

ISITS'07 PROGRAM

DAY 1 (Tuesday, 30th Oct 2007)	
TIME	PROGRAM
8.00am – 9.00am	Registration/ Arrival of Guests
9.00am – 9.20am	Opening Ceremony / Du'a Welcoming Speech by Assoc. Prof. Dr. Abd Rahman Ramli Chairman ISITS'07
9.20am – 9.45am	Officiating Speech by Prof. Dr. Ir. Barkawi Sahari Director, Institute of Advanced Technology
9.45am – 10.00am	TEA BREAK
10.00am – 11.00am	Invited Paper " Wireless Sensor Network" <i>Dr. Mohd Fadlee A Rashid</i> <i>Department of Computer and Communication Systems Engineering,</i> <i>Faculty of Engineering, UPM</i>
SESSION 1	
Chairperson : Dr. Mohammad Hamiruce Marhaban	
11.00am – 11.15pm Paper 1	Toward a Dynamic Trust Metric <i>Fatemeh Azimzadeh, Abd Rahman Ramli, Mohammad Javad Kargar(UPM)</i>
11.15am – 11.30am Paper 2	Advanced Processing of UPM-APSB's AISA Airborne Hyperspectral Images for Individual Timber Species Identification and Mapping. <i>Hj. Kamaruzaman Jusoff (UPM)</i>
11.30am – 11.45am Paper 3	Rule Extraction on Dengue Dataset Using Apriori and Rough Classifier <i>Mohamad Farhan Mohamad Mohsin, Azuraliza Abu Bakar(UUM)</i>
11.45am – 12.00pm Paper 4	Face Recognition Based on Eigenfaces and Fuzzy Artmap Neural Network <i>Jamikaliza Abdul Karim, Shahrin Azuan Nazeer, Mat Kamil Awang, Nazarudin Omar, Rubiyah Yusof (TM R&D)</i>
12.00pm - 12.15pm Paper 5	Improved Methods For Transient Stability Assessment Of A Power System Using PNN And LS-SVM <i>Noor Izzri Abdul Wahab, Azah Mohamed, Aini Hussain (UKM)</i>
12.15pm - 12.30pm Paper 6	Sliding Mode Control of an Active Magnetic Bearing System <i>Abdul Rashid Husain, Mohamad Noh Ahmad and Abdul Halim Mohd. Yatim (UTM)</i>
LUNCH	
SESSION 2	
Chairperson : Dr. M. Iqbal Saripan	
2.30pm - 2.45pm Paper 7	A New Technology For Oil Palm Lai And Yield Prediction <i>M. A. Awal and W. I. Wan Ishak (ITMA, UPM)</i>
2.45pm - 3.00pm Paper 8	Automated Paddy Rice Color Recognition Suitable For Harvesting <i>Athirah A. Rahim, Hadzli Hashim, Mahanijah Md Kamal and Noor Ezan Abdullah (UiTM)</i>
3.00pm - 3.15pm Paper 9	Tropical Raindrop Anomy <i>Sawsan Kamel Shariah (UPM)</i>
3.15pm - 3.30pm Paper 10	Real Time Machine Vision Weeds-Classification for Selective Herbicide application <i>Shabana Habib, Muhammad Islam (IMS, Pakistan)</i>
3.30pm - 3.45pm Paper 11	Modeling of Two-wheels Inverted Pendulum Mobile Robot <i>Nawawi S.W, Ahmad M.N, Osman J.H.S (UMP)</i>
3.45pm - 4.00pm Paper 12	Hybrid Control Schemes of a Flexible Robot Manipulator <i>Mohd Ashraf Ahmad and Zaharudin Mohamed (UTM)</i>

