





PS-01	Theme: Software Metrics and Measurement		Chair: Dr. Noor Hasrina Bakar <i>Universiti Kebangsaan Malaysia</i>
	11:10 am – 1:00 pm	BK1-01	7 Aug 2017, Monday
11:10	20	On Implementing Usability Evaluation Activities within Agile Environment: A Plan Based Process <i>Fouad Abdulameer Salman, Aziz Deraman, Masita Abdul Jalil and Syahurl Fahmy</i>	
11:30	26	Software Quality Assurance Audit Implementation in Industry: A Survey of Five Multinational Companies in Malaysia <i>Khairul-Nisa Jamalludin and Hazleen Aris</i>	
11:50	30	Crowdsource Requirements Engineering: Using Online Reviews as Input to Software Features Clustering <i>Noor Hasrina Bakar, Zarinah M. Kasirun, Norsaremah Salleh and Azni H. Halim</i>	
12:10	75	An Experiment of Different Similarity Measures on Test Case Prioritization for Software Product Lines <i>Muhammad Sahak, Dayang N.A. Jawawi and Shahliza A. Halim</i>	
12:30	94	Software Ageing Measurement Model (SAMM): An Instrument Development <i>Zaiha Nadiah Zainal Abidin, Jamaiah H. Yahaya and Aziz Deraman</i>	
12:50			 PHOTO SESSION

PS-01	Theme: Software Testing, Verification and Validation		Chair: Dr. Ibrahim Anka Salihu <i>Universiti Tun Hussein Onn Malaysia</i>
	11:10 am – 1:00 pm	BK1-02	7 Aug 2017, Monday
11:10	10	A Hybrid Approach for Reverse Engineering GUI Model from Android Apps for Automated Testing <i>Ibrahim Anka Salihu, Rosziati Ibrahim and Aida Mustapha</i>	
11:30	18	ABC Algorithm for Combinatorial Testing Problem <i>AbdulRahman A. Alsewar, Amaar K. Alazzawi, Taha H. Rassem, Muhammad N. Kabir, Ameen A. Ba Homaid, Yazan A. Alsariera, Nasser M. Tairan and Kamal Z. Zamli</i>	
11:50	25	Test Case Prioritization based on Extended Finite State Machine Model <i>Muhammad Luqman Shafie and Wan Mohd Nasir Wan Kadir</i>	
12:10	38	Important Evaluation Factors of UML Tools for Health Informatics <i>Mageswari Rajoo and Noor Maizura Mohamad Noor</i>	
12:30	44	A Test Case Selection Framework and Technique: Weighted Average Scoring Method <i>Rafaqat Kazmi, Dayang N.A. Jawawi, Radziah Mohamad, Imran Ghani and Muhammad Younas</i>	
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PS-01	Theme: Knowledge Based Software Engineering		Chair: Dr. Rosmayati Mohemad <i>Universiti Malaysia Terengganu</i>
	11:10 am – 1:00 pm	BK1-03	7 Aug 2017, Monday
11:10	3	Comparative Evaluation of String Metrics for Context Ontology Database <i>Farhanah Atiqah Norki, Radziah Mohamad and Noraini Ibrahim</i>	
11:30	33	Textual Analysis by using Knowledge-based Word Sense Disambiguation Approach <i>Lilyana Jelai, Edwin Mit, Sarah Flora Samson Juan and Wai Shiang Cheah</i>	
11:50	47	Ontology-Based Question Answering System in Restricted Domain <i>R. Mohemad, N.M. Mohamad Noor, N.H.Ali and Y.L.Ee</i>	
12:10	53	An Analysis of Knowledge Management Challenges in Agile Global Software Development <i>Zohaib Ahmed, Zulkefli Mansor and Kamsuriah Ahmad</i>	
12:30	59	Automated Natural Language Requirements Analysis using General Architecture for Text Engineering (GATE) Framework <i>Ahmad Mustafa, Wan M.N. Wan-Kadir and Noraini Ibrahim</i>	
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PS-01	Theme: Intelligent Software Engineering		Chair: Dr. Badariah Solemon <i>Universiti</i>
	11:10 am – 1:00 pm	BK1-04	7 Aug 2017, Monday
11:10	2	Spatial Network k Nearest Neighbor: A Survey and Future Directives <i>B. Borhanuddin and B. Solemon</i>	
11:30	12	A Comprehensive Survey on Pi-Sigma Neural Network for Time Series Prediction <i>Urooj Akram, Rozaida Ghazali and Muhammad Faheem Mushtaq</i>	
11:50	13	The Enhancement of Evolving Spiking Neural Network with Firefly Algorithm <i>Faredzuan Roslan, Haza Nuzly Abdull Hamed and Mohd Adham Isa</i>	
12:10	23	Systematic Literature Review: Correlated Fuzzy Logic Rules for Node Behavior Detection in Wireless Sensor Network <i>Noor Shahidah, A.H Azni, Hayaati Mohd Alwi, Kamatuzzaman Seman and NoorHasrina Bakar</i>	
12:30	42	Mobile Self-Management System for University Students using Mobile Application Development Lifecycle (MADLC) <i>Mohamad Yusof Darus, Mohd Shafiq Akmal Hazani and Norkhushaini Awang</i>	
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