

Session Details

Session A1 Theme : Smart City and Well-being Date: 15 March 2016; Venue: IBR105			
Time	Paper ID	Paper Title	Authors/Presenter
13:30- 13:45	MECP625	Performance Evaluation of G3 Narrowband PLC Standard for Transmission through Single and Paired Transformer	Ann Dulay, Ralph Ian R. Astillero, Patrick Guillano P. La Rosa, Rex John Lewis L. Tan, Andre D. Tapang, Arnold Santos
13:45- 14:00	MECP1083	NOC based Advanced Communication Systems for Smart City Management Programs: Application Specific NoC Topology for Corrosion Sensor Networks - A Case Study	Indrani Palanisamy, Akilandeswari. K, Manoharan. S.P
14:00- 14:15	MECP1214	An Efficient DCSK: A Real Time Simulation for Future Chaotic Communications	Nizar Al Bassam, Sumesh EP, Muhammad Bashir
14:15- 14:30	MECP1249	A Review on the potential of cloud-based Collaboration in Construction industry	Qusay Al Maatouk, Mohd. Shahizan Bin Othman, Ayman Al-Khazraji

Session A2**Theme : Big data Analytics****Date: 15 March 2016; Venue: IBR106**

Time	Paper ID	Paper Title	Authors/Presenter
13:30- 13:45	MECP322	Study on Network Failure Prediction Based on Alarm Logs	Jiang ZHONG, Weili GUO, Zhenhua WANG
13:45- 14:00	MECP1000	An exploratory study on Big data processing: a case study from a biomedical informatics	Smitha Nair, Nandita Ganesh
14:00- 14:15	MECP803	Novel Scheme To Heal MANET in Smart City Network	Jitendra Pandey, Ashwani Kush, Vishal Dattana, Rasha Al Ababseh
14:15- 14:30	MECP968	Proposed Application of Big Data Analytics in Healthcare at Maharaja Yeshwantrao Hospital	Mimoh Ojha, Kirti Mathur

Session A3

Theme : Big data Analytics

Date: 15 March 2016; Venue:IBR107

Time	Paper ID	Paper Title	Authors/Presenter
13:30- 13:45	MECP952	Dimensionality Reduction and Classification of Hyper spectral Images using DWT and DCCF	Jacintha Menezes, Nagesha Poojary
13:45- 14:00	MECP1287	Recognizing Image Splicing Forgeries using Histogram Features	Vaishnavi D, T.S.Subashini
14:00- 14:15	MECP1331	Tools for Managing the Subsurface, An Approach for Smart Cities	Ekkehard Holzbecher
14:15- 14:30	MECP1228	The Impact of Cloud Computing IT Departments: A Case Study in Oman's Financial Institutions	Abeer Al-Lawati, Ali H. Al-Badi

Session B1**Theme : Big data Analytics****Date: 15 March 2016; Venue: IBR105**

Time	Paper ID	Paper Title	Authors/Presenter
15:30- 15:45	MECP196	Prediction of the Closing Price in the Dubai Financial Market: A Data Mining Approach	Noura Al Darmaki, Noura Al Mansouri, Elfadil A. Mohamed, Ibrahim El siddig Ahmed, Nazar Zaki
15:45- 16:00	MECP536	The Potential for Big Data to Enhance the Higher Education Sector in Oman	Riffai M.M.M.A, David Edgar, Peter Duncan, Ahmed Hassan Al-Bulushi
16:00- 16:15	MECP583	A Survey on Business Intelligence tools for University Dashboard development	Mohan Sellappa Gounder, Vani Vasudevan Iyer, Abdul aziz Al Mazyad
16:15- 16:30	MECP921	Utilizing big data analytics as a solution for smart cities	Ashraf Ismail
16:30- 16:45	MECP994	A Framework for Next Generation User Authentication	Abdel kader Ouda
16:45- 17:00	MECP1016	A Customer Focused Open Data Platform	Cherlton Millette, Patrick Hosein

Session B2**Theme : Big data Analytics****Date: 15 March 2016; Venue:IBR106**

Time	Paper ID	Paper Title	Authors/Presenter
15:30- 15:45	MECP1090	Clustering the Seoul Metropolitan Area by Travel patterns based on a Deep Belief Network	Gain Han, Keemin Sohn
15:45- 16:00	MECP1174	Progression analysis of students in a higher education institution using big data open source predictive modeling tool	Manju Jose, Preethy Sinu Kurian, Biju V
16:00- 16:15	MECP1198	Big Data for Institutional Planning, Decision Support and academic excellence	Anjum Zameer Bhat, Imran Ahmed
16:15- 16:30	MECP1327	Reducing Sensors Using Non Linear Regressions Analysis of stored measurements (ReSUPoRA)	Ammar Balouch
16:30- 16:45	MECP779	Leveraging on open data to solve city challenges: A case study of Windhoek municipality	Lameck Mbangula Amugongo, Shawulu N Nggada, Jürgen Sieck

