

Day/Date	Time	Room 1	Room 2	Room 3
Wednesday 9 November 2011 Parallel Session 1a	2.45 – 3.05 pm	AdaBoost-based approach for detecting Lithiasis and Polyps in USG Images of the Gallbladder <i>Marcin Ciecholewski</i>	Assessing Educators' Acceptance of Virtual Reality (VR) in the Classroom Using the Unified Theory of Acceptance and Use of Technology (UTAUT). <i>Niwala Haswita Hussin , Jafreezal Jaafar , Alan G.Downe</i>	A Fuzzy Similarity Based Image Segmentation Scheme Using Self-organizing Map with Iterative Region Merging <i>Wooi-Haw Tan, Gouenou Coatrieux, Basel Solaiman, Rosli Besar</i>
Parallel Session 1a	3.05 – 3.25 pm	Improved Incremental Orthogonal Centroid Algorithm for Visualising Pipeline Sensor Datasets <i>Folorunso Olufemi A., Mohd Shahrizal Sunar , Normal Mat Jusoh</i>	3D Visualization of Simple Natural Language Statement using Semantic Description <i>Rabiah Abdul Kadir, Abdul Rahman Mad Hashim, Rahmita Wirza, Aida Mustapha</i>	Character Recognition of License Plate Number using Convolutional Neural Network <i>Syafeeza Ahmad Radzi, Mohamed Khalil-Hani</i>
Parallel Session 1a	3.25 – 3.45 pm	Simulation Strategy of Membrane Computing to Characterize the Structure and Non-deterministic Behavior of Biological Systems: A Case Study with Ligand-Receptor Network of Protein TGF- β <i>Muniyandi Ravie Chandren, Mohd. Zin Abdullah</i>	Development of 3D Tawaf Simulation for Hajj Training Application Using Virtual Environment <i>Mohd Shafry Mohd Rahim, Ahmad Zakwan Azizul Fata, Ahmad Hoirul Basori, Arief Salleh Rosman, Tamar Jaya Nizar, Farah Wahida Mohd Yusof</i>	A Grammar-based Process Modeling and Simulation Methodology for Supply Chain Management <i>Mohsen Mohammadi , Muriati Bt. Mukhtar, Hamid Reza Peikari</i>

Parallel Session 1a	3.45 – 4.05 pm	A Parallel Coordinates Visualization for the Uncapaciated Examination Timetabling Problem <i>J. Joshua Thomas, Ahamad Tajudin Khader, Bahari Belaton</i>	A Modified Edge-Based Region Growing Segmentation of Geometric Objects <i>Nursuriati Jamil, Hazwani Che Soh, Tengku Mohd Tengku Sembok, Zainab Abu Bakar</i>	Comparison on Performance of Radial Basis Function Neural Network and Discriminant Function in Classification of CSEM Data <i>Muhammad Abdulkarim , Afza Shafie, Radzuan Razali, Wan Fatimah Wan Ahmad, Agus Arif</i>
Parallel Session 1b	4.20 - 4.40 pm	Simulation for Laparoscopy Surgery with Haptic Element for Medical Students in HUKM: A Preliminary Analysis <i>Norkhairani A.R., Halimah Badioze.Zaman & Azlina Ahmad</i>	Detection and Classification of Granulation Tissue in Chronic Ulcers <i>Ahmad Fadzil M. Hani, Leena Arshad, Aamir Saeed Malik, Adawiyah Jamil, Felix Yap Boon Bin</i>	New Color Image Histogram-Based Detectors <i>Taha H. Rassem, Bee Ee Khoo</i>
Parallel Session 1b	4.40 – 5.00 pm	Empirical Performance Evaluation of Raster to Vector Conversion with Different Scanning Resolutions <i>Bilal Abdulrahman T. Al-Douri, Hasan S. M. Al-Khaffaf, Abdullah Zawawi Talib</i>	Visualizing the Construction of Incremental Disorder Trie Itemset Data Structure (DOSTrieIT) for Frequent Pattern Tree (FP-Tree) <i>Zailani Abdullah, Tutut Herawan and Mustafa Mat Deris</i>	The Gradient of the Maximal Curvature Estimation for Crest Lines Extraction <i>Pan Zheng, Bahari Belaton, Iman Yi Liao, Zainul Ahmad Rajion</i>
Parallel Session 1b	5.00 – 5.20 pm	Towards a Multimodality Ontology Image Retrieval <i>Yanti Idaya Aspura Mohd Khalid, Shahrul Azman Noah , Siti</i>	Different Visualization Types in Multimedia Learning: A Comparative Study <i>Riaza Mohd Rias, Halimah Badioze</i>	Optimal Command and Control Method for Malaysian Army Small Units in A Malaysian Forest Environment: Small Unit Tactical

