek Ida Wuryandari, Arwin Datumaya Wahyudi Sumari, Nopriansyah Maman Darusman and Nur Ichsan Utama	Paper CA-27 – Rinaldi Munir, Bambang Riyanto T., Sarwono Sutikno and Wiseto P. Agung
Title:	The Performance of Inteligent and Unintelligent Approaches on Aircraft Identification Tasks	Derivation of Barni Algorithm into Its Asymmetric Watermarking Technique Using Statistical Approach
Author:	Paper AI-22 - Andriyan Bayu Suksmo	Paper ME-01 – Nor Azan Mat Zin and Wong Seng Yue
Title:	Deconvolution of VLBI Images Based on Compressive Sensing	History Educational Games Design
Author and Paper number:	Paper AI-23 – Harry Septanto, Ary Setijadi Prihatmanto and Adi Indrayanto	Paper ME-02 – Dwi H. Widyantoro and Yus G. Vembrina
Title:	A Computer Cursor Controlled by Eye Movements and Voluntary Eye Winks Using a Single Channel EOG	Learning to Play Tic-Tac-Toe
Author and Paper number:	Paper AI-25 - Hasan Ahmadi Tirshizi and Hamidreza Tahmasebi	Paper ME-04 – Rosseni Din, Mohamad Shanudin Zakaria, Khairul Anwar Mastor, Norizan Abdul Razak and Siti Rahaya Ariffin
Title:	The Classification Based on Evidence Theory in Medical Data Mining	Measurement Model for Hybrid E-Training

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Parallel Session 6: 12.00-1.00pm Thursday 6th August 2009		
Chairperson	Puan Siti Salasiah	Dr. Achmad Munir
Room	BK2	BK3
Track	Information System/Networks	Electrical Engineering
Author and Paper number:	Paper NW-01 – Zahian Ismail, Rosilah Hasan, Ahmad Patel and Rozilawati Razali	Paper EE-22 - Agus Purwadi, Kus Adi Nugroho, Arwindra Rizqiwawan and Pekik Argo Dahono
Title:	A Study of Routing Protocol for Topology Configuraton Management in Mobile Ad Hoc Network	A New Approach to Synthesis of Static Power Converters
Author:	Paper NW-02 – Zulkarnain Md. Ali, Mohamed Othman, Mohd Rushdan Muhd Said and Md Nasir Sulaiman	Paper EE-23 -Agus Purwadi, Kus Adi Nugroho, Firman Sasongko, Kadek Fendy Sutrisna and Pekik Argo Dahono
Title:	Computation of Private Key for LUC Cryptosystem	Performance Evaluation and Control Technique of Large Ratio DC-DC Converter
Author and Paper number:	Paper NW-03 – M.K. Hasan, J. Sulaiman and M. Othman	Paper EE-24 – Hendra Rahmawan and Yudi Satria Gondokaryono
Title:	An Approximation Approach for Free Space Wave Propagation	The Simulation of Static Load Balancing Algorithms
Author and Paper number:	Paper CA-08 – J. Sulaiman, M.K. Hasan, M. Othman and Z. Yaacob	Paper EE-25 - Trio Adiono and Randy Saut Purba
Title:	Quarter-Sweep Arithmetic Mean Iterative Algorithm to Solve Fourth-Order Parabolic Equations	Scalable Pipelined CORDIC Architecture Design and Implementation in FPGA

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Parallel Session 7 2.30.0-3.30 pm Thursday 6 th August 2009		
Chairperson	Pn. Suhaila Zainuddin	Dr. Anton Satria Prabuwno
Room	BM1	BK1
Track	Artificial Intelligence	Computer Application/ Multimedia/Software Engineering
Author and Paper number:	Paper AI-26 – Woo Chaw Seng and Seyed Hadi Mirisae	Paper ME-05 – Hoo Meei Hao and Azizah Jaafar
Title:	A New Methods for Fruits Recognition System	Tracing User Interface Design Pre-requirement to Generate Interface Design Specification
Author:	Paper AI-24 – R. Darmakusuma, A.S. Prihatmanto and A. Indrayanto	Paper ME-07– Roslina Ibrahim and Azizah Jaafar
Title:	Easy Algorithm in Detecting Left/Right Eyes Movement for Playing Pinball	Educational Games (EG) Design Framework: Combination of Game Design, Pedagogy and Content Modelling
Author and Paper number:	Paper NW-20 – Alfa R. Yohannis and Husni Sastramihardja	Paper SE-01 – Afiza Ismail, Nazlia Omar and Abdullah Mohd Zin
Title:	Recognizing Deviants in Social Networking Sites: Case Study Fupei.com	Developing Learning Software for Children with Learning Disabilities through Block-Based Development Approach
Author and Paper number:	Paper CA-22- Shahmorbanun Sahran, Norzakiah Mohd Aminuddin, Haslina Arshad, Muriati Mukhtar	Paper SE-03 – Salmi Baharom and Zarina Shukur
Title:	Process Control Using Interactive Simulation in a Virtual Production System	Utilizing an Abstraction Relation Document in Grey-Box Testing Approach

