Socio-Digital for The Ummah Cohesion

SESSION 1A
Monday, November 17, 14:00 p.m. – 15:40 p.m.
Session Chair: Prof. Dr. Abu Osman Md Tap, IIUM
Venue: Sarawak Chamber 2

PID: 114. Perceptions of Library and Information Science Community towards Open Source Software Adoption in Libraries of Oman
Saleh AL Zeheimi, Akram M Zeki, Mohammed Razi, Samer M. Zain, Adamu Abubakar.

PID: 55. Open Source Software in Small Libraries Myths and Realities
Normi Sham Awang Abu Bakar and Yushiana Mansor.

Nik Roslina Raja Ismail and Yushiana Mansor.

PID: 111. Investigating the Factors that Influence the Quality of Open Source Systems
Normi Sham Awang Abu Bakar and Nadiah Arsat.

PID: 18. A User Study on the Experience of Information Seeking for Islamic and Quranic Information on the Web
Rita Zaharah Wan-Chik.

PID: 2. Exploring Information Technology Governance in a Malaysian Public University: Providers’ Perspectives
Binyamin Adeniyi Ajayi and Husnayati Hussin.

Socio-Digital and Innovative Islamic Application

SESSION 1B
Monday, November 17, 14:00 p.m. – 15:40 p.m.
Session Chair: Prof. Dr. Asadullah Shah, IIUM
Venue: Sarawak Chamber 3

PID: 138. S-Rater: Data Mining Application in Islamic Financial Sector
Mira Kartiwi, Tika Arundina, Mohd Azmi Omar, and Teddy Surya Gunawan.

PID: 53. Metadata Interoperability Requirements for Aggregating Islamic Manuscript Bibliographic Records
Sharifah Nur Amirah Sarif Abdullah and Yushiana Mansor.

PID: 126. Prevention of Attack on Islamic Websites by Fixing SQL Injection Vulnerabilities using Co-evolutionary Search Approach
Kabir Umar, Abu Bakar Sultan, Hazura Zulzalil, Novia Admodisastro, and Mohd Taufik Abdullah.

PID: 139. 3D Animation As An Alternative Mean of Da’wah for Children
Mohd. Zharif Draman and Akram M. Zeki.
PID: 84. Exploring User Spiritual Experience with Islamic Websites For Elderly
Fariza Hanis Abdul Razak, Nor Rasyidah Haminudin, Wan Adilah Wan Adnan, Nurazzah Abd Rahman and Hani Fuziah Abdul Rahman.

**Socio-Digital in Education and Training**

**SESSION 1C**
Monday, November 17, 14:00 p.m. – 15:40 p.m.
Session Chair: Dr. Adnan Shahid Khan, UNIMAS
Venue: Wind Suite 2

PID: 92. Online Dyslexia Screening Test for Malaysian Young Adults in Bahasa Melayu
Nur Amalina Mohamad Hazawawi and Syariffanor Hisham.

PID: 132. Older People and Their Use of Mobile Devices: Issues, Purpose and Context
Muna Azuddin, Sofianiza Abd Malik, Lili Marziana Abdullah and Murni Mahmud.

PID: 33. Scaffolded Arabic Language Mobile Educational Game
Syed Ahmad Aljunid, Mohamad Ashraf Mohamad Amin and Anis Shobirin Abdullah Sani.

PID: 19. Issues of E-Learning in Developing Countries: A Nigerian Perspective
Balogun Naeem Atanda and Abd Rahman Ahlan.

Jonathan Mantikayan, Lili Marziana Abdullah and Montadzah Ambag Abdulgani.

**Socio-Digital for Research, Innovation and Commercialization**

**SESSION 1D**
Monday, November 17, 14:00 p.m. – 15:40 p.m.
Session Chair: Assoc Prof. Dr. Yushiana Mansor, IIUM
Venue: Deer Suite

PID: 74. Automated Testing Tools for Mobile Applications
Nurul Husna Saad and Normi Sham Awang Abu Bakar.

PID: 95. A Region-to-Point Indoor Localization Approach via RSS-Magnetic Fingerprinting
Muhammad Faheem Mohd Ezani, Mohd Ariff Abdullah and Shariq Haseeb.