		<i>Norlhuda Sheikh Abdullah</i>	<i>Zaman</i>	Management System (SUTaMs) <i>Syed Nasir Alsagoff</i>
Thursday 10 November 2011 Parallel Session 2a	9.00 – 9.20 am	Enhancing Learning Experience of Novice Surgeon with Virtual Training System for Jig an Fixture Usage <i>Intan Syaherra Ramli, Haslina Arshad, Abu Bakar Sulong, Nor Hamdan Mohd. Yahaya, Che Hassan Che Haron</i>	Improved Gait Recognition with Automatic Body Joint Identification <i>Tze-Wei Yeoh, Wooi-Haw Tan, Hu Ng, Hau-Lee Tong² and Chee-Pun Ooi</i>	A Real-Time Vision-based Framework for Human-Robot Interaction <i>Meng Chun Lam, Anton Satria Prabuwono, Haslina Arshad, Chee Seng Chan</i>
Parallel Session 2a	9.20 – 9.40 am	Automated Hemorrhage Slices Detection for CT Brain Images <i>Hau-Lee Tong, Mohammad Faizal Ahmad Fauzi, Su-Cheng Haw</i>	CBIR for an automated Solid Waste bin level detection system using GLCM <i>Arebey, M A Hannan, R A Begum, Hassan Basri</i>	Image Enhancement of Underwater Habitat Using Color Correction Based on Histogram <i>Norsila bt Shamsuddin, Wan Fatimah bt Wan Ahmad, Baharum b Baharudin, Mohd Kushairi b Mohd Rajuddin, Farahwahida bt Mohd</i>
Parallel Session 2a	9.40 – 10.00 am	A New Application for Real-Time Shadow and Sun's Position in Virtual Environment <i>Hoshang Kolivand, Mohd Shahrizal Bin Sunar</i>	A New and Improved Size Detection Algorithm for Acetabular Implant in Total Hip Replacement Preoperative Planning <i>Azrulhizam Shapi'i, Riza Sulaiman, Mohammad Khatim Hasan, Anton Satria Prabuwono, Abdul Yazid Mohd Kassim,</i>	Analysing Tabletop Based Computer Supported Collaborative Learning Data through Visualization. <i>Ammar Al-Qaraghuli, Halimah Badioze Zaman, Patrick Olivier, Ahmed Kharrufa, Azlina Ahmad</i>

			<i>Hamzaini Abdul Hamid</i>	
Parallel Session 2a	10.00 – 10.20 am	Digital Training Tool Framework for Jawi Character Formation <i>Norizan Mat Diah, Nor Azan Mat Zin</i>	High Order Polynomial Surface Fitting for Measuring Roughness of Psoriasis Lesion <i>Ahmad Fadzil M Hani, Esa Prakasa, Hurriyatul Fitriyah, Hermawan Nugroho, Azura Mohd Affandi, Suraiya Hani Hussein</i>	Modelling of Reflectance Spectra of Skin Phototypes III <i>Ahmad Fadzil M.H, Hermawan Nugroho, Romuald Jolivot, Franck Marzani, Norashikin Shamsuddin, Roshidah Baba</i>
Parallel Session 2a	10.20 – 10.40 am	Virtual method to compare treatment options to assist maxillofacial surgery planning and decision making process for implant and screw placement <i>Yuwaraj Kumar Balakrishnan, Alwin Kumar Rathinam, Tan Su Tung, Vicknes Waran, Zainal Ariff Abdul Rahman</i>	Capturing Mini Brand using a Parametric Shape Grammar <i>Mei Choo Ang, Huai Yong Chong, Alison McKay, Kok Weng Ng</i>	Development and Usability Evaluation of Virtual Environment for Early Diagnosis of Dementia <i>Syadiah Nor Wan Shamsuddin, Hassan Ugail, Valerie Lesk</i>
Parallel Session 2a	10.40 – 11.00 am	Usability Study of Mobile Learning Course Content Application as a Revision Tool <i>Ahmad Sobri Hashim, Wan Fatimah Wan Ahmad, Rohiza Ahmad</i>	Game Design Framework: A Pilot Study on Users' Perceptions <i>Ibrahim Ahmad, Azizah Jaafar</i>	The Development of History Educational Game As a Revision Tools for Malaysia School Education <i>Hadi A.A.R, WanMohdFazdli Wan Daud, Nurul Huda Ibrahim</i>
Parallel Session 2b	2.00 – 2.20 pm	Ontology Construction Using Computational Linguistics for E-Learning	Eye Tracking in Educational Games Environment: Evaluating User	Improving Accessibility through Aggregative E-learning for All