4.00pm-4.15pm Paper 13	Real-Time Specific Weed Recognition System Using Statistical Methods <i>Imran Ahmed, Muhammad Islam, Syed Inayat Ali Shah, Awais Adnan (IMS, Pakistan)</i>
4.15pm-4.30pm Paper 14	Signal Propagation Effects: Comparison of Total Electron Content (TEC) Using Real Time Kinematics (RTK) Data during Quiet and Disturbed Day at the Equatorial Ionosphere <i>Norsuzila Ya'acob, Mohamad Huzaimy Yusof, Mahamod Ismail and Mardina Abdullah (UKM)</i>
4.30pm – 4.45pm Paper 15	Java Embedded Voice Enabled Web Server and Socket Client <i>I. Kamarulafizam, Sh-Hussain, Salleh, R. Bakhteri, Y. Zuraimi (UTM)</i>
4.45pm – 5.00pm Paper 16	An Expert System for Troubleshooting in Wastewater Treatment Plant <i>Nur Ilyana bt Mohd.Zukki and Latifah Abd Manaf (UPM)</i>
5.00pm	REFRESHMENT and END OF PROGRAM
DAY 2 (Wednesday, 31st October 2007)	
SESSION 3	
Chairperson : Dr. Izhah Abdul Halim	
8.30am-8.45am Paper 17	Mobile Access to Bio-Plant Databases in a Collaborative Environment <i>Rusli Abdullah, Mohd Hasan Selamat, Azmi Jaafar, Rodziah Atan, Hamidah Ibrahim & Wan Roslina Wan Ishak (UPM)</i>
8.45am-9.00am Paper 18	Design, Development and Implementation of Smart Home Systems Using RF and Power Line Communication <i>Mohamed Rawidean Mohd Kassim (MIMOS)</i>
9.00am - 9.15am Paper 19	An Intelligent Mobility Aid System for Visually Impaired Persons According to the Blinds Fuzzy Cognitive Map (FCM) in Local Path Planning <i>Omid Reza Esmaeili Motlagh, Tang Sai Hong, Napsiah Ismail (UPM)</i>
9.15am - 9.30am Paper 20	Modeling and Controller Design for an Inverted Pendulum System <i>Ahmad Nor Kasruddin Nasir, Mohd. Fua'ad Rahmat, Mohd Ashraf Ahmad (UMP)</i>
9.30am - 9.45am Paper 21	A Feature-based Lane Detection System using Hough Transform Method <i>Muhammad Azwan Nasirudin, Mohd Rizal Arshad (USM)</i>
9.45am - 10.00am Paper 22	Application Of The Analytical Hierarchy Process (Ahp) For Selecting An Appropriate Solid Waste Treatment Technology <i>Mohd Armi Bin Abu Samah, Latifah Binti Abd Manaf, Wan Nor Azmin Sulaiman and Rafikul Islam (UPM)</i>
10.00am - 10.15am	TEA BREAK
SESSION 4	
Chairperson : Dr. -Ing Ahmad Fauzi	
10.15am - 10.30am Paper 23	The Development of Reservation Scheduling System: A Design Phase <i>Rozana Diana Ahmad Rusli, Nuzulha Khilwani Ibrahim, Nurulhuda Firdaus Mohd Azmi, Zeti Darleena Eri (UTM)</i>
10.30am - 10.45am Paper 24	A Survey of Incremental Updating of Frequent Patterns <i>Mohammad Nadimi-Shahraki, Norwati Mustapha, Md Nasir B Sulaiman, Ali B Mamat (UPM)</i>
10.45am - 11.00am Paper 25	Knowledge-Based System For Mechanical CAD Design <i>Cher Dong Theng, N Ismail, Wong Shaw Voon, Wan Abdul Rahman (UPM)</i>
11.00am - 11.15am Paper 26	Real-Time Navigation Of An Autonomous Robot Using Fuzzy Controller <i>M. A. Abd.Rahman, M. H. Marhaban, R. M. K. Raja Ahmad, A. H. Ismail (UPM)</i>
11.15am - 11.30am Paper 27	Assembly Line and Balancing Assembly Line <i>G.R.Esmaeilian, M.M.H.MAHmad, S.Sulaiman, N.Ismail (UPM)</i>

11.30am-11.45am Paper 28	Images Quality Assessments and Restoration for Face Recognition System <i>Ahmad Nazri Zamani, Mat Kamil Awang, Nazarudin Omar, Shahrin Azuan Nazeer (TM R&D)</i>
11.45am - 12.00pm Paper 29	Remote Triggering Based Embedded Server for Smart Home Environment <i>Thinagaran Perumal, Abd Rahman Ramli, Chui Yew Leong (ITMA, UPM)</i>
12.00pm - 12.15pm Paper 30	Development of Web usage mining Tools to Analyze the Web Server Logs using Artificial Intelligence Techniques <i>Mohd Helmy Abd Wahab (UTHM)</i>
12.15pm - 12.30pm Paper 31	Group Motion Tracking and its Inherent Difficulties Using Image Based Approach <i>Umair Soori, Mohd Rizal Arshad and Nadira Nordin (USM)</i>
LUNCH	
2.30pm - 3.30pm	Invited Paper "Computer Integrated In Manufacturing Vs Computer Graphics In Multimedia" <i>Dr. Rahmita Wirza O.K Rahmat</i> <i>Dept. Of Multimedia</i> <i>Faculty of Computer Sciences and Information Technology, UPM</i>
SESSION 5	
Chairperson : Dr. Khairulmizan Samsudin	
3.30pm - 3.45pm Paper 32	The Effectiveness of Position/Force Fuzzy Control on Both Underwater Manipulator and Surface Manipulator <i>Surina Mat Suboh, Irfan Abd Rahman, Mohd Rizal Arshad, Mohd Nasiruddin Mahyuddin (USM)</i>
3.45pm - 4.00pm Paper 33	Feature Recognition Of Prismatic Parts Using Pattern Matching Technique <i>S.S. Saaid, N. Ismail, W.S. Voon, S. Sulaiman and M.R. Osman (UPM)</i>
4.00pm - 4.15pm Paper 34	A New Architecture For Online Predicting In Web Usage Mining System <i>Mehrdad Jalali, Norwati Mustapha, Md. Nasir Sulaiman, Ali Mamat (UPM)</i>
4.15pm - 4.30pm Paper 35	3-D Automated Reconstruction of Manufacturing Parts from Multiple Range Images <i>Napsiah Ismail, Ng Sok Choo, Juraina Md. Yusof, Muhammad Saufi Mohd. Kassim, Khairuddin Abdul Rahman (UPM)</i>
4.30pm - 4.45pm Paper 36	Application of the Neural Network on Tomato Color Identification <i>Aziz Mamat, Wan Ishak Wan Ismail, Napsiah Ismail, Abdul Rahman Ramli, Khairuddin Abdul Rahman (UPM)</i>
4.45pm - 5.00pm Paper 37	Integrated Recognition Strategies For Vision System (Oil Palm Harvesting) <i>Mohd. Hudzari Razali, Wan Ishak Wan Ismail (UPM)</i>
5.00pm	REFRESHMENT AND END OF PROGRAM