PID: 140. Rapid Development of Smart Parking System with Cloud-based Platforms
PID: 40. The Design and Implementation of a QR-code Enabled Mobile Online Judging Application
Rizal Mohd Nor, Abdulfattah Muhyiddeen Muhd Ridzuan and Mohamed Jalaldeen Mohamed Razi.

PID: 87. Towards a Mobile and Context-Aware Framework from Crowdsourced Data
Akhlaq Ahmad, Md. Abdur Rahman, Imad Afyouni, Faizan Ur Rehman, Bilal Sadiq, and Mohamed Ridza Wahiddin.

PID: 129. Automated Mobile-based Grader for Piper Nigrum
D.N.F Awang Iskandar, Ahmad Hadinata Fauzi and Aaron Ong Ik Loon.

PID: 141. Word Classification for Sign Language Synthesizer using Hidden Markov Model
Haris A.Maarif, R. Akmeliawati, Zaw Z. Htile and Teddy Surya Gunawan.

PID: 83. Two-Mode Complex Network Modeling of Dengue Epidemic In Selangor, Malaysia

PID: 109. Speech Emotion Identification Analysis based on different Spectral Feature Extraction Methods
Norhaslinda Kamaruddin, Abdul Wahab Abdul Rahman and Nor Sakinah Abdullah.

PID: 143. Quranic Texts Retrieval in Indri
Roslina Othman and Fauziah Abdul Wahid.

PID: 90. Social Networks Privacy Policy Awareness among Undergraduate Students: The Case of Twitter
Shuhaili Talib, Nur Ain Ismail, Akeem Olololayemo, Sharifah Aina Syed Naser, Siti Zalifah Haron, and Asma Hanisah Mohammad Yusof.
Socio-Digital and Innovative Islamic Application
SESSION 2B  Monday, November 17, 16:00 p.m. – 17:40 p.m.
Session Chair: Dr. M. M. Hafizur Rahman, IIUM
Venue: Sarawak Chamber 3

PID: 39. Developing The Novel Quran and Hadith Authentication System
Amirrudin Kamsin, Abdullah Gani, Ishak Suliaman, Salinah Jaafar, Rohana Mahmud, Aznul Qalid Md Sabri, Zaidi Razak, Mohd Yamani Idna Idris, Maizatul Akmar Ismail, Noorzaily Mohamed Noor, Siti Hafizah Ab Hamid, Norisma Idris, Mohd Hairul Nizam Md Nasir, Khadher Ahmad, Sedek Ariffin, Mustaffa Abdullah, Siti Salwah Salim, Ainuddin Wahab Abdul Wahid, Hannyzzura Pal@Affal, Suad Awab, Mohd Jamil Maah, and Mohd Yakub Zulkifli Mohd Yusoff

Socio-Digital in Education and Training
SESSION 2C  Monday, November 17, 16:00 p.m. – 17:40 p.m.
Session Chair: En. Abdul Rahman Mat, UNIMAS
Venue: Wind Suite 2

PID: 91. Tablet technology integration framework for slow learner learning
Azizzeanna Hassan, Murni Mahmud, and Abu Osman Md. Tap.

PID: 23. A Usability Testing On jFakih Learning Games for Hearing Impairment Children
Azham Hussain, Norasyikin Abdul Mutalib and Azida Zainol.

PID: 67. Student Performance Analysis System (SPAS)
Chew Li Sa, Dayang Hanani bt. Abang Ibrahim, Emmy Dahliana Hossain, and Mohammad bin Hossin.
PID: 118. Innovative Web 2.0 Based Collaborative Learning and study circle Model: Integrating Islamic revealed knowledge and Human science
   Farib Ataie, Asadullah Shah and Mior Nasir Mior Nazir.

PID: 104. CART - An Arabic Teaching-Learning Tool for Non-native Arabic Speakers
   Ahmad Hasanul Ishraf Shuib, Normaziah Abdul Aziz, Nuraihan Md. Daud, Haslina Hasan

Socio-Digital for Research, Innovation and Commercialization
SESSION 2D
Tuesday, November 17, 16:00 p.m. – 17:40 p.m.
Session Chair: Assoc. Prof. Dr. Normaziah Abdul Aziz, IIUM
Venue: Deer Suite 2

PID: 108. Comparative Study of Some Symmetric Ciphers in Mobile Systems
   Khalid Fadhil Jasim and Imad Fakhri Al Shaikhli.

