2010 IEEE Conference on Open Systems

(ICOS 2010)

Kuala Lumpur, Malaysia
5 – 7 December 2010

TECHNICAL PROGRAM

J11: Information Management & Education
Room: KENANGA
Chairs: Letchumanan Chockalingam (Multimedia University, Malaysia), Mohamed Rawidean Mohd Kassim (MIMOS, Malaysia)

2:40 *Semantic Query for Quran Documents Results*
Mohd Amin Mohd Yunus (University of Malaya, Malaysia); Roziati Zainuddin (, Malaysia); Noorhidawati Abdullah (University of Malaya, Malaysia)

3:00 *Hard and Soft Updating Centroids for Clustering Y-Short Tandem Repeats (Y-STR) Data*
Ali Seman (Universiti Teknologi MARA, Malaysia); Zainab Abu Bakar (Universiti Teknologi MARA, Malaysia); Noorizam Daud (Universiti Teknologi MARA (UiTM), Malaysia)

3:20 *E-Procurement Current and Future Readiness Level in Malaysia*
Naseebullah Langove (Universiti Technologi PETRONAS, Malaysia); Dhanapal Dominic (Universiti Technologi PETRONAS, Malaysia)

3:40 *Structural Similarity of Business Process Variants*
Noor Mazlina Mahmod (UTeM, Malaysia)

J12: Information Management & Education (cont)
Room: KENANGA
Chairs: Letchumanan Chockalingam (Multimedia University, Malaysia), Mohamed Rawidean Mohd Kassim (MIMOS, Malaysia)

4:20 *Identification of Magnetizing Inrush Current in Power Transformers Using GSA Trained ANN for Educational Purposes*
Mehran Taghipour (University of Birjand, Iran); Alireza Moradi (University of Birjand, Iran); Mohammad Yazdani-Asrami (Babol University of Technology, Iran)

4:40 *Making DC-DC Converters Easy to Understand for Undergraduate Students*
Reza Ahmadi Kordekheili (Babol University of Technology, Iran); Mohammad Yazdani-Asrami (Babol University of Technology, Iran); Amir Sayidi (Science and Research branch of Islamic Azad University, Iran)

5:00 *Survnvote: A Free Web Based Audience Response System to Support Interactivity in the Classroom*
Teddy Mantoro (International Islamic University Malaysia, Malaysia); Media A Ayu (International Islamic University Malaysia, Malaysia)

5:20 *Semantic Query with Stemmer for Quran Documents Results*
Mohd Amin Mohd Yunus (University of Malaya, Malaysia); Roziati Zainuddin (, Malaysia); Noorhidawati Abdullah (University of Malaya, Malaysia)

5:40 *A Pilot Study in Using Web 2.0 to Aid Academic Writing Skills*
Azamjon Tulaboev (Universiti Teknologi Petronas, Malaysia); Alan Oxley (Universiti Teknologi PETRONAS, Malaysia)

6:00 *Learning Acids and Bases Through Inquiry Based Website*
Noor Dayana Abd Halim (Universiti Teknologi Malaysia, Malaysia); Mohamad Bilal Ali (Universiti Teknologi Malaysia, Malaysia); Juhazren Junaidi (Universiti Teknologi Malaysia, Malaysia); Noraffandy Yahaya (Universiti Teknologi Malaysia, Malaysia)

J21: Software & Computer Applications
Room: KENANGA
Chairs: Letchumanan Chockalingam (Multimedia University, Malaysia), Mohamed Rawidean Mohd Kassim (MIMOS, Malaysia)

8:40 *Adaptive Window Method of FIR Filter Design*
Abdullah Awad (College of Computer, Anbar University .Iraq, Iraq)

9:00 *Using Genetic Algorithm To Break A Mono- Alphabetic Substitution Cipher*
Safaa Omran (Foundation of Technical Education, Iraq); Ali Al-Khalid (Foundation of Technical Education, Iraq); Dalal Al-Saady (Foundation of Technical Education, Iraq)

9:20 *Single-Link Flexible Manipulator Control Using Improved Bacterial Foraging Algorithm*
Heru Supriyono (The University of Sheffield, United Kingdom); M. Osman Tokhi (University of Sheffield, United Kingdom)

9:40 *Grid Workflow Recovery as Dynamic Constraint Satisfaction Problem*
Stanimir Dragiev (Technische Universitaet Berlin, Germany); Joerg Schneider (Technische Universitaet Berlin, Germany)

10:00 *Speckle Filtering Of Ultrasound B-Scan Images - A Comparative Study Between Spatial And Diffusion Filters*
Sivakumar Ramamurthy (University of Madras, India); Gayathri Kanagaraj Manickam (University of Madras, India); Damodaran Nedumaran (University Of Madras, India)

10:20 *Development of Dashboard for Hospital Logistics Management*
Mahendrawathi ER (Institut Teknologi Sepuluh Nopember, Indonesia); Danu Pranantha (Institute of Technology Sepuluh Nopember (ITS), Indonesia)

J22: Software & Computer Applications (cont)
Room: KENANGA
Chairs: Letchumanan Chockalingam (Multimedia University, Malaysia), Mohamed Rawidean Mohd Kassim (MIMOS, Malaysia)

11:00 *Context-Aware Ubiquitous Musafir*
Subrahmanya Venkata Radha Krishna G Rao (Cognizant Technology Solutions, India); Sundararaman Karthik (Cognizant Technology Solutions, India); Jinka Parthasarathi (Cognizant Technology Solutions, India); Prashant Parekh (Cognizant Technology Solutions, India)

11:20 *An Information Provision System Based on a Multi-Hop RFID Scheme for ITS (Intelligent Transportation System)*
Hiroaki Togashi (The Graduate University for Advanced Studies, Japan); Shigeki Yamada (National Institute of Informatics, Japan)

11:40 *A Semantic Index Structure for Integrating OGC Services in a Spatial Search Engine*
Javier Márquez (University of Castilla-La Mancha, Spain); José Eduardo Córcoles (University of Castilla-La Mancha, Spain); Antonio Quintanilla (University of Castilla La Mancha, Spain)

12:00 *Prototype of Semantic Search Engine Using Ontology*
Ahmad Maziz Esa (Universiti Teknologi Petronas, Malaysia); Shakirah Mohd Taib (Universiti Teknologi Petronas, Malaysia); Hong Nguyen (Universiti Teknologi Petronas, Malaysia)