

SOMET 2014 List of Accepted paper (20 July 2014)

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Chapter 1 “Artificial Intelligence Techniques on Software Engineering, and Requirement Engineering”	
Paper 1 (ID-2)	Automatic Music Emotion Classification Using Artificial Neural Network Based on Vocal and Instrumental Sound Timbres <i>Mudiana MOKHSIN, Nurlaila ROSLI, Wan Adilah WAN ADNAN, Norehan ABDUL MANAF</i>
Paper 2 (ID-10)	User’s Satisfaction in Recommendation Systems <i>Shahid KAMAL, Roliana IBRAHIM, Imran GHANI</i>
Paper 3 (ID-13)	Rice-Planted Area Extraction by RADARSAT Data by Competitive Neural Networks <i>Sigeru OMATU, Mitsuaki YANO</i>
Paper 4 (ID-19)	Intelligent synchronization tool using ANFIS for multi robot manipulators <i>Parvaneh ESMAILI, Habibollah HARON</i>
Paper 5 (ID-39)	Gradient Histogram Feature Based Ear Recognition Using Neural Network Classifier <i>Nkole Ifeanyi UGABA, Ghazali SULONG, Shamsuddeen SANI MUHAMMED</i>
Paper 6 (ID-57)	Hybridization of Hidden Markov Model and Case Based Reasoning for time series forecasting <i>Azunda @ Azlina ZAHARI, Jafreezal JAAFAR</i>
Paper 7 (ID-65)	The interaction of subsystems operating in a container terminal: modeling peculiarities and simulation solutions for the logistics chain optimization <i>Guseppe CONVERSO, Mosè GALLO, Teresa MURINO</i>
Paper 8 (ID-73)	An Improved Intrusion Detection Approach using Synthetic Minority Over-Sampling Technique and Deep Belief Network <i>S. Hasan ADIL, S. Saad Azhar ALI, Kamran RAZA, A. Mahmood HUSSAAN</i>
Paper 9 (ID-92)	Feasibility of Text Visualization in Text Steganalysis <i>Rose Hafisah AB. RAUF, Nurhafizah JAMAL</i>
Paper 10 (ID-108)	Hybrid Genetic Algorithm of Interferometric Synthetic Aperture Radar For Three-Dimensional Coastal Deformation <i>Maged MARGHANY</i>
Paper 11 (ID-112)	A Probabilistic Logic to Reason about the Interaction between Knowledge and Social Commitments in MASs <i>Khalid SULTAN, Jamal BENTA HAR, Omar MAREY</i>
Paper 12 (ID-117)	An evolutionary algorithm for Simultaneous Localization And Mapping (SLAM) with a new fitness function <i>Mohsen MAHRAMI, Habibollah HARON, Ali ASADI</i>
Paper 13 (ID-124)	Synchronous Gravitational Search Algorithm vs Asynchronous Gravitational Search Algorithm: A Statistical Analysis <i>Nor Azlina AB. AZIZ, Zuwairie IBRAHIM, Sophan Wahyudi NAWAWI, Shahdan SUDIN, Marizan MUBIN, Kamarulzaman AB. AZIZ</i>
Paper 14 (ID-125)	Performance Evaluation of Vector Evaluated Gravitational Search Algorithm II <i>Badaruddin MUHAMMAD, Zuwairie IBRAHIM, Kamarul Hawari GHAZALI, Mohd Riduwan GHAZALI, Muhammad Salihin SAEALAL, Kian Sheng Lim, Sophan Wahyudi NAWAWI, Nor Azlina AB. AZIZ, Marizan MUBIN, Norrima MOKHTAR</i>
Paper 15 (ID-126)	An Assembly Sequence Planning Approach with Binary Gravitational Search Algorithm <i>Ismail IBRAHIM, Zuwairie IBRAHIM, Hamzah AHMAD, Zulkifli MD. YUSOF, Mohd Ibrahim SHAPIAI, Sophan Wahyudi NAWAWI, Marizan MUBIN</i>
Paper 16 (ID-127)	Improving Consistency in Fuzzy Preference Relations with an Allocation of Information Granularity <i>Francisco Javier CABRERIZO, Witold PEDRYCZ, Francisco CHICLANA, Enrique HERRERA-VIEDMA</i>
Paper 17 (ID-128)	A Framework for Improvement a Decision Tree Learning Algorithm Using K-NN <i>Masaki KUREMATSU, Jun HAKURA, Hamido FUJITA</i>
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Paper 22 (ID-100)	Classifying Software Requirements Using Kano's Model to Optimize Customer Satisfaction <i>Balsam A. MUSTASFA</i>
Paper 23 (ID-101)	Requirements Elicitation Techniques Selection Survey <i>Fares ANWAR, Rozilawati RAZALI</i>
Paper 24 (ID-120)	A bi-metric and fuzzy c-means based intelligent stakeholder quantification system for value-based software <i>Muhammad Imran BABAR, Masitah GHAZALI Dayang N.A. JAWAWI</i>
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Paper 33 (ID-40)	Automated WiFi-based Localization and Visualization of Wireless Network <i>Pavel KRIZ</i>
Paper 34 (ID-54)	Managing Information and Knowledge in Malaysia's Flood Management: Towards a New Framework <i>Mohammad Nazir AHMAD, Marini OTHMAN, Nor Hidayati ZAKARIA, Mohd Zuhaili MOHD RODZI</i>
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Paper 36 (ID-67)	Requirement Engineering of Emergency Preparedness and Response Simulation Model for Malaysia Radiation and Nuclear (RN) Emergency Plan Simulator <i>Amy Hamijah Binti AB. HAMID, Mohd Zaidi ABD ROZAN, Roliana IBRAHIM, Safaai DERIS, Ali SELAMAT, Mhd. Noor MUHD YUNUS</i>
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Paper 45 (ID-86)	Epitope Prediction Based on Geometric Spiral Features of Neighboring Surface Residues <i>Ying-Tsang LO, Hamido FUJITA, Tun-Wen PAI</i>
Paper 46 (ID-98)	Minimal Training Time in Supervised Retinal Vessel Segmentation <i>Mohd Zulfaezal CHE AZEMIN</i>
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Paper 52 (ID-72)	Systematic Mapping Study in Automatic Test Case Generation <i>Shayma Mustafa MOHI-ALDEEN, Safaai DERIS, Radziah MOHAMAD</i>
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Paper 64 (ID-27)	Event Lexical Database: A Semantic Role Labeling Approach <i>Nyuk Hiong SIAW, Narayanan KULATHURAMAIYER, Bali RANAIVO-MALANÇON, Jane LABADIN</i>
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