

## PROGRAMME OVERVIEW

### MONDAY (19th OCTOBER 2009) – DAY 1

- 8.00am - 9.00am Conference Registration
- 9.00am - 10.00am Keynote Speaker 1:  
**Prof. Dr. Hugo de Garis**  
**Revolutions of Artificial Intelligence in Industry for the next decade**
- 10.00am - 10.30am Refreshment
- 10.30am - 11.30am Keynote Speaker 2:  
**Datuk Badlisham Ghazali**  
**Industry- Academia Collaboration from MdeC Perspective**
- 11.30am - 12.30pm Keynote Speaker 3:  
**Associate Professor Dr. Eyas El-Qawasmeh**  
**Semantic Web Mining For The Next Generation Towards Industrial Perspective**
- 12.30pm - 2.00pm Break and Lunch
- 2.00pm - 4.00pm Parallel Session 1
- 4.00pm Refreshment
- 8.00pm Conference Launching Ceremony and Conference Dinner

### TUESDAY (20th OCTOBER 2009) – DAY 2

- 8.30am - 9.30am Keynote Speaker 4:  
**Professor Junzo Watada**  
**Recent Innovative Approach of Regression Analysis to Software Engineering Towards Industrial Needs**
- 9.30am - 10.30am Keynote Speaker 5:  
**YB. Dato' Haji Mohd Sharkar Bin Haji Shamsudin**  
**High Speed Broadband- Case Study of Jalenas**
- 10.30am - 11.00am Refreshment
- 11.00am - 1.00pm Parallel Session 2
- 1.00pm - 2.30pm Break and Lunch
- 2.30pm - 4.30pm Parallel Session 3
- 4.30pm Refreshment

### WEDNESDAY (21st OCTOBER 2009) – DAY 3

- 8.30am - 10.30am Parallel Session 4
- 10.30am - 11.00am Refreshment
- 11.00am - 1.00pm Parallel Session 5
- 1.00pm - 2.30pm Break and Lunch
- 2.30pm - 4.30pm Parallel Session 6
- 4.30pm Refreshment

## SESSION PROGRAMME

MONDAY (19th OCTOBER 2009) – DAY 1

KEYNOTE SPEAKER 1 (9.00am – 10.00am)

**Room: Hibiscus**

Prof. Dr. Hugo de Garis

**Revolutions of Artificial Intelligence in Industry for the next decade**

KEYNOTE SPEAKER 2 (10.30am – 11.30am)

**Room: Hibiscus**

Datuk Badlisham Ghazali

**Industry- Academia Collaboration from MdeC Perspective**

KEYNOTE SPEAKER 3 (11.30am – 12.30pm)

**Room: Hibiscus**

Associate Professor Dr. Eyas El-Qawasmeh

**Semantic Web Mining For The Next Generation Towards Industrial Perspective**

PARALLEL SESSION 1 (2.00pm – 4.00pm)

**Room: Casuarina**

*Track: Software Engineering*

ID: 229 <b>The Mapping of UML-SPT and Schedulability Analysis for Predictable Real-Time Design</b> Yavuz Selim Sengoz, Dayang Norhayati Abang Jawawi, Safai Deris
ID: 202 <b>A Coupling and Cohesion Metrics Suite for Object-Oriented Software</b> Sukainah Husein, Alan Oxley
ID: 115 <b>Formal Specification of Biologically-Inspired Middleware for Self-Healing Ubiquitous Computing</b> Ria Candrawati, Azween Abdullah
ID: 141 <b>iSPA : Integrated Software Process Assessment Methodology and Tool</b> Raja Zurina Raja Mohamed Ali, Dr Suhaimi Ibrahim
ID:143 <b>Review on Quality Evaluation for Web-based Applications</b> Hazura Zulzaili, Abdul Azim Abd Ghani, Mohd Hasan Selamat, Ramlan Mahmud, Nur Izura Udzir
ID: 277 <b>UCGen: UML UCD Generator Using Input-Driven Approach</b> Faridah Hani Mohamed Salleh, Khairunnisa Harith Yahya, Nazrita Ibrahim

