



International Research Symposium on Pure and Applied Sciences, 2017

Faculty of Science, University of Kelaniya, Sri Lanka

Software Intensive Systems – Presentation Schedule - Session 1

Venue: Room A4 – 101, Department of Industrial Management

Session Chair: Dr. W. M. J. I. Wijayanayake

Plenary Speech	Time	Plenary Speech Title and Author
	1100-1115	Marking presence among human beings: What matters? Hardware or Software? Prof. Koliya Pulasinghe

Abstract No	Time	Title and Author(s)
SO-01	1120-1135	Applicability of Bluetooth routing ad-hoc networks for efficient communication Buddhika Jayawardena
SO-02	1135-1150	A haptic feeding GPS navigation solution for the visually impaired M. K. B. C. Rajatheja and T. K. Wijayasiriwardhane
SO-03	1150-1205	Speed detection and speed violation prevention in expressways: A computer vision and Internet of Things (IoT) based approach Bhanu Watawana and Nirmala Liyanarachchi
SO-04	1205-1220	Applicability of adaptive machine learning algorithm for improving reading and comprehension capabilities of dyslexic patients G.W.C. Sathsara, T. D. Rupasinghe and P. Sumanasena
SO-05	1220-1235	Detecting cyberbullying in social media networks using text categorization techniques Suchini Priyangika and Shantha Jayalal
SO-06	1235-1250	Machine learning based model for Android malware analysis and detection Sathindu Kavneth and Shantha Jayalal
SO-07	1250-1305	Applicability of virtual billing on smartphone based applications for paper waste reduction Charinda Dissanayake, Pasan Peiris, Dharshitha Senevirathne, Kalpa Wijesooriya, T. D. Rupasinghe and Nirmala Liyanarachchi
		<i>1305 - 1400: Lunch</i>



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Software Intensive Systems – Presentation Schedule - Session 2

Venue: Room A4 – 101, Department of Industrial Management

Session Chair: Dr. A. P. R. Wickramarachchi

Abstract No	Time	Title and Author(s)
SO-08	1400-1415	Sentiment analysis and opinion mining of social media from multiple sources R.M.B.P.M. Karunarathna and W. M. J. I. Wijayanayake
SO-09	1415-1430	Agent based modeling for unordered traffic in Sri Lanka – An investigation into pedestrian behaviors K. R. K. Rathnayaka, and R.A.C.P. Rajapakshe
SO-10	1430-1445	Offline analysis of web logs to identify offensive web crawlers Nilani Algiriya
SO-11	1445-1500	Text mining approach on on-line guest reviews: A case study from hospitality industry N. I. Hewage and Shantha Jayalal
SO-12	1500-1515	A framework for agile implementation of ERP systems R. J. P. K. Rajakaruna and W. M. J. I. Wijayanayake
SO-13	1515-1530	Collaborative model to enhance informal communication within software teams Heshan Perera and W. M. J. I. Wijayanayake
SO-14	1530-1545	Developing a model for knowledge management practices in SMEs of software development industry Harasara Gajadeera and W. M. J. I. Wijayanayake
SO-15	1545-1600	Algorithm to identify the original web links and suggest optimized mirror links for download content within a web page G. L. S. I. Karunarathna and U. P. Liyanage
		<i>1600-1630: Tea and Poster Session</i>



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Software Intensive Systems – Presentation Schedule - Session 3

Venue: Room A4 – 101, Department of Industrial Management

Session Chair: Dr. R. A. C. P. Rajapakshe

Abstract No	Time	Title and Author(s)
SO-16	1630 – 1645	A conceptual model for coordination and control of virtual teams in software industry Lahiru Koggalahewa and W. M. J. I. Wijayanayake
SO-17	1645-1700	Prediction of daily gold prices in Sri Lanka: A comparison of time series and artificial neural network models M. A. G. Shashikala, N.V. Chandrasekara and D. D. M Jayasundara
SO-18	1700-1715	Evaluate the acceptance of web 2.0 tools for learning in alternative higher education sector in Sri Lanka M. V. M. Jayathilake and P. H. A. B. Shantha