

ICoMMS'09 Tentative Schedule

Session 1A: BIO MEDICAL 1

Chair: Prof. Dr. T. Manigandan

Co-Chair: Mr. Fathinul Syahir Bin Ahmad Sa'ad

Date: Monday, 12 October 2009

Time: 11:30 AM- 1:00 PM

Venue: Jasmine Room

Paper Title No	Paper Title and Author
25893	<p>Modified Energy based Time-Frequency Features for Classifying Human Emotions using EEG M.Murugappan, R.Nagarajan, and S Yaacob School of Mechatronic Engineering, Universiti Malaysia Perlis (UniMAP) MALAYSIA.</p>
43670	<p>Neural-tuned PID Controller for Point-to-point (PTP) Positioning System: Model Reference Approach Wahyudi and Wali Ahmad (a) Myo Min Htut Intelligent Mechatronics Research Unit, Department of Mechatronics Engineering, Faculty of Engineering, International Islamic University MALAYSIA.</p>
52098	<p>A Study of Noise Effect on the Fast Brain Activity N.F Mohammad, N.A.Saidatul, M.R Tamjis Universiti Malaysia Perlis, Malaysia. MALAYSIA.</p>
55782	<p>Surface Electromyography Signal Processing and Application: A Review A. N. Norali, M.H. Mat Som School of Mechatronics Engineering, Universiti Malaysia Perlis, MALAYSIA.</p>
78510	<p>Detection of Corpus Collosum using DTI Tractograph Mohd Yusof Baharuddin, Biomedical Electronics Engineering Program, Schools of Mechatronics, University Malaysia Perlis, Malaysia. Biomedical Engineering Departments, University of Melbourne, AUSTRALIA.</p>
81068	<p>Determination Of Stress Index: Approach And Challenges Syahrull Hi-Fi Syam b Ahmad Jamil, Sazali Yaacob, Paulraj M.P, Ku Halim bin Ku Ariffin, School of Mechatronic Engineering, Universiti Malaysia Perlis (UniMAP), MALAYSIA.</p>
85130	<p>Computational Modeling of Caspase Activated DNAase (CAD) Regulation towards Apoptosis Mohd Yusof Baharuddin, Biomedical Electronics Engineering Program, Schools of Mechatronics, University Malaysia Perlis, Malaysia</p>

Session 1B: Object Recognition, Power and Machines

Chair: Prof. Dr. N. Devarajan

Co-Chair: Mr. Muhammad Juhairi Aziz Bin Safa

Date: Monday, 12 October 2009

Time: 11.30 AM- 1:00 PM

Venue: Rafflesia Room

Paper Title No	Paper Title and Author
26112	Investigation of Rolling and Hard Direction of Magnetic Field istribution on Grain Oriented M5 Electrical Steel Material I. Daut, K. Anayet, HS. Syafruddin, M. Irwanto School of Electrical Systems Engineering, Power Electronics and Electrical Machine Design Research Cluster, MALAYSIA.
45017	An Innovative Approach for Energy Conservation in Induction motor V.Chandrasekaran Department of Electrical & Electronics Engineering, Sri Krishna College of Engineering and Technology, INDIA. T.Manigandan Dean, School of Electrical Sciences, Kongu Engineering College, INDIA.
62800	Sports Video Analysis for Player Strength and weakness psychiatry in the context of Object-Relational Data Bases P.UmaMaheswari, M.Rajaram,S.N.Sivanandam. Computer Science and Engineering , Sona College of Technology Anna University , INDIA.
77163	Security and Scalability of MANET Routing Protocols in Homogeneous & Heterogeneous Networks T.V.P. Sundararajan, P.Karthik, A. Shanmugam Bannari Amman Institute Of Technology, Sathyamangalam, INDIA
78800	ARME Appliance: The New Design of Rapid Maxillary Expansion Appliance A. A. Sharizli, University Malaysia Pahang / Faculty of Electrical and Electronics Engineering, MALAYSIA N.A. Abu Osman, A.A. Saifizul, University Malaya / Department of Biomedical Engineering, MALAYSIA.
89091	Simulation Model of Power Quality Provider P.A. Venkatachalam K.Chandrasekaran Mohd Noh Karsiti K.S.RamaRao Electrical and Electronic Engineering Department, Universiti Teknologi PETRONAS, MALAYSIA.
96880	Shape Matching and Object Recognition Using Dissimilarity Measures with Hungarian Algorithm D. Chitra, N. Devarajan Department of EEE, Government College of Technology Coimbatore, INDIA T. Manigandan School of Electrical Sciences, Kongu Engineerng College, INDIA