**Room: Dahlia**

*Track: Computer Systems*

ID: 110 <b>Configuration L4Linux on top of L4/Fiasco</b> Kilausuria Abdullah, Wira Zanoramy Ansiry Zakaria, Raja Mariam Ruzila Raja Ahmad Suffian
ID: 157 <b>Performance Enhancement of Utility Accrual Scheduling Algorithms in Adaptive Real Time System</b> Idawaty Ahmad, Mohammad Fauzan Othman
ID: 177 <b>Design of a Reconfigurable Computing Platform</b> Justin John Papu, Hang See Ong
ID: 169 <b>Development of a Run-Time Model in OODB</b> Belal Zagaibeh
ID: 309 <b>Low cost interactive electronic whiteboard using Nintendo Wii Remote</b> Dalbir Singh, Ridha Omar, Muhammad Azhar Anuar
ID: 335 <b>Information Quality Measurement for Disk Scheduling Algorithm</b> Mohamad Sofian Abu Talip, Abdurrazag Ali Aburas, Aisha Hassan Abdalla

**Room: Orchid**

*Track: Graphics & Multimedia*

ID: 192 <b>Using digital close range photogrammetry to provide accurate measurement of 3D shape reconstruction</b> Abdoulaye Mahamat Zakaria, Abas Md Said
ID: 203 <b>Augmented Reality Airplane Shooting Game: 3DCoolPlane</b> Edmund Ng, Paulynn Chen, Janice Chai, Wei Wei Ooi, Chee Young Chew, Allen Choong Chieng Hoon
ID: 187 <b>Assessment Techniques in Problem Based Learning (PBL) for Teaching Human Computer Interaction</b> Che Ku Nuraini Che Ku Mohd, Faaizah Shahbodin, Muhammad Haziq Lim Abdullah, W Nurnadiah W Mohd Puzi
ID: 295 <b>Cultural Heritage Preservation : 3D Modeling of Traditional Malay House using Hidden Face Removal Approach</b> Nazrita Ibrahim, Khairul Azhar Azmi, Faridah Hani Mohamed Salleh, Salman Yussof
ID: 321 <b>The Usability Evaluation on a Multimedia Black Cat Courseware using Storytelling Approach</b> Mazyrah Masri, Wan Fatimah Wan Ahmad, Suziah Sulaiman

**Room: Jasmine – SPECIAL SESSION**

*Track: Special Session*

ID: 391 <b>Affine Moment Invariant for Extraction Insect Images</b> Norsharina Abu Bakar, Siti Mariyam Shamsuddin
ID: 392 <b>A Proposed Framework of Malaysian Automobile Insurance on Claim Data Using Soft Computing Techniques</b> Zuriahati Mohd Yunos, Siti Mariyam Shamsuddin, Siti Zaiton Mohd Hashim, Noriszura Ismail
ID: 393 <b>Designing and optimizing Fuzzy Logic Controller and comparing the results With Linear Quadratic Regulator</b> Abozar Alabakhshizadeh, Abolfazl Zaraki, Mohd Fauzi bin Othman
ID: 394 <b>Modified Genetic Algorithms for Simple Assembly Line Balancing Problems</b> Hossein Rajabalipour Cheshmehgaz, Muhammad Ikhwan Jambak, Habibollah Haron

**Room: Lotus**

*Track: Data Mining*

ID: 149 <b>Data Warehouse System Overview and Measuring Data Quality</b> Azwa Bin Abdul Aziz, Prof M Yazid M Saman
ID: 185 <b>A Development of Geriatric Internal Medicine Knowledge Base Utilizing Case Based Reasoning</b> Kusrini kusrini, Sri Hartati, Agus Harjoko, Retantyo Wardoyo
ID: 196 <b>A Comparison of Smoothing Functions In Smooth Support Vector Machine</b> Santi Wulan Purnami Purnami
ID: 225 <b>A Comparative Study of FP-growth Variations</b> Aiman Said, Dr. Dhanapal Dominic, Dr.Azween Abdullah
ID: 324 <b>An Investigation on the Impact of Missing Values' Imputation over the Prediction Efficacy of the Classification Methods</b> Reza Entezari-Maleki, Seyyed Mehdi Iranmanesh, Behrouz Minaei-Bidgoli

**TUESDAY (20th OCTOBER 2009) – DAY 2**

KEYNOTE SPEAKER 4 (8.30am – 9.30am)

**Room: Hibiscus**

Professor Junzo Watada

**Recent Innovative Approach of Regression Analysis to Software Engineering Towards Industrial Needs**

KEYNOTE SPEAKER 5 (9.30am – 10.30am)