PID: 123. Design and Development of Portable Classroom Attendance System Based on Arduino and Fingerprint Biometric
   Nur Izzati Zainal, Khairul Azami Sidek, Teddy Surya Gunawan, Hasmiah Mansor, and Mira Kartiwi.

PID: 124. Mobile Based Development of a Voter Information Management System (Sipendalih) for the 2014 Indonesian Presidential Election: Case of Indonesian Voters in Malaysia
   Nashrul Hakiem, Abdul Mutholib, and Umar Aditiawarman.

PID: 100. An Empirical Study of Customers’ Adoption of Mobile Money Transfer Services in Somaliland
   Ishaq Oyebisi Oyefolahan, Sa’ad Abdirisak Ahmed, and Adamu Abubakar.

PID: 56. Consumers’ Perceptions Towards Mobile Halal Application System
   Elistina Abu Bakar, Nashaqilla Norlee Roslee and Aznan Zuhid Saidin.

Socio-Digital for Data Analysis, Prediction and Model Identification
SESSION 2E
Tuesday, November 17, 16:00 p.m. – 17:40 p.m.
Session Chair: Dr. Al-Sakib Khan Pathan, IIUM
Venue: Lady Suite 2

PID: 32. Calculus And Its Applications In Scale-Free Networks
   Abdul Waheed Mahesar, Hafiz Abid Mahmood Malik, Akhlaq Ahmad, Asadullah Shah, and Mohamed Ridza Wahiddin.

PID: 10. Evaluating Cyber Terrorism Components In Malaysia
   Zahri Yunos and Rabiah Ahmad.
PID: 49. Coordinate Negative Content Filtering and Threat Detection in Thailand on the Internet Infrastructure
Sahidan Abdulmana and Burhan Saleh.

PID: 6. Techniques for Analysing Android Malware
Olawale Surajudeen Adebayo and Normaziah Abdulaziz.

PID: 63. Improving Hybrid Speaker Verification in Noisy Environments Using Least Mean-Square Adaptive Filters
Mohd Zaizu Ilyas, Puteh Saad, Muhammad Imran Ahmad, Ahmad Taufik Rusli, Salina Abdul Samad, Aini Hussin & Khairul Anuar Ishak.

Socio-Digital for The Ummah Cohesion
SESSION 3A Tuesday, November 18, 08:50 a.m. – 10:50 a.m.
Session Chair: Prof. Dr. Abu Osman Md Tap, UNIMAS
Venue: Sarawak Chamber 2

PID: 66. TOPAZ Simulator on Mesh and Torus Network
M.M. Hafizur Rahman, Ala Ahmed Yahya Hag, Rizal Mohd Nor and Tengku Mohd Tengku Sembok.

PID: 52. A Neighbour Discovery Approach for Cognitive Radio Network Using Tower of Hanoi (ToH) Sequence Based Channel Rendezvous

PID: 121. Code Location based forwarding technique in Opportunistic Network
Halikul Lenando, Qin Feng, Mohamad Nazim Jambli, Johari Abdullah and Kartinah Zen.

PID: 65. Crosstalk Freeness of Concatenated Modified Plus-Minus 2¹ Photonic Switching Network

Abdulsalam Ya’u Gital, Abdul Samad Ismail, Haruna Chiroma, Adamu I. Abubakar, Bala Ma’aji Abdulhamid, Jaafar Zubairu Maitama, and Akram Zeki

Socio-Digital and Innovative Islamic Application
SESSION 3B Tuesday, November 18, 08:50 a.m. – 10:50 a.m.
Session Chair: Dr. Ishaq Oyebisi Oyefolahan, IIUM
Venue: Sarawak Chamber 3

PID: 77. Frequent Pattern Extraction in the Tafseer of Al-Quran
Stephanie Chua and Puteri Nor Ellyza binti Nohuddin.

PID: 36. Exploring Factors that Influence Muslim Intention to Purchase Online
Montadzah Ambag Abdulgani and Mohd Adam Suhaimi.