Session 1C: Bio Medical 2

Chair: Prof. Dr. Rajaram
Co-Chair: Mrs. Hema C.R.
Date: Monday, 12 October 2009
Time: 11.30 AM - 1:00 PM
Venue: Grand Ballroom

Paper Title No	Paper Title and Author
11908	A Preliminary Study of Noise Effect on Pulse Rate, Blood Pressure and EEG Signal Saidatul, N.F Mohammad, M.R Tamjis, Sazali Yaacob Universiti Malaysia Perlis, MALAYSIA.
14671	ECG Viewed using Grayscale Patterns Vijanth Department of Fundamental and Applied Science, Universiti Teknologi PETRONAS S. Asirvadam, Kaur Seth Pital, Lila Iznita Izhar and Noor Anis A.M.Khuzi Department of Electrical and Electronics, Universiti Teknologi PETRONAS, MALAYSIA.
20017	Diagnosis of Coronary Artery Disease Using Artificial Intelligence Based Decision Support System Noor Akhmad Setiawan, P.A. Venkatachalam and Ahmad Fadzil M.Hani Department of Electrical and Electronic Engineering, Universiti Teknologi PETRONAS, MALAYSIA
63832	Separation of Heart Sounds & Lung Sounds using Independent Component Analysis B.HemaKumar, R.Anandanatarajan Department of Electronics and Instrumentation Engineering, Pondicherry Engineering College, INDIA.
81587	On the Chaotic Nature of Biological Signals Using Nonlinear Data Analysis Methodology Azian Azamimi Abdullah, School of Mechatronic Engineering, Universiti Malaysia Perlis, Perlis, MALAYSIA Yoshifumi Nishio Department of Electrical and Electronic Engineering, The University of Tokushima, Tokushima, JAPAN

Paper Title No	Paper Title and Author
89379	<p>A Certain Investigations on the Performance Issues of Smart Antennas for Cellular Mobile Communications T.Gunasekaran, S.Manisankar, K.Parthiban, I.Periyasamy, R.Sivakumar Bannari Amman Institute of Technology, INDIA. K.R.Shankar Kumar Sri Ramakrishna Engineering College, INDIA.</p>
90380	<p>Brain Machine Interface based Wheelchair Control with Minimal Subject Training Hema C.R., Paulraj M.P., S.Yaacob, A.H. Adom, R. Nagarajan School of Mechatronic Engineering, Universiti Malaysia Perlis, Jejawi, Perlis, MALAYSIA.</p>

Session 2A: Image Processing

Chair: Assoc.Prof. Dr. Paulraj M.P.

Co-Chair: Miss Azian Azamimi Binti Abdullah

Date: Monday, 12 October 2009

Time: 3.30 PM - 6:00 PM

Venue: Jasmine Room

Paper Title No	Paper Title and Author
19099	<p>Facial Emotion Detection using Guided Particle Swarm Optimization (GPSO) Bashir Mohammed Ghandi, R. Nagarajan and Hazry Desa School of Mechatronic Engineering, Universiti Malaysia Perlis (UniMAP), MALAYSIA.</p>
34651	<p>Application of Thresholding Technique in Determining Ratio of Blood Cells for Leukemia Detection Abdul Nasir, A. S., Mustafa, N., Mohd Nasir, N. F. School of Mechatronic Engineering, Universiti Malaysia Perlis, MALAYSIA.</p>
34698	<p>Wireless Cameras Network for Intelligent Traffic Surveillance System Zainab Nazar Khalil Wafi, R.B. Ahmad School of Computer and Communication Engineering, University Malaysia Perlis, MALAYSIA. Paulraj M P School of Mechatronic Engineering, University Malaysia Perlis, MALAYSIA.</p>
34991	<p>Contrast Enhancement for medical images based on histogram equalization followed by median Filter P. Jagatheeswari, S.Suresh Kumar Department of EEE, Udaya School of Engineering, Tamilnadu, INDIA. M. Rajaram Department of EEE, Government College of Engg., Tamilnadu, INDIA.</p>
49701	<p>Colour Image Enhancement using Bright and Dark Stretching Techniques for Tissue based Tuberculosis Bacilli Detection M.K. Osman M.Y. Mashor Electronic & Biomedical Intelligent Systems (EBITs) Research Group, School of Mechatronic Engineering, Universiti Malaysia Perlis, MALAYSIA. H. Jaafar Department of Patology, School of Medical Science, Universiti Sains Malaysia, MALAYSIA</p>
59467	<p>Homogeneous and Non-homogeneous Media Identification and Circuitry Design of Multiphase Ultrasonic Tomography Mohd Rizal Manan, Mohd Hafiz Fazalul Rahiman, Sazali Yaacob Tomography Imaging Research Group, School of Mechatronic Engineering Universiti Malaysia Perlis, MALAYSIA. Ruzairi Abdul Rahim Process Tomography Research Group (PROTOM), Department of Control and Instrumentation Engineering, Faculty of Electrical Engineering, Universiti Teknologi Malaysia, UTM Skudai, Johor, MALAYSIA</p>