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Parallel Session 7 2.30.0-3.30 pm Thursday 6 th August 2009		
Chairperson	Puan Wan Mimi Diyana	Dr Mohd Syuhaimi Abdul Rahman
Room	BK2	BK3
Track	Information System/Networks	Electrical Engineering
Author and Paper number:	Paper NW-06 – Haslinda Harun, Norleyza Jailani, Marini Abu Bakar, Mohamad Shanudin Zakaria and Salha Abdullah	Paper EE-26-T. Adiono, A. Maria. K., A. Hamidah S
Title:	A Generic Framework for Developing Map-Based Mobile Application	VLSI Architecture Design for Inverse-CABAC on H.264 Decoder
Author:	Paper IS-11– Abdul Rahman Mohamad Gobil, Zarina Shukur and Itaza Afiani Mokhtar	Paper EE-27 – Trio Adiono, Muh Syafiq Irsyadi, Yan Syafri Hidayat and Ade Irawan
Title:	Novice Difficulties in Selection Structure	64-point Fast Efficient FFT Architecture Using Radix-2³ Single Path Delay Feedback
Author and Paper number:	Paper NW-08 – Muhammad Islam, M.A. Hannan, S.A. Samad and A. Hussain	Paper EE-33 – Justin John Papu and Ong Hang See
Title:	Bit-Error-Rate (BER) for Modulation Technique using Software Defined Radio	Design of a Reconfigurable Computing Platform
Author and Paper number:	Paper NW-09 – Mina Mahdavi, Mahamod Ismail and Kasmiran Jumari	Paper EE-28 Sumaryadi, Tona Indora and Ngapuli Irmea Sinisuka
Title:	Load Balancing in Energy Efficient Connected Coverage Wireless Sensor Network	Harmonic Current Impact to Capability of Transformer #7 Pulogadung s/s

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Parallel Session 8: 3.30-4.30 pm Thursday 6 th August 2009		
Chairperson	Pn. Junaidah M Kassim	Dr. Kamsuriah Ahmad
Room	BM1	BK1
Track	Artificial Intelligence	Computer Application/ Multimedia/Software Engineering
Author and Paper number:	Paper AI-29 – Mehdi Heydari, Raded Ali Helal and Khairil Imran Ghauth	Paper NW-16 – Fazat Nur Azizah, Guido P. Bakema, Benhard Sitohang and Oerip S. Santo
Title:	A Graph-based Web Usage Mining Method Considering Client Side Data	Generic Data Model Patterns using Fully Communication Oriented Information Modeling (FCO-IM)
Author:	Paper AI-31 – Roslan Abdul Ghani, Mohd. Shanuddin Zakaria and Khairuddin Omar	Paper NW-12 – Aswir Premadi, Mohammad Syuhaimi Ab-Rahman, Ng Boon Chuan, Mohamad Najib Mohamad Saupe and Kasmiran Jumari
Title:	Jawi-Malay Transliteration	Application of PIC Microcontroller for Online Monitoring and Fiber Fault Identification
Author and Paper number:	Paper AI-32- Elvayandri Muchtar and Adang Suwandri	Paper NW-05- Mohd. Khairil Sailan, Rosilah Hassan and Ahmed Patel
Title:	A Collaborative Multi-Agent for Finding Genetic Regulatory Systems	A Comparative Review of IPv4 and IPv6 for Research Test Bed
Author and Paper number:	Paper EE-32- Bongkoj Sookananta	Paper NW-17 – Iput Heri K., Asep Bagja N., Randy S. Purba and Trio Adiono
Title:	Determination of FACTS Placement using Differential Evolution Technique	Very Fast Pipelined RSA Architecture Based on Montgomery’s Algorithm

