

PARALLEL SESSION SCHEDULE

DAY 1 - PARALLEL SESSIONS A (11.30AM – 12.50PM)

A1 ROOM1	A2 ROOM2	A3 ROOM3
Computer Systems & Networking/Systems & Network Security	Intelligent Systems & Robotics/Optimization Algorithms	Optimization Algorithms/Pervasive Computing
[PID43] Cryptocurrency Adoption: Current Stage, Opportunities and Open Challenges Redhwan Al-Amri, Suhaidi Hassan, Nur Haryani Zakaria, and Adib Habbal	[PID47] Prototype for Early Detection of Fire Hazards using Fuzzy Logic Approach and Arduino Microcontroller Ause Labellapansa, Nesi Syafitri, Evizal Abdul Kadir, Rizauddin Saian, Aqilah Saibah, Marina and Siti Nurain	[PID40] Parameter Adaptation for Ant Colony System in Wireless Sensor Network Husna Jamal Abdul Nasir, Ku Ruhana Ku-Mahamud and Eiji Kamioka
[PID75] A Case Study on the Adoption of Cloud Computing in Malaysia From the Perspectives of Cloud Providers Noor Hazwani binti Mohamad Puad, Asma Md Ali, Mohd Adam Suhaimi, and Husnayati Hussin	[PID64] Brainwave Detection Model for Panic Attacks based on Event-Related Potential Puwadol Sirikongtham, Worapat Paireekreng and Suwannit Chareen Chit	[PID17] Emotional Profiling Through Supervised Machine Learning of Interrupted Eeg Interpolation Hamwira Yaacob, Hazim Omar, Dini Handayani and Raini Hassan
[PID49] Security Performance Evaluation of Biometric Lightweight Encryption for Fingerprint Template Protection Taqiyah Khadijah Ghazali and Nur Haryani Zakaria	[PID89] A Comparative Analysis of the Zernike Moments for Shape-Based Image Retrieval Suraya Abu Bakar, Muhammad Suzuri Hitam, and Wan Nural Jawahir Hj Wan Yussuf	[PID29] Non-Preemptive Chaotic Cat Swarm Optimization Scheme for Task Scheduling on Cloud Computing Environment Danlami Gabi, Abdul Samad Ismail, Anazida Zainal, Zalmiyah Zakaria and Nasir Muhammed Dankolo
[PID70] An Insider Threat Categorization Framework for Automated Manufacturing Execution System Nur Ameera Natasha Mohammad, Warusia Mohamed Yassin, Rabiah Ahmad, Aslinda Hassan, and Mohammed Nasser Ahmed Al Mhiqani	[PID22] Taxonomy of Memory Usage in Swarm Intelligence-Based Metaheuristics Shayamah Akram Yasear, and Ku Ruhana Ku-Mahamud	[PID33] A Semantic Event Based Framework for Complex Situations Modeling and Identification in Smart Environments Abderrahim Lakehal, Adel Alti and Philippe Roose

DAY 1 - PARALLEL SESSIONS B (4.00PM – 5.10PM)

B1	B2	B3
ROOM1	ROOM2	ROOM3
<i>Cooperative Work Support/ E-Commerce, E-Business, M-Commerce/ Educational Computing</i>	<i>Educational Computing</i>	<i>Formal Methods, Verification, Validation/ Green Computing/Eco-friendly Computing/ Knowledge Engineering/ Management & Engineering of IT-Enabled Services</i>
[PID84] Workplace Digitalisation in Public Sector Organization Towards Operational Effectiveness: Current Landscape, Issues and Challenges Nur Azaliah Abu Bakar , Zakaria Deraman, Mohamad Fadzli Tarmiji, Rohani Yusoffand Nazri Kama	[PID50] Social Worked-Examples Technique to Enhance Student Engagement in Program Visualization Abdullah Al-Sakkaf, Mazni Omar , and Mazida Ahmad	[PID30] Early Detection of Fire Hazard using Fuzzy Logic Approach Nesi Syafitri , Ause Labellapansa, Evizal Abdul Kadir, Rizauddin Saian, Nur Nabila Afini Zahari, Nur Hadirah Khairul Anwar, and Nurul Ezzatul Mawaddah Shahrudin
[PID105] Managing Flood in the Context of Education, Research and Partnership in Malaysia Siti Sarah Maidin , Marini Othman and Norzariyah Yahya	[PID65] Enhancing User Experience for Mobile Learning using Augmented Reality And Learning Style Apichaya Nimkumpai , Worapat Paireekreng, and Suwannit Chareen Chit	[PID120] GOSSEC: Goal Oriented Software Sustainability Evaluation Criteria Ruzita Ahmad, Fauziah Baharom , and Azham Hussain
[PID97] Cryptocurrency Platform Ecosystem: A Systematic Literature Review from Information Systems Perspective Shehu M.Sarkintudu, Huda H. Ibrahim, and Alawiyah Abd Wahab	[PID69] The Investigation of Student Dropout Prediction Model in Thai Higher Education using Educational Data Mining: A Case Study of Faculty of Science, Prince Of Songkla University Jarutas Pattanaphanchai , Koranat Leelertpanyakul and Napa Theppalak	[PID99] Problem Event Extraction to Develop Causal Loop Representation from Web-Boards Chaveevan Pechsiri and Narongdech Keeratipranon
[PID42] Co-Reflective System: Supporting Collaborative Critical Thinking and Knowledge Building Maimoona Salam , Dayang Hanani Abang Ibrahim, and Dayang Nurfatimah Awang Iskandar	[PID82] Formant Characteristics of Malay Dialect Vowels Nursuriati Jamil , Izzad Ramli, and Norizah Ardi	[PID116] An Exploratory Study for Investigating the Issues and Current Practices of Service Oriented Architecture Adoption Mohd Hamdi Irwan Hamzah, Fauziah Baharom , and Haslina Mohd