Paper Title No	Paper Title and Author
75173	<p>2D Upper Human Body Pose Modelling Using Windowing and Template Matching Techniques R. R. Porle, A. Chekima, F. Wong, School of Engineering and Information Technology Universiti Malaysia Sabah, Sabah, MALAYSIA G. Sainarayanan ICT Academy of Tamil Nadu, ELCOT Complex, 2-7 Developed Plots, Industrial Estate, INDIA.</p>
82377	<p>Visualization and Image Analysis of Power Transmission Network Using Mathematical Morphology Techniques S.U.Prabha, C.Venkateshaiah and M.Senthil Arumugam FET,Multimedia University, Melaka Campus, MALAYSIA</p>
85392	<p>Color Image Denoising and Contrast Enhancement in Contourlet Domain Melkamu. H. Asmare, Vijanth S. Asirvadam, Lila Iznita Department of Electrical and Electronic Engineering, Universiti Teknologi PETRONAS, MALAYSIA</p>
89015	<p>Ultrasound Processing Circuitry for Ultrasonic Tomography Nor Muzakkir Nor Ayob, Mohd Hafiz Fazalul Rahiman, Sazali Yaacob Tomography Imaging Research Group, School of Mechatronic Engineering, Universiti Malaysia Perlis, MALAYSIA. Ruzairi Abdul Rahim Process Tomography Research Group (PROTOM), Control and Instrumentation Engineering Department, Universiti Teknologi Malaysia, MALAYSIA.</p>
97328	<p>Design And Development Of Stereo Motion For Mobile Observation Center Muhammad Naufal Mansor , Sazali Yaacob , R. Nagarajan,M.Hariharan Universiti Malaysia Perlis (UniMAP), MALAYSIA.</p>

Session 2B: FUZZY AND NEURAL 1

Chair: Prof. Dr. Mohd. Yusoff Mashor

Co-Chair: Mr. Mohd Shuhanaz Zener Azalam

Date: Monday, 12 October 2009

Time: 3.30 PM - 6:00 PM

Venue: Rafflesia Room

Paper Title No	Paper Title and Author
11639	Multi-criteria Fuzzy Regression Model for Evaluating Oil Palm Grading A. Nureize, J. Watada Graduate School of Information, Production and System, Waseda University, JAPAN
23686	Design Representation of the Multipurpose Fuzzy Logic Controller using Hardware Description Language Zeyad Assi Obaid, Nasri Sulaiman and M. N. Hamidon, Mohammed Obaid Ali Department of Electrical & Electronic Engineering, Faculty of Engineering, University Putra Malaysia, MALAYSIA
23981	Automatic Generation of Swarm Robotic Behaviors using Multi-objective Evolution Chin Kim On, Jason Teo, Azali Saudi Evolutionary Computing Laboratory, School of Engineering and Information Technology, Universiti Malaysia Sabah, MALAYSIA.
43460	Motorbike Engine Faults Diagnosing System Using Entropy and Functional Link Neural Network in Wavelet Domain Paulraj M P, Sazali Yaacob, Mohd Zubir Md Zin School of Mechatronics Engineering, Universiti Malaysia Perlis (UniMAP), Perlis, MALAYSIA.
49081	Genetic Neuro Controller Based Direct Torque Control For Switched Reluctance Motor Drive. Veena P & Jeyabharath R K.S.Rangasamy College of Technology, Tamil Nadu, INDIA. Rajaram M Govt.College of Engg, Tirunelveli, Tamil Nadu, INDIA. S.N.Sivanandam P.S.G.College of Technology, Coimbatore, Tamil Nadu, INDIA
57215	A Speech Recognition System for Malaysian English Pronunciation Using Neural Network Paulraj M P, Sazali Bin Yaacob, Sathees Kumar School of Mechatronic Engineering, Universiti Malaysia Perlis, MALAYSIA. Ahamad Nazri Centre for Communication Skills & Entrepreneurship, University Malaysia Perlis, MALAYSIA.