PID: 64. Investigating How the Sources of Online Audio Qur’an Empower Listeners

PID: 146. Personal Learning Environment Framework for a Self-help Maqam-based Search System

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**Socio-Digital for Research, Innovation and Commercialization**

**SESSION 3C**
Tuesday, November 18, 08:50 a.m. – 10:50 a.m.
Session Chair: Dr. Zulkefli Muhammed Yusof, IIUM
Venue: Deer Suite

PID: 117. RFID Based Smart Hospital Management System: A Conceptual Framework

PID: 30. A Study on Improving Security Warnings
Zarul Fitri Zaaba, Steven M. Furnell, and Paul S. Dowland.

PID: 122. Identify the best location to place data based on social intercation in opportunitic network
Halikul Lenando, Goh Sing Sian, Adnan Shahid Khan and Ahmad Hadinata Fauzi.

PID: 21. Preventing Persistent Cross-Site Scripting (XSS) Attack By Applying Pattern Filtering Approach
Imran Yusof and Al-Sakib Khan Pathan.

PID: 5. An Intelligence based Model for the Prevention of Advanced Cyber-Attacks
Olawale Surajudeen Adebayo and Normaziah Abdulaziz.
PID: 61. Students’ Opinions on the Usage of Online Learning
Ahmad Muhaimin Mohamad, Farahwahida Mohd, Yusof and Baharuddin Aris.

PID: 15. Web-Based E-Learning Systems Success and Acceptance: A review of Contributing Factors from the Instructors’ Perception
Ishaq Oyebisi Oyefolahan and Nahel A O Abdallah.

PID: 130. User Generated Content and Internet User’s Value: Does Website Quality Matter?
Farzana Quoquab, Morteza Zeinali, Nomahaza Mahadi and Jihad Mohammad.

PID: 73. User Perception on Interactive Digital Exhibits and Learning Experience
Juliana A. Abubakar, Murni Mahmud and Puteri Shireen Jahnkassim.

PID: 75. Test Driven Development Contribution in Universities in Producing Quality Software: A Systematic Review
Norzariyah Yahya and Normi Sham Awang Abu Bakar.

PID: 25. Ethical Perspective of Learning Management System A Model to support moral character of online learner
Abdulhafeez Muhammad, Heider Wabsheh, Asadullah Shah and Farooq Ahmad.

PID: 133. Systematic Review of Computational Modeling of Mood and Emotion
Dini Handayani, Hamwira Yaacob, Abdul Wahab Abdul Rahman, Wahju Sediono, Asadullah Shah

PID: 54. Eye 2H: A proposed automated smart home control system for detecting human emotions through facial detection

PID: 99. Graphical Based Monitoring of the Earth’s Electric Field Signal prior to the Earthquake
PID: 101. CMAC-based Computational Model of Affects (CCMA) for profiling emotion from EEG signals
Hamwira Yaacob, Wahab Abdul, Imad Fakhri Al Shaikhli and Norhaslinda Kamaruddin.

PID: 85. An Ontology Based Framework for Shariah Sustenance in the West
Rasheed Rabbi.

PID: 37. Web Usage Mining: A Review of Recent Works
Rosli Omar, Abu Osman Md Tap, and Zainatul Shima Abdullah.

Socio-Digital for The Ummah Cohesion
SESSION 4A  Tuesday, November 18, 11:00 a.m. – 13:00 p.m.
Session Chair: Dr. Nashrul Hakiem, UIN
Venue: Sarawak Chamber 2

PID: 88. An IT governance framework for achieving the development of Academic Programme in Higher Institutions: A case of Universiti Malaysia Sarawak (UNIMAS)
Nadianatra Musa, Dayang Hanani Abang Ibrahim, Noor Alamshah Bolhassan, Johari Abdullah, Narayanan Kulathuramaiyer, and Mohamad Nazri Khairuddin.

PID: 41. The Success Factors in Government Information Sharing (GIS) Empirical findings from the Malaysian’s Natural Disaster Management Context
Abdul Rahman Ahmad Dahlan, Hayati Mohd Dahan and Md Yazid Mohd Saman.

PID: 94. E-commerce adoption in SME Retail Sector: a conceptual model
Mohammad Ruhul Amin and Husnayati Hussin.
E-commerce Adoption in SME Retail Sector: A conceptual model

PID: 125. Privacy Concern and Perceived Benefits towards Privacy and Election in Indonesia
Muharman Lubis and Mira Kartiwi.