**Room: Hibiscus**

YB. Dato' Haji Mohd Sharkar Bin Haji Shamsudin

**High Speed Broadband- Case Study of Jalenas**

PARALLEL SESSION 2 (11.00am – 1.00pm)

**Room: Hibiscus**

*Track: Security*

ID: 380 <b>Optimization of Firewall Rules Using Decision Tree Data Mining</b> Syurahbil H., Noraziah Ahmad, Mohd Fadli Zolkipli, Ahmed N. Abd Alla
ID: 341 <b>Measuring Security Awareness in Organization : USIM Case Study</b> Azni Haslizan Abhalim, Hanifah Hamid, Azreena Abu Bakar
ID: 193 <b>Conceptual Framework of Proactive Wireless Intrusion Detection and Prevention System</b> Zatul Amilah Shaffiei
ID: 194 <b>Buffer Overflow Analysis of OpenOffice</b> Noorhayati Mohamed Noor, Siti Arpah Ahmad, Rozita Yunos
ID: 178 <b>Immunology Inspired Framework for Securing MANETs</b> Yasir Mohamed, Azween Abdullah
ID: 106 <b>Partial Fingerprint Recognition Based on Extended Features</b> Vijayaprasad P

**Room: Casuarina**

*Track: Network*

ID: 215 <b>Information Theoretic Rate Adaptive MACA</b> Satish Ket, Prakash Tiwari, Mahesh Patil, R.N. Awale
ID: 140 <b>Reducing PAPR in suitable OFDM Technique for integrated broadband wireless applications</b> Ade Syaheda Wani Marzuki, Evelyn Foo Khai Wei, Maimun Huja Husin, Rohana Sapawi
ID: 179 <b>Video Matrix using Java and JMF Technology</b> Thasprabu Ramasamy, Vijanth Sagayan Asirvadam, Patrick Sebastian
ID: 199 <b>Enhanced Link Reliability Scheme for Wireless Networks</b> Boon Hoi Lim, Chong Eng Tan
ID: 230 <b>Self-Optimized Routing Protocol for WSNs</b> Kashif Saleem, Norsheila Fisal, Sharifah Hafizah, Sharifah Kamilah, Rozeha Rashid

## Room: Dahlia

*Track: Image Processing*

ID: 223 <b>The Implementation of Embedded Vision System for Line Follower Navigation</b> Mohd Razali Md Tomari, Hafizie Rahmat, Herdawati Aabdul Kadir, Mohd Helmy Abdul Wahab
ID: 183 <b>Image Edge Preservation and Denoising using Multiresolution analysis</b> Karthick Ramanathan Sulochanan, Sadasivam Subbarayan
ID: 44 <b>A Review of Omnidirectional Imaging System with Hyperbolic Mirror</b> Haryati Jaafar, Raja Kamil Raja Ahmad, Abdul Rahman Ramli, Mazin Thani Muhssin
ID: 53 <b>Prosthetic design of lower limb using 3D surface reconstruction</b> Nasrul Humaimi Mahmood, Tardi Tjahjadi
ID: 174 <b>Malay Phoneme Classification using Relative Spectral Transform - Perceptual Linear Prediction (RST-PLP) Algorithm</b> Mohiuddin Ahmed, Zulkhairi Yusof
ID: 388 <b>Relative Positions of Pixels to Verify the Fingerprint Image</b> Mohammed S. Khalil& Dzulkifli Muhammad, Ghazali bin Sulong, Qais AL-Nuzaili

## Room: Orchid

*Track: Artificial Intelligence*

ID: 221 <b>A General-Domain Application for Implementing Case-Based Reasoning (GDA-CBR)</b> Hassan Najadat, Mohammed Aref Diab
ID: 320 <b>A DNA Sequence Design Based on Continuous and Binary Particle Swarm Optimization</b> Zuwaire Ibrahim, Noor Khafifah Khalid, Zulkifli Md. Yusof
ID: 127 <b>A Hybrid System for Safe and Optimal Ship Steering</b> Habiba Mobeen, Irfan Younas
ID: 145 <b>ITS: Using A.I. to improve character recognition of students with intellectual disabilities.</b> Tanzila Saba, Amjad Rehman, Mohammad Dzulkifli, Mohammad Ilays
ID: 222 <b>A New Approach for Solving Constraint Satisfaction Problems: Coloring Problem Using Non-Adjacent Lists</b> Hassan Najadat, Mohammed Abu-Rahmeh
ID: 158 <b>Multi-Objective Evolution of Neural Networks for Playing Go Using Pareto Archived Evolution Strategies (PAES)</b> Kar Bin Tan, Jason Teo, Patricia Anthony