Paper Title No	Paper Title and Author
58222	<p>Color Recognition Algorithm using a Neural Network Model in Determining the Ripeness of a Banana Paulraj M P, Hema C.R, R.Pranesh Krishnan School of Mechatronic Engineering, Universiti Malaysia Perlis (UniMAP), Perlis, MALAYSIA. Siti Sofiah Mohd Radzi Electronics and Electrical Engineering with Communication, University of Sheffield, ENGLAND.</p>
62413	<p>Offense/Defense Decision-Making Controller for a Billiard Robot Jr-Syu Yang, Chan-Yun Yang, Chia-Hsiao Liu Associate professor, Department of Mechanical and Electro-Mechanical Engineering, Tamkang University, TAIWAN.</p>
64686	<p>A High Performance DTC Strategy for Torque Ripple Minimization Using duty ratio control for SRM Drive Veena P & Jeyabharath R K.S.Rangasamy College of Technology, Tamil Nadu, INDIA. Rajaram M Govt.College of Engg, Tamil Nadu, India. S.N.Sivanandam P.S.G.College of Technology, Tamil Nadu, INDIA.</p>
64799	<p>Early diagnosis of Ischemia stroke using neural network Anita Thakur, Surekha Bhanot, Birla Institute of Technology and Science, Pilani, Rajasthan, INDIA. S.N.Mishra Shinas college of Technology, Sultanate of Oman</p>

Session 3A: INFORMATION TECHNOLOGY

Chair: Prof. Dr. C.P. Lim

Co-Chair: Miss Siti Marhainis Binti Othman

Date: Tuesday, 13 October 2009

Time: 9.20 AM - 11:20 AM

Venue: Jasmine Room

Paper Title No	Paper Title and Author
56394	Design of reconfigurable antenna array for WLAN and WIMAX application. R. Saranya Department of Electronics and Communication Engineering, Adithya Institute of Technology, INDIA. K. RamPrakash Kumaraguru College Of Technology, INDIA.
59914	Developing an Autonomous Mobile Robot and a Study of Navigation towards Nonholonomic problems Rudzuan Mohd Nor, Hazry Desa, Mohd Sofian M. Rosbi and R.Nagarajan School of Mechatronic Engineering, Universiti Malaysia Perlis, MALAYSIA.
62522	DES Enabled Fingerprint System Gobinath Subramaniam, Kalyani Subramanian, Senthil Raja Balakrishnan, Baskaran Kaliaperumal Government College of Technology, India
65961	Secure Data Communication for Mobile Ad Hoc Network Using Zonal Routing Protocol S. Dhanalakshmi Professor & Head, Department of MCA, Selvam College of Technology, INDIA M. Rajaram Department of EEE, Government College of Engineering , INDIA. S.N. Sivanandham Department of CSE, PSG Tech., INDIA.
76315	A new approach for convert multiply-connected trees in Bayesian networks Hussein Baloochian, Alireza khantimoory, Saeed Balochian Islamic Azad university branch of zanzan, IRAN.
89565	Authenticated Collaborative Key Agreement for Dynamic Peer Groups M.Rajaram Prof / EEE, Govt Colleg of Engineering, INDIA. D.Thilagavathy Research Scholar, Adhiyamaan College of Engg, INDIA.