		<i>L.Jegatha Deborah, R.Baskaran, A.Kannan</i>	Interface Design through Eye Tracking Patterns <i>Nurul Hidayah Mat Zain , Fariza Hanis Abdul Razak, Azizah Jaafar, Mohd Firdaus Zulkipli</i>	Framework <i>Khairuddin Kamaludin, Noor Faezah Mohd Yatim, Md. Jan Nordin</i>
Parallel Session 2b	2.20 – 2.40 pm	Exploiting the Query Expansion through Knowledgebases for Images <i>Roohullah, J.Jaafar</i>	Usability Evaluation for 'Komputer Saya': Multimedia Courseware for Slow Learners <i>Norfarhana Abdollah, Wan Fatimah Wan Ahmad, Emelia Akashah Patah Akhir</i>	Reconstruction of 3D Faces using Face Space Coefficient, Texture Space and Shape <i>Space Sheng Hung Chung, Ean Teng Khor</i>
Parallel Session 2b	2.40 – 3.00 pm	Research Finding for Usability Testing on ILC-WBLE <i>Ming Chee Hoh, Wou Onn Choo, Pei Hwa Siew</i>	Factors Affecting Undergraduates' Acceptance of Educational Game: An Application of Technology Acceptance Model (TAM) <i>Roslina Ibrahim, Rasimah Che Mohd Yusoff, Khalili Khalil, Azizah Jaafar</i>	Usability of Educational Computer Game (Usa_ECG): Applying Analytic Hierarchy Process <i>Hasiah Mohamed @ Omar, Azizah Jaafar</i>
Parallel Session 2b	3.00 -3.20 pm	Visual Learning Through Augmented Reality Storybook for Remedial Student <i>Hafiza Abas, Halimah Badioze Zaman</i>	Preliminary Study on Haptic Approach in Learning Jawi Handwriting Skills <i>Maizan Mat Amin, Halimah Badioze Zaman, Azlina Ahmad</i>	Scaffolding in Early Reading Activities for Down Syndrome Children <i>Rahmah Lob Yussof, Halimah Badioze Zaman</i>
Parallel Session 2b	3.20 – 3.40 pm	EduTism: An Assistive Educational System for the Treatment of Autism Children with Intelligent Approach	Investigating the Roles of Assistance in a Digital Storytelling Authoring System <i>Jumail, Dayang Rohaya Awang Rambli, Suziah Sulaiman</i>	MYNDA- An Intelligent Data Mining Application Generator <i>Zulaiha Ali Othman, Abdul Razak Hamdan, Azuraliza Abu Bakar, Suhaila Zainudin, Hafiz</i>

		<i>Siti Iradah I., Rabiah A.K</i>		<i>Mohd Sarim, Mohd Zakree Ahmad Nazri, Zalinda Othman, Salwani Abdullah, Masri Ayob, Ahmad Tarmizi Abdul Ghan</i>
Parallel Session 2b	3.40 – 4.00 pm	Scaffolding Poetry Lessons Using Desktop Virtual Reality <i>Nazrul Azha Mohamed Shaari, Halimah Badioze Zaman</i>	Augmented Reality Remedial Worksheet for Negative Numbers: Subtraction Operation <i>Elango Periasamy, Halimah Badioze Zaman</i>	Developing Conceptual Model of Virtual Museum Environment based on User Interaction Issues <i>Normala Rahim, Tengku Siti Meriam Tengku Wook, NorAzan Mat Zin</i>
Parallel Session 2c	4.15 – 4.35 pm	Use of RSVP Techniques on Children’s Digital Flashcards <i>Siti Zahidah Abdullah, Nazlena Mohamad Ali</i>	Cultural Learning in Virtual Heritage: An Overview <i>Nazrita Ibrahim, Nazlena Mohamad Ali, Noor Faezah Mohd Yatim</i>	Measurement Model to Evaluate Success of E-Government Applications through Visual Relationship <i>Norshita Mat Nayan, Halimah Badioze Zaman, Tengku Mohd Tengku Sembok</i>
Parallel Session 2c	4.35 – 4.55 pm	Conceptual Design for Augmented Reality Games Using Motion Detection as User Interface and Interaction <i>Azfar Bin Tomi, Dayang Rohaya Awang Rambli</i>	FaceSnap: Game-based Courseware as a Learning Tool for Children with Social Impairment <i>Y.Y. Chen, Wan Fatimah Wan Ahmad, Nur Zareen Zulkarnain</i>	Visualization of the Hadith Chain of Narrators <i>Zarina Shukur, Norasikin Fabil, Juhana Salim, Shahrul Azman Noah</i>
Parallel Session 2c	4.55 – 5.15 pm	A New Framework for Phylogenetic Tree Visualization <i>Wan Mohd Nazmee Wan Zainon, Abdullah Zawawi Talib, Bahari Belaton</i>	Technical Skills in Developing Augmented Reality Application: Teachers' Readiness <i>Norabeerah Saforrudin, Halimah Badioze Zaman, Azlina Ahmad</i>	Scenario-Based Learning Approach for Virtual Biology Laboratory (VLab-Bio) <i>Murniza Muhamad, Halimah Badioze Zaman, Azlina Ahmad</i>

Parallel Session 2c	5.15 – 5.35 pm	<p>Use of Content Analysis Tools for Visual Interaction Design</p> <p><i>Nazlena Mohamad Ali, Hyowon Lee, Alan F. Smeaton</i></p>	<p>Visual Application on Multi-touch Tabletop for Mathematics Learning: Preliminary Study</p> <p><i>Khoo Shiang Tyng, Halimah Badioze Zaman, Azlina Ahmad</i></p>	<p>i-JEN: Visual Interactive Malaysia Crime News Retrieval System</p> <p><i>Nazlena Mohamad Ali, Masnizah Mohd, Hyowon Lee, Alan F. Smeaton, Fabio Crestani and Shahrul Azman Mohd Noah</i></p>
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