**Room: Jasmine**

*Track: Informatics*

ID: 114 <b>A Proposed Biologically-Inspired Model to Analyze Signal Sound</b> Hammuzamer Irwan Hamzah, Azween Abdullah
ID: 146 <b>Social Networking Sites (SNS) Adoption among Malaysian University Students based on Technology Acceptance Model and Theory of Planned Behaviour</b> Say Leng Goh , Awang Asri Awang Ibrahim, Zamhar Iswandono Ismail, Tamrin Amboala, Dinna NMN
ID: 161 <b>IT Governance Processes in the Malaysian Schools</b> Suhaimi Ismail, Prof. Dr. Rose Alinda Alias, Dr. Othman Ibrahim, Assoc. Prof. Dr. Azizah Abdul Rahman
ID: 212 <b>Virtual Learning Environment: Assistive Technology Enhancing Accessibility among Visually Impaired Learners</b> Nurulisma Ismail, Halimah Badioze Zaman
ID: 296 <b>IT Ethics in Higher Education Environment</b> Maslin Masrom, Zuraini Ismail, Ramlah Hussein, Norshidah Mohamed, Orhan Argun

**Room: Lotus**

*Track: Systems Development & Application*

ID: 381 <b>e-PSC: Progress ScoreCard Application in the Construction Industry</b> Yusof Hashim, Wan Azlee Wan Abdullah, Mohd Rashid Ab Hamid
ID: 201 <b>Real-Time Temperature Control for Glycerin Bleaching Process Using ON-OFF and PID Controller</b> Norehan Kamarudin, Zuriati Janin, Zakaria Yusuf, Mohd Nasir Taib
ID: 245 <b>Line Balancing System (LBS) for Vacuum Cleaner Assembly Line</b> Abdul Syukor Mohamad Jaya, Ruzaidi Zamri
ID: 92 <b>Software Development of Assembly Sequence Approach by using Integrated TRIZ, Axiomatic Design and Boothroyd-Dewhurst DFA</b> K. Kadirgama, M. M.Noor
ID: 129 <b>Route Planner Mobile Web Application for Uitm Malaysia</b> Suzana Ahmad, Nor Ashikin Mohamad Kamal
ID: 155 <b>Smart Document Tracking System using RFID (DocutraX)</b> Hanita Daud, Noorhana Yahya

PARALLEL SESSION 3 (2.30pm – 4.30pm)

**Room: Hibiscus**

*Track: Simulation*

ID: 166 <b>Investigation of Flow Uniformity on Diesel Oxidation Catalyst in Catalytic Converter using Computational Fluid Dynamics</b> Mohd Afzanizam Mohd Rosli, Prof Dr Md Razali Ayob, Ahmad Kamal Mat Yamin, Muhd Ridzuan Mansor, Mohd Zaid Akop, Shafizal Mat
ID: 108 <b>Simulation of Microstrip T-Junction at KU-Band</b> Tian Fat Lai, Wan Nor Liza Mahadi, Norhayati Soin
ID: 384 <b>Call Centre Simulation Modelling For Emergency Case (CESMEC)</b> Awanis Romli, Alief @ Mohammad Radzi Abd Halim
ID: 252 <b>Study of performance comparison of AODV and DSDV routing protocol algorithm with difference number of nodes for wireless sensor network</b> Mohd.Taufiq Norhizat, Mohd Suhaimi Sauti, Md Zaini Jamaludin

*Track: Informatics*

ID: 328 <b>Information Security Framework for Malaysian Higher Learning Institutions.</b> Ikhwan Zaini Awang Mat Saaid, Zuraini Ismail, Zailani Mohammed Sidek, Maslin Masrom
ID: 338 <b>Classifying Criteria and Factors of Information Systems Integration Assessment</b> Ruzaini Abdullah Arshah, Mohammad Ishak Desa, Ab. Razak Che Hussin