Paper Title No	Paper Title and Author
89893	<p>Development of Attitude Control System on RCM3400 Microcontroller for Nano-Satellite Applications Muhyi Yaakop, Sazali Yaacob, M Harihran, R. Nagarajan School of Mechatronic, Universiti Malaysia Perlis, MALAYSIA Abdul Rahman Mohd Saad School of computer and communication, Universiti Malaysia Perlis, MALYASIA</p>
96433	<p>An Efficient Variant Signature Scheme on ECDSA M.Prabu Research Scholar, Anna University-Coimbatore, INDIA. R.Shanmugalakshmi Department of CSE, Government College of Technology, INDIA</p>

Session 3B: ROBOTICS 1

Chair: Prof. Madya Dr. Abdul Hamid Adom

Co-Chair: Mr. Jefri Efendi Mohd Salih

Date: Tuesday, 13 October 2009

Time: 9.20 AM - 11:20 AM

Venue: Rafflesia Room

Paper Title No	Paper Title and Author
15068	<p>How Does "Modular Hierarchical Architecture Concept" Help Us to Enhance Robot's Function? M.Taheri, S.H.Mohades Kasaei, S.M.Mohades Kasaei Institute of Robotics and Intelligent Systems, Islamic Azad University, IRAN</p>
25239	<p>Modeling and Implementation of Omni-directional Soccer Robot with Wide Vision Scope Applied in Robocup-MSL S.Hamidreza Kasaei, S.Mohammadreza Kasaei, S.Alireza Kasaei, Mohsen Taheri Islamic Azad University – Khorasgan Branch, IRAN.</p>
33253	<p>Design of a sequential control circuit for an industrial robot using cascading method S. Malayappan Principal, Saranathan College of Engineering, INDIA. K. Arul Raj, S. Sathya Arunachalam, Department of Mechanical Engineering, Einstein College of Engineering, INDIA. S. Venugopal, Scientist, Robotics section, Indira Gandhi centre for Atomic research, INDIA. D. Ramalingam Professor, Department of Mechanical Engineering, Drist University, INDIA</p>
36249	<p>Active Stereo Vision Based System for Estimation of Mobile Robot Orientation using Composition Matrix Paulraj M P Hema C.R MHA Hamid School of Mechatronic Engineering University Malaysia Perlis (UniMAP), MALAYSIA. Fadzilah Hashim R. Badlishah Ahmad School of Computer and Communication Engineering, University Malaysia Perlis (UniMAP), MALAYSIA</p>
56867	<p>ROVI: A Robot for Visually Impaired for Collision- free Navigation A. Allan Melvin, B. Prabu, R. Nagarajan , Bukhari Illias School of Mechatronic Engineering, Universiti Malaysia Perlis, MALAYSIA.</p>

Paper Title No	Paper Title and Author
71423	<p>Design and Implementation a Robust Structure and Fuzzy Rule-Based Motion Controller for a Humanoid Soccer Robot S.Alireza Kasaei, S.Hamidreza Kasaei, S.Mohammadreza Kasaei, Mohsen Taheri Islamic Azad University – Najaf Abad Branch, Young Researchers Club, Isfahan , IRAN</p>
84222	<p>Developing Stereo Vision System for Object Recognition and Positioning of AMAD-R Mobile Robot Mohd Saifizi Saidon, Hazry Desa, Paulraj Murugesu, and Mohd Sofian M. Rosbi School of Mechatronic Engineering, Universiti Malaysia Perlis, MALAYSIA.</p>

Session 4A: Control

Chair: Prof. Dr. R. Nagarajan

Co-Chair: Mrs. Hasimah Ali

Date: Tuesday, 13 October 2009

Time: 11.30 AM - 1:00 PM

Venue: Jasmine Room

Paper Title No	Paper Title and Author
10625	Vibration Suppression of a Handheld Tool Using Active Force Control with Crude Approximation Method M.F. Hassan A. Juliawati Faculty of Mechanical Engineering, Universiti Malaysia Pahang, MALAYSIA. M. Mailah Department of Applied Mechanics, Faculty of Mechanical Engineering, Universiti Teknologi Malaysia, MALAYSIA. M.A. Salim Faculty of Mechanical Engineering, Universiti Teknikal Malaysia Melaka, MALAYSIA.
15467	2-D Analysis Based ILC for Linear Time-Variant Discrete Systems with Multiple Time Delays Lim Eng Aik Institut Matematik Kejuruteraan, Universiti Malaysia Perlis, MALAYSIA.
48755	Dynamic Role Engine and Formation Control for Cooperating Agents S.Hamidreza Kasaei, S.Mohammadreza Kasaei, S.Alireza Kasaei, Mohsen Taheri Islamic Azad University – Khorasgan Branch, IRAN.
63499	NCTF Control Method of Two Mass System for PTP Positioning Fitri.MY Department of Electrical Engineering, UTM International Campus, MALAYSIA. Wahyudi and R. Akmeliawati, and Andika A.Wijaya Department of Mechatronic Engineering International Islamic University Malaysia (IIUM), MALAYSIA.
86041	Genetic Algorithm Tuning Based PID Controller for Liquid-Level Tank System Mohammed Obaid Ali, S. P. Koh, K. H. Chong, S.K.Tiong and Zeyad Assi Obaid Department of Electronics and Communication Engineering, Universiti Tenaga Nasional, MALAYSIA