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Parallel Session 8: 3.30-4.30 pm Thursday 6 th August 2009		
Chairperson	Dr Hussein Sharif	Dr Huda Abdullah
Room	BK2	BK3
Track	Information System/Networks	Electrical Engineering
Author and Paper number:	Paper NW-13 – Mohammed Syuhaimi Ab-Rahman and Mazen R. Hassan	Paper EE-30 – Tri D. Rachmildha, Arwindra Rizqiawan and Yanuarsyah Haroen
Title:	Temperature-Pattern Dependence of Initial Carrier Density of High-Speed Digitally Modulated Uncooled Semiconductor Laser Diodes: Theoretical Analysis	A Study of Combined System of Capacitor Bank and Shunt Active Power Filter
Author:	Paper NW-10 – Ng Boon Chuan, Mohammad Syuhaimi Ab-Rahman, Aswir Premadi and Kasmiran Jumari	Paper EE-35- N.Z. Yahaya and F.H. Ramle
Title:	Application of SANTAD in Network Monitoring and Fault Detection of FTTH-PON	Performance Analysis of Si Schottky Diode Family in DC-DC Converter
Author and Paper number:	Paper NW-11 – Siti Asma Che Aziz, Mohamad Syuhaimi Ab-Rahman, Siti Rahayu Hassan and Kasmiran Jumari	Paper EE-38– Dimitri Mahayana and Sabat Anwari
Title:	Restoration Scheme Implementation in Automatic Protection Unit for FTTH Passive Optical Network	Robust Chattering Free Adaptive Neuro Sliding Mode Control for SVC System
Author and Paper number:	Paper NW-14 – Mohammed Syuhaimi Ab-Rahman and Mazen R. Hassan	Paper EE-09 - Reynaldo Zoro and Tulus Leo
Title:	Lock-on Range of Infrared Heat Seeker Missile	Lightning Protection System Improvement on Extra High Voltage 500 Kv Transmission Lines in Indonesia using Extended Mast Terminal

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Parallel Session 9: 10.30-11.30 am Friday 7th August 2009		
Chairperson	Dr. Rozilawati Razali	En. Onn Azraai bin Puade
Room	BM1	BK1
Track	Artificial Intelligence	Computer Application/ Multimedia/Software Engineering
Author and Paper number:	Paper AI-27 – Melkamu H. Asmare, Vijanth S. Asirvadam and Lila Iznita	Paper EE-34 - Made Andik Setiawan
Title:	Image Enhancement: A Composite Image Approach Using Contourlet Transform	Feasibility Study of Solar Power Massive Usage in Indonesia: Yield Versus Cost-Effective
Author:	Paper AI-28 - Noor Maizura Mohamad Noor and Rosmayati Mohamad	Paper EE-31 - Suwarno, Caesario P. and Anita P.
Title:	Overview of Multi Intelligent Agents in Decision Support System	Partial Discharge Diagnosis of Gas Insulated Station (GIS) Using Acoustic Method
Author and Paper number:		Paper EE-43 -Nana Heryana, Firman Sasongko and Pekik Argo Dahono
Title:		Study and Implementation of Energy Conservation in a Small Cottage

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Parallel Session 9: 10.30-11.30 am Friday 7th August 2009		
Chairperson	Dr Hannan	Dr Badariah Bais
Room	BK2	BK3
Track	Information System/Networks	Electrical Engineering
Author and Paper number:	Paper NW-15 – Savitri Galih, Riafeni Karlina, Fijin Nugroho, Ade Irawan, Trio Adiono and Adit Kurniawan	Paper EE-18 - Zulkifli M., Yudhanto Y.P. , Soetharyo N.A. and Adiono T.
Title:	High Mobility Data Pilot Based Channel Estimation for Downlink OFDMA System Based on IEEE 802.16e Standard	Reduced Stall MIPS Architecture using Pre-Fetching Accelerator
Author:	Paper NW-18 – Mohd Nazri Ismail	Paper EE11 – Ngapuli I. Sinisuka, Waluyo, Suwarno and Maman A. Djauhari
Title:	Implementation of Video Voice Over IP in Local Area Network Campus Environment	Impedances and Surface Conditions of Naturally Coastal-Polluted Epoxy Resin Insulators
Author and Paper number:	Paper NW-19 Nur Afny C. Andryani, Vijanth. S. Asirvadam and N.H. Hamid	Paper EE-12 - Fari Pratomosiwi and Suwarno
Title:	Finite Difference Approach on RBF Networks for On-line System Identification with Lost Packet	Electrical Equivalent Circuit of Ceramics Insulators with RTV Silicone Rubber Coated and Computer Simulation of Leakage Current