**Room: Casuarina**

*Track: Information Retrieval*

ID: 118 <b>Extracting Audio-Visual Features for Video Retrieval</b> Lili Nurliyana Abdullah
ID: 151 <b>SQL Tuning : An Experimental Approach</b> Nalini Dharmarajan, Wan Adilah Wan Adnan
ID: 156 <b>An Approach for Matching Heterogeneous Relational Biomedical Databases Schemas</b> Yaser Karasneh, Hamidah Ibrahim, Mohammad Othman, Razali Yaakob
ID: 181 <b>Open Source Software Distributed Knowledge Management Portal</b> Irene Yap
ID: 302 <b>Using Keyword Competition to Determine the Similarity Level of Document Retrieval</b> Poltak Sihombing, Muhammad Zarlis
ID: 322 <b>A Novel Evolutionary Neural Network Model for Pattern Classification</b> Shing Chiang Tan, Chee Peng Lim

**Room: Dahlia**

*Track: Knowledge Society*

ID: 218 <b>K-Portal to Promote Knowledge Sharing of OSS among Software Engineer Community</b> Lai Lan Choy, Rusli Abdullah
ID: 180 <b>Results of a Study on E-Commerce Usages and Barriers for Malaysia and United Kingdom</b> Ryan Yang Guo, Su Yan Lee, Xi Yang
ID: 148 <b>Soft Systems Methodological Approach Towards Telecommuting Problems</b> Subrahmanyam Kodukula, Vladimir Arturovich Stepanov
ID: 171 <b>Managing knowledge assets through Industrial Internship Portal (IIP)</b> Mazeyanti M Ariffin, Nur Syazana Sulaiman
ID: 300 <b>The effects of using Web-based learning on Malaysia lower secondary level school students' performance and motivation in geography learning</b> Nur Fadziella Mohd Norizan, Dayang Rohaya Awang Rambli
ID: 331 <b>CBR-based Workload Allocation Model</b> Siti Fatimah Abdul Razak

**Room: Orchid**

*Track: Engineering & Technology*

ID: 43 <b>Sideways Looking Probe Camera Image Observation for Burner Flame</b> Amirruddin Abdul Kadir
ID: 272 <b>Smart Card Design to Enhance Fare Collection for Public Transportation Sector in Bangladesh</b> Md.Arafatur Rahman, Farhat Anwar, Md. Saiful Azad
ID: 198 <b>Heart Beat Monitoring Using PIC16F84 Microcontroller</b> Hairulazwan Hashim, Wei Shioh Ting
ID: 107 <b>Investigation into the Effect of Engine Speed on Performance of Four Cylinder Direct Injection Hydrogen Fueled Engine</b> M. M. Rahman, Mohammed K. Mohammed, Rosli Abu Bakar
ID: 162 <b>Feasibility Study of Radio Frequency Identification Method (RFID) in Manufacturing Environment</b> Lokman Abdullah, Mohd Noor Akmal Rosli
ID: 197 <b>Development of Power System Analysis Software Package Using MATLAB</b> Norhafidzah Mohd Saad, Mohammad Fadhil Abas, Noor Lina Ramli

**Room: Jasmine**

*Track: Computational Mathematics*

ID: 208 <b>Design and Performance Analysis of an Operation-Based Merging Approach for Specification Views</b> Fathi Taibi
ID: 159 <b>Numerical Study of Free Convection Boundary Layer Flow on A Vertical Surface with Prescribed Wall Temperature, Heat Flux and Newtonian Heating using Shooting Method</b> Mohd Zuki Salleh, Najihah Mohamed, Rozieana Khairuddin, Najiyah Safwa Khasi'ie, Roslinda Nazar
ID: 176 <b>ESSA: An Enhanced Selection Sort Algorithm</b> Md. Khairullah
ID: 234 <b>RTS: Reverse Tracking Strategy for Pairwise Testing</b> Mohammed I Younis, Kamal Z Zamli
ID: 339 <b>A Comparison of Time Series Forecasting For Chemical Process Concentration using Neural Network and Support Vector Machine (SVM) Model</b> Shuhaida Ismail, Ruhaidah Samsudin, Ani Shabri
ID: 340 <b>A Comparison of Time Series Forecasting using Neural Network and Group Method of Data Handling</b> Nadira Mohamed Isa, Ani Shabri, Ruhaida Samsudin

**WEDNESDAY (21st OCTOBER 2009) – DAY 3**

PARALLEL SESSION 4 (8.30am – 10.30am)

**Room: Hibiscus**

*Track: Software Engineering*

ID: 316

**Requirement Analysis: Applying High-Level Constraint Language (HCL) and Unified Modeling Language (UML) in Textual Description for Use Case Model**