Session 4B: FUZZY AND NEURAL 2, INSTRUMENTATION**Chair: Prof. Dr. Srikanth Patnaik****Co-Chair: Assoc. Prof. Dr. Paulraj M P****Date: Tuesday, 13 October 2009****Time: 11.30 AM - 1:00 PM****Venue: Rafflesia Room**

Paper Title No	Paper Title and Author
44051	Virtual Harmonic Analyser – Harmonic Analysis and Estimation of THD using LabVIEW N.Senthilnathan Research Scholar, Department of EEE, Kongu Engineering College, INDIA. T.Manigandan Professor & Dean, School of Electrical Sciences Kongu Engineering College, INDIA.
80967	Remotely Navigated Mobile Platform Using Voice Command Khairulnizam Othman K.Sundaraj Universiti Malaysia Perlis (UniMAP), MALAYSIA.
94342	FPGA configuration on Xilinx ML506 Development Board through the USB port in C/HDL Kushal Sreedhar Department of Electronics and Communication Engineering RNS Institute of Technology, INDIA.
97133	Speech Processing of Malay Velar Words using PSD Mohd Yusof Baharuddin Biomedical Electronics Engineering Program, Schools of Mechatronics, University Malaysia Perlis, MALAYSIA.
99070	Development of Man-Machine Interface Using Matlab: An Adaptive Network-Based Fuzzy Inference System Modeling For Laser Machining Sivarao, M.S.Rizal, A.Tajul, Taufik Faculty of Manufacturing Engineering, Universiti Teknikal Malaysia Melaka, Ayer Keroh, Melaka, MALAYSIA.
99780	Development of Intelligent Portable Electronic Nose A.H. Abdullah, A.H. Adom, A.Y. Md Shakaff, M.N. Ahmad, A. Zakaria, M.A. Markom, E.S.Tan, N.A. Fikri, R.A. Siregar, M.A. Saad Sensor Technology and Application Cluster Research Universiti Malaysia Perlis, MALAYSIA.

Session 5A: ROBOTICS 2, COMMUNICATION AND INTERFACE

Chair: Prof. Momoh J E Salami

Co-Chair: Mr. Fahisal Abdullah

Date: Tuesday, 13 October 2009

Time: 3.30 PM - 6:00 PM

Venue: Jasmine Room

Paper Title No	Paper Title and Author
19345	<p>Developing a Knowledge Based Group Decision Support System With Reference to Cognitive Analysis in India K. Raja CSE, Narasu's Sarathy Institute of Technology, Salem, INDIA. S.K. Srivatsa ECE, St.Joseph's College of Engineering, Chennai, INDIA. C.Umapathi CSE, Sathyabama University, Chennai, INDIA.</p>
21215	<p>Autonomous Soccer Robot Using Triple Infra-red Sensor for Ball Detection M. H. Ali, A. A. Shafie, M. F. Alias International Islamic University Malaysia, P.O Box 10, 50278, MALAYSIA</p>
31634	<p>SIMULTANEOUS LOCALIZATION AND MAP BUILDING – A GUIDED TOUR William Low, R. Nagarajan, Sazali Yaacob School of Mechatronics Engineering, University Malaysia Perlis, MALAYSIA.</p>
41158	<p>Study of Real Time Database Management System (RTDBMS) on Inventory system D.Hazry, M.R.M.Sofian, M.R.Muhamad Fadhlan Autonomous System and Machine Vision Lab, School of Mechatronic Engineering, Universiti Malaysia Perlis, MALAYSIA</p>
47305	<p>A Study of Infrastructure for Real-Time Location System D.Hazry, M.Sofian, M.Zahiruddin Autonomous and Machine Vision Lab, Mechatronics Engineering, School of Mechatronic Engineering Universiti Malaysia Perlis, MALAYSIA</p>
54721	<p>Study of Integration 2.4GHz and 5.8GHz in RFID Tag Hazry Desa, M.Sofian, Shaiful Zairi Autonomous System and Machine Vision Group, Universiti Malaysia Perlis, Malaysia.</p>
87689	<p>Study of Control Signal for Quadrotor UAV D.Hazry M.R, Mohd Sofian, M.D.Muhamad Firdaus Autonomous System and Machine Vision Laboratory, School of Mechatronic, Universiti Malaysia Perlis, 01000 Kangar, Perlis, MALAYSIA.</p>
93945	<p>Study of Inertial Measurement Unit Sensor D. Hazry, M. Sofian, A. Zul Azfar Autonomous System and Machine Vision Laboratory, School of Mechatronic, Universiti Malaysia Perlis, MALAYSIA.</p>