Socio-Digital for Data Analysis, Prediction and Model Identification
SESSION 4B  Tuesday, November 18, 11:00 a.m. – 13:00 p.m.
Session Chair: Br. Hamwira Yaacob, IIUM
Venue: Deer Suite

PID: 120. Dynamic Linear Feedback Shift Registers: A Review
Fardous Mohamed Ali Eljadi and Imad Fakhri Taha Al Shaikhli.

PID: 131. Four Persons Envy-Free Division: A Case Study
Farin Rahman, Mahjabeen Mostafa, and M.M. Hafizur Rahman.
PID: 112. A Study on the effects of EEG and ECG signals while listening to Qur’an recitation
Imad Fakhri Taha Alshaikhli, Sabaa Ahmed Yahya, Irma Pammusu and Khamis Faraj Alarabi.

PID: 43. Linguistic Approximations of Distances for Indoor Location Authority
Akeem Olowolayemo, Abu Osman Md Tap, and Teddy Mantoro.

PID: 28. Simulation of Resource Sharing Architecture between Clouds (ReSA) using Java Programming
Ahmad Waqas, Zulkefli Muhammed Yusof, Asadullah Shah, Zeeshan Bhatti, Nadeem Mahmood.

Socio-Digital in Education and Training
SESSION 4C Tuesday, November 18, 11:00 a.m. – 13:00 p.m.
Venue: Sarawak Chamber 3

PID: 135. Perception Analysis of Social Networks’ Privacy Policy: Instagram as a case study
Shuhaili Talib, Sitti Munirah Abdul Razak, Akeem Olowolayemo, Melasari Salependi, Nur Fatihah Ahmad, Syakila Kunhamoo, and Siti Khalijah Bani.

PID: 46. Decision to Casting Vote: An Ordinal Regression Stastical Analysis
Muharman Lubis, Mira Kartiwi and Sonny Zulhuda.

Juhaida Ismail, Nor Laila Md Noor and Wan Abdul Rahim Wan Mohd Isa.

PID: 144. Effects of perceived task complexity on the information types needed and information sources used by lawyers
Nafisat Adewale and Yushiana Mansor.

PID: 44. The Effect of IQ vs. EQ on Knowledge Management and Innovation
Noordin, MF and Karim, ZA.


PID: 58. Mosque As Metaphor Analogy: Incorporating Islamic Values In Desktop Design
Zan Azma bt Nasruddin and Husnayati Hussin.
PID: 115. Organizational Factors, Percieved Acceptance and Behavioral Intention as Dimensions of Knowledge Management Readiness
Mohamed Jalaldeen Mohamed Razi, Nor Shahriza Abdul Karim and Norshidah Mohamed.

Azlin Nordin, Norsaremah Salleh and Lili Marziana Abdullah.

PID: 96. Responsible Tourism System Dynamic Planning Model for Rural Area
Khoo Wen Keat and Nadianatra bt Musa.

PID: 42. Dearth of Information Technology Governance Studies in Developing Nations: Making Case for Nigeria
Binyamin Adeniyi Ajayi and Rashidah Funke Olanrewaju.

PID: 127. Text Normalization Algorithm for Facebook Chats in Hausa Language
Jaafar Zubairu Maitama, Usman Haruna, Abdullahi Ya'u Gambo, Bimba Andrew Thomas, Norisma Binti Idris, Abdulsalam Ya'u Gital, and Adamu I. Abubakar

PID: 51. Using Regular Expressions for Mining Data in Large Software Repositories
Normi Sham Awang Abu Bakar.

PID: 12. Trends and Perceptions of Evidence-based Software Engineering Research in Malaysia
Norsaremah Salleh and Azlin Nordin.

PID: 31. eSoulKitchen Program - Enhancing Societal Wellbeing and Wealth Creation for Orang Asli Community at Pos Selim, Perak
Abdul Rahman Ahmad Dahlan, Jamaludin Ibrahim, Noor Sakinah Aniza Binti Zakaria, Iryani Binti Ishak, Nur Nazihah Binti Rahim, and Nur Azrin Binti Abd Malek.

PID: 13. Hybrid Modified Booth Encoded Algorithm-Carry Save Adder Fast Multiplier
Nik Ghazali Nik Daud, F.R.Hashim, Muhazam Mustapha & M.S.Badruddin.