Nor Shahida Mohamad Yusop, Kamalia Azma Kamaruddin, Shyazana Musa

ID: 332

**A Review on Research in UML Class Diagramx**

Faridah Hani Mohamed Salleh , Yim Ling Loo

ID: 390

**Software Test Documentation**

Roslina Mohd Sidek, Dr Noraziah Ahmad

ID: 147

**Experimental investigation of Software Reliability Based on Immune Technique**

Chitra Sadagopan, Madhusudhanan B, Rajaram M

*Track: Systems Development & Application*

ID: 160

**Development of Photovoltaic Monitoring System Web Portal**

Wan Faedah Abbas, Masnawi Mustafa, Sulaiman Shaari, Ahmad Maliki Omar, Helme Mohd Yusop, Hedzlin Zainuddin

ID: 163

**The Development of Langkawi Geodiversity Repository System (MyGeo-RS): The Architecture and Design**

Aziz Deraman, Jamaiah H. Yahaya, Juhana Salim, Suffian Idris, Ibrahim Komoo, Mohd. Shafeea Leman, Tanot Unjah, Marilah Sarman, Lim Choon Sian

**Room: Casuarina**

*Track: Security*

ID: 359

**A Graph-based Methodology for Analyzing Firewall Rules: Case Study and Implementation**

Sarawut Pipattanasakul, Yongyuth Permpoontanalarp

ID: 376

**Implication of ICT Policy and Guidelines for Network Performance in Data Center Management**

Che Yahya Yaakub

ID: 395

**An Implementation of the Shielded Location for Software TPM using TrueCrypt**

Abdul Muzaire Abdul Mutalib, Mohd Azuddin Parman, Nazri Abdullah

ID: 397

**Security Management against Attacks In Wireless Sensor Networks**

Sandeep Kumar, Vijay Shukla, Sunil Gupta

**Room: Dahlia**

*Track: Image Processing*

ID: 220 <b>A Robust Video Watermarking Algorithm Based on 3D-DWT Domain</b> Sadik Al-Taweel, Putra Sumari
ID: 255 <b>Accurate Method for Malaysian Cars Plate Recognition Using Fast Wavelets Transform</b> Mohamed Gumah, Abdurazzag Aburas
ID: 282 <b>Design and Implementation of Gradient based Sobel Edge Detection Operator</b> Indra Yasri, Nor Hisham Hamid
ID: 336 <b>A Review of Medical Image Watermarking Schemes</b> Siau Chuin Liew, Jasni Mohamad Zain
ID: 396 <b>A New Approach to Pattern Recognition in Fractal Ferns</b> Mamta Rani, Vinod Kumar, Saurabh Goel

**Room: Orchid**

*Track: Computer Systems*

ID: 385 <b>Conceptual Model of Intelligent Agents in a Programming Environment</b> Teh Nurani Mohd Aris
ID: 210 <b>Development of Indoor Location Sensing Using Wireless Local Area Network (WLAN) IEEE 802.11b</b> Weng Yuen Chan, Nagaletchumi Balasubramaniam, Norashidah Md. Din

*Track: Systems Development & Application*

ID: 342 <b>ep-Matrix: A Computerized Decision Aid Incorporating Pugh Matrix Analysis for Purchasing Decision</b> Siti Mahfuzah, Norshuhada Shiratuddin
ID: 347 <b>Location Aware Travel Guide: A Usability Study with University Students</b> Mohammad Hafiz bin Ismail, Aznoora Osman, Nadia Andul Wahab

*Track: Knowledge Society*

ID: 165 <b>Antecedents for Successful IT Alignment</b> Mohamed Abdi
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PARALLEL SESSION 5 (11.00am – 1.00pm)

**Room: Hibiscus**

*Track: Data Mining*

ID: 247

**Fast Independent Component Analysis and Self Organizing Map for Classification Problems**  
Shafaatunnur Hasan, Siti Mariyam Shamsuddin & Razana Alwee

ID: 378

**Managing Knowledge via Data Mining Techniques**  
Abdullah Embong, Wan Maseri Wan Mohd, Santi Wulan Purnama

ID: 387

**Comparisons on Features Selection Methods in Microarray Expression**  
Roslina Abd. Hamid, Noraziah Ahmad

*Track: Cognitive Science*

ID: 249

**Towards Precise Answer Extraction for Question Answering System**  
Rabiah Abdul Kadir

ID: 315

**IPTA Selection DSS for STPM Leavers Using Fuzzy MADM**  
Sharifah Nurulhikmah Syed Yasin, Noor Maizura Mohamad Nor, Mustafa Mamat