Session 5B: FUZZY AND NEURAL 3

Chair: Dr. Hazry Bin Desa

Co-Chair: Mr. Khairul Ali Hassan

Date: Tuesday, 13 October 2009

Time: 3.30 PM - 6:00 PM

Venue: Rafflesia Room

Paper Title No	Paper Title and Author
70513	Neuro-Fuzzy based Motor Imagery Classification for a Four Class Brain Machine Interface Hema C.R, Paulraj M.P, S. Yaacob, A.H. Hamid, Nagarajan R School of Mechatronic Engineering , Universiti Malaysia Perlis, MALAYSIA.
75518	Two Axis Adaptive Predictive Fuzzy Logic Controller for a Pico-satellite R. Nagarajan, Paulraj M P, Sazali Yaacob, Zaridah Mat Zain School of Mechatronic, Universiti Malaysia Perlis, MALAYSIA Warren Soh Kay Hoh, Ahmad Sabirin Arshad Astronautic Technology (M) Sdn Bhd MALAYSIA.
76266	Fuzzy Variable Structure Control with Reduced-order Observer for Micro Satellite Stabilization in Space Rosfariedzah Rusli, R. Nagarajan, Muhajir Rahim School of Mechatronic Engineering, Universiti Malaysia Perlis, MALAYSIA
78440	Analysis of Voice and Sentence Repetition using FSL Mohd Yusof Baharuddin Biomedical Electronics Engineering Program, Schools of Mechatronics, University Malaysia Perlis, MALAYSIA
79406	Speaker Verification Based on Speech Signal Shariffah Fauziah Jap, Ali Chekima, Mazlina Mamat, Wan Mahani Abdullah School of Engineering and Information Technology, University Malaysia Sabah, MALAYSIA.
80124	Damage Detection in Steel Plates using Discrete Cosine Transformation Techniques and Artificial Neural Network Paulraj M P, Mohd Shukry A M, Sazali Yaacob, Mohd Hafiz F R, R Pranesh Krishnan School of Mechatronics Engineering, Universiti Malaysia Perlis, MALAYSIA.
89779	Overview of Automatic Stuttering Recognition System Lim Sin Chee, Ooi Chia Ai, Sazali Yaacob Universiti Malaysia Perlis, MALAYSIA

Paper Title No	Paper Title and Author
90825	<p>Development and Application of An Enhanced ART-Based Neural Network Keem Siah Yap Department of Electronics & Communication Engineering, Universiti Tenga Nasional, MALAYSIA Chee Peng Lim, Junita Mohamed Saleh School of Electrical & Electronic Engineering, Universiti Sains Malaysia, MALAYSIA Eric W.M Lee Department of Building and Construction, City University of Hong Kong, Hong Kong, CHINA</p>
92307	<p>DESIGNE OF AN ADAPTIVE NEURO-FUZZY POSITION CONTROLLER FOR A PNEUMATIC SYSTEM Mostafa Marandi Division of Mechatronics, Semnan university of Technology, Mashad, IRAN. Sassan Azadi Division of Electronic, Semnan university of Technology, IRAN.</p>
99770	<p>Design of Neural PID Controller For Reduced Order Model P.Gomathi, T.Manigandan, Kongu Engineering College, Erode, India. N.Devarajan Government College of Technology, Coimbatore, India.</p>