DAY 2 - PARALLEL SESSIONS C (9.00AM – 10.20AM)

C1	C2	C3
ROOM1	ROOM2	ROOM3
Decision Support Systems & Expert System/Software Engineering	Software Engineering	Mobile Technology/Multimedia Support & Applications
[PID63] An Architecture of Decision Support System for Visual-Auditory-Kinesthetic (VAK) Learning Styles Detection through Behavioral Modeling Fatihah Mohd , Wan Fatin Fatimah Wan Yahya, Suryani Ismail, Masita Abdul Jalil, and Noor Maizura Mohamad Noor	[PID57] A Systematic Mapping Study on Cloud-Based Mobile Application Testing Badamasi Imam Ya' u , Norsaremah Salleh, Azlin Nordin, Ali A. Alwan, Norbik Bashah Idris and Hafiza Abas	[PID52] Design and Development of Smart List: A Mobile App for Creating And Managing Grocery Lists Norliza Katuk , Tamilarasi Jayasangar, and Yuhanis Yusof
[PID104] A Customized Non-Exclusive Clustering Algorithm for News Recommendation Systems Asghar Darvishy, Hamidah Ibrahim , Fatimah Sidi and Aida Mustapha	[PID79] Teen-Computer Interaction: Building a Conceptual Model with Thoughts-Emotion-Behaviour Mohd Rosidi bin Omar and Husniza binti Husni	[PID109] A Prototype of High Rise Residential Management Systems in Malaysia: A Case Study for Seroja Apartment Mudiana Mokhsin , Ahmad Zambri Shahuddin, Amer Shakir Zainol, Mohd Husni Mohd Som, and Nurhaziani Hazemi
[PID12] Designing an Instrument to Conduct a Survey on Requirement Reuse Practices in Malaysia Noraini Che Pa , Norhayati Md Ali, Teh Noranis Mohd Aris, Rodziah Atan, Ainita Ban, Hazlina Hamdan and Mohamed Hazrat Ariffin	[PID85] Impact of Agile Methodologies and Cost Management Success Factors: An Empirical Study Javed Iqbal, Mazni Omar and Azman Yasin	[PID110] User Perception Towards Rewards and Learning Through Digital Traditional Games Nur Azzah Abu Bakar and Noraziah ChePa
[PID13] Analysis and Development of Customer Billing Telephony System Noraini Che Pa , Azrina Kamaruddin and Raziera Bidin	[PID103] An Analysis on the Applicability of Meta-Heuristic Searching Techniques for Automated Test Data Generation in Automatic Programming Assessment Ja'afaru Musa, Rohaida Romli , and Nooraini Yusoff	[PID113] The Influence of Rewards on Games Flow, Challenge, and its Effects Towards the Engagement of Malaysian Digital Traditional Games Noraziah ChePa , Nur Azzah Abu Bakar, Cik Fazilah Hibadullah and Azham Hussain

DAY 2 - PARALLEL SESSIONS D (2.00PM – 3.30PM)

D1	D2	D3
ROOM1	ROOM2	ROOM3
<i>Multimedia Support & Applications</i>	<i>Data Science/Analytics/ Systems & Network Security</i>	<i>Data Science/Analytics</i>
<p>[PID87] Augmented Reality-Based Mobile Application for Knowledge Transferring in the System of Rice Intensification <i>Phuripoj Kaewyong and Shatchaya Duangchant</i></p>	<p>[PID19] An Optimatized Method For Fetching and Transforming Survey Data based on SQL And R Programming Language <i>Forat Falih Hasan and Zulikha Jamaluddin</i></p>	<p>[PID77] Determining The Impact of Window Length on Time Series Forecasting using Deep Learning <i>Ammar Azlan, Yuhanis Yusof and Mohamad Farhan Mohamad Mohsin</i></p>
<p>[PID107] Instrument for Evaluating Digital Educational Comic <i>Farah Nadia Azman, Syamsul Bahrin Zaibon and Norsuhada Shiratuddin</i></p>	<p>[PID72] Using Backpropagation To Predict Drought Factor In Keetch-Byram Drought Index <i>Ady Suyatno Hadisuwito and Fadratul Hafinaz Hassan</i></p>	<p>[PID88] Combined Approach for Teachers' Evaluation Aspects Identification using Dictionary and Patterns Based <i>Phuripoj Kaewyong, Naomie Salim and Fatin Aliah Phang</i></p>
<p>[PID112] WRITE-RITE: Enhancing Handwriting Proficiency of Children with Dysgraphia <i>Norsafinar Rahim and Zulikha Jamaludin</i></p>	<p>[PID76] Towards Modelling Trust In Voice At Zero Acquaintance <i>Deborah Ooi Yee Hui, Syaheerah Lebai Lutfi and Ahmad Sufriil Azlan Mohamed</i></p>	<p>[PID90] A Review of Feature Selection in Sentiment Analysis using Information Gain and Domain Specific Ontology <i>Ibrahim Said Ahmad, Mohd Ridzwan Yaakub, and Azuraliza Abu Bakar</i></p>
	<p>[PID10] A New Secure Proxy-Based Distributed Virtual Machines Management in Mobile Cloud Computing <i>Boubakeur Annane, Osman Ghazali, and Adel Alti</i></p>	