**Room: Casuarina**

*Track: Engineering & Technology*

ID: 232

**The Performance Comparison Between OFDM & MC-DS-CDMA in Various Channels**  
Haitham Taha, M. F. M. Salleh

ID: 285

**A Novel Nonlinear Torque And Current Control of the Induction Motor Couple DC Motor**  
Zulkarnain Lubis, Ahmed N Abdalla, Mortaza Mohamed, Ruzlaini Ghoni

ID: 288

**Improved Sensorless Vector Control for Induction Motor Drives Fed by a Dual Bridge Matrix Converter**  
Ruzlaini Ghoni

ID: 337

**Image Reconstruction in Process Tomography: Pixel concentration**  
Siti Zarina Mohd. Muji, Ruzairi Abdul Rahim

ID: 154

**MCS51(r) Educational Development System with IDE Approach**  
Raja Saravanan Kumar Selvakumar, Nik Mohd Kamil Nik Yusoff, Hazizulden AbdulAziz

**Room: Dahlia**

*Track: Artificial Intelligence*

ID: 205 <b>Co-Evolutionary Genetic Algorithm of Fuzzy Modeling</b> Mohd Arfian Ismail, Hishammuddin Asmuni
ID: 217 <b>Genetic Algorithms for Deriving Weights in Analytic Hierarchy Process</b> Nur Farha Zakaria, Halina Mohamed Dahlan, Ab. Razak Che Hussin
ID: 248 <b>The use of Genetic Algorithms to Support FLC Membership Function</b> Prof. Dr. Hj. Nanna Suryana Herman, Prof. Hjh. Dr. Siti Mariyam Hj Shamsuddin, Ismail Yusuf
ID: 298 <b>Effect of Fitness Evolution in Laser Marking Path Optimization via Genetic Algorithm</b> Chai Phing Chen, Siaw Paw Koh, Yu Chooi Albert Fong, Sieh Kiong Tiong
ID: 226 <b>Agent Based Negotiation in E-commerce</b> Moustapha Tahir, Prof. Jubair

**Room: Orchid**

*Track: Image Processing*

ID: 344 <b>Medical Image Analysis using Local Invariant Features Interest Points Detector</b> Hizmawati Madzin, Roziati Zainuddin
ID: 353 <b>A Review of External Wood Defect Detection</b> Nik Kamariah Nik Ismail, Dr. Jasni Mohamad Zain
ID: 386 <b>Identifying Vacant Space of Parking Using Image Processing</b> Siti Normaziah Ihsan, Noraziah Ahmad
ID: 389 <b>Using Spiral Scan Technique for Medical Image Watermarking with Tamper Detection and Recovery</b> PM Dr. Jasni Mohamad Zain

PARALLEL SESSION 6 (2.30am – 4.30pm)

**Room: Hibiscus**

*Track: Network*

ID: 334 <b>Using Bluetooth Friendly Names for Application Input and Output in Public Displays</b> Terence Le Grange, Daniel Leow, Sophia Latt
ID: 377 <b>A study on a load balancing model for improving network performance</b> Norrozila Sulaiman, Che Yahaya Yaakub
ID: 379 <b>Comparison Between Direct Sequence Spread Spectrum (DSSS) And Frequency Hopping Spread Spectrum (FHSS)</b> Handrizal S., Dr. Noraziah Ahmad, Ahmed N. Abdalla
ID: 373 <b>Failure Semantic Of Neighbour Replication Grid Transactions Model In Distributed Environment</b> Noraziah Ahmad

**Room: Casuarina**

*Track: Artificial Intelligence*

ID: 306 <b>Intelligent Mobile Agent System for Job Seeking</b> Ahmad Hadinata Fauzi, Dayang NurFatimah Awg Iskandar
ID: 350 <b>Designing a Chatbot for diabetic patients</b> Abbas Saliimi Lokman, Jasni Mohamad Zain
ID: 375 <b>Comparison of Distance Measure in Kohonen Learning Algorithm</b> Bariah Yusob, Siti Mariyam Shamsudin, Syarifah Fazlin Seyed Fadzir, Rahiwan Nazar Romli
ID: 383 <b>An Improved Ant Colony Optimization Algorithm for Clustering Proteins in Protein Interaction Network</b> Jamaludin Sallim, Rosni Abdullah