Session B3**Theme : Big data Analytics****Date: 15 March 2016; Venue: IBR107**

Time	Paper ID	Paper Title	Authors/Presenter
15:30- 15:45	MECP599	Mining Social Networks to Discover Ego Sub-Networks	Alaaldin Madani Mohammad Marjan
15:45- 16:00	MECP634	A CDF based Lifting scheme for the satellite image compression	Sendamarai.P , M.N.Giri Prasad, Madhava Prabhu , Nagesh K.N
16:00- 16:15	MECP662	Cascaded Feed Forward Neural Networks and Generalized Regression as Post Classifiers for Epilepsy Risk Level Classification- A Study	Sunil Kumar Prabhakar, Harikumar Rajaguru
16:15- 16:30	MECP686	Dynamic Path planning and Decentralized FLC Path Following Implementation for WMR Based on Visual Servoing	Emad El-sheikh, M. A. El-Bardini , M. A. Fkirin
16:30- 16:45	MECP923	Comparative Analysis of Lossless Compression Techniques in Efficient DCT-Based Image Compression System Based on Laplacian Transparent Composite Model and an Innovative Lossless-Compression Method for Discrete-Color Images	Thafseela Koya Poolakkachalil, Saravanan Chandran, Muralidharan R, Vijayalakshmi K

Session B4**Theme : Smart City and Well-being, Technologies for Big data****Date: 15 March 2016; Venue: IBR108**

Time	Paper ID	Paper Title	Authors/Presenter
15:30- 15:45	MECP1240	An architecture of future wireless network for smart cities by improving 4G LTE wireless network	Muhammad Sohail Hayat, Raza Hasan, Syed Imran Ali Kazmi, Abdul Hadi Bhatti
15:45- 16:00	MECP940	Optimizing jobs' completion time in cloud systems during Virtual Machine Placement	Yasser Al harbi, Kun Yang
16:15- 16:30	MECP978	Security analysis of IoT protocols: A focus in CoAP	Reem Abdul Rahman, Babar Shah
16:30- 16:45	MECP1216	IT Personnel Perspective of the Slow Adoption of Cloud Computing in Public Sector: Case Study in Oman	Mohammed Al Kharusi, Ali H. Al-Badi
16:45- 17:00	MECP1224	Critical Success Factors Affecting the Cloud Computing Adoption in Oil and Gas Companies in Oman	Hani Al Muscati Ali H. Al-Badi

Session C1**Theme : Technologies for Big data, Smart City and Well-being****16 March 2016,Venue: IBR105**

Time	Paper ID	Paper Title	Authors/Presenter
11:00- 11:15	MECP192	Muscat Securities Market Index (MSM30) Prediction Using Single Layer Linear Counter propagation (SLLIC) Neural Network	Louay Al-Nuaimy
11:15- 11:30	MECP287	Detection of Melanoma Using Distinct Features	T Y Satheesha, D Satyanarayana, M N Giriprasad, K N Nagesh
11:30- 11:45	MECP585	Bounded Message Delay with Threshold Time Constraint in Delay Tolerant Networks (DTNs)	Ali Abbas, Babar Shah, Feras Al-Obeidat, Farkhund Iqbal
11:45- 12:00	MECP587	A Meta-heuristic Approach for Developing PROAFTN with Decision Tree	Feras Al-Obeidat, Babar Shah, Asad Masood Khattak, Ali Abbas
12:00- 12:15	MECP746	A Genetic Algorithm Solution for Optimization of Smarted Station "Perdawd Gas Station in Kurdistan"	Wassan Adnan Hashim, Hala A. Hashim
12:15- 12:30	MECP812	Evaluating the Force of Contraction of Heart using Ballistocardiogram	M.GANESAN Sumesh EP

Session C2**Theme : Best Practices in Smart Cities, Technologies for Big data, big data analytics****Date:16 March 2016,Venue: IBR106**

Time	Paper ID	Paper Title	Authors/Presenter
11:00- 11:15	MECP832	Energy Aware and Delay-Tolerant Data Gathering in Sensor Networks With a Mobile Sink	Oday Al-Jerew, Nizar Al Bassam
11:15- 11:30	MECP1002	Energy Consumption Clustering in Cloud Data Centre	Salam Ismaeel, Ali Miri, Ayman Al-Khazraji
11:30- 11:45	MECP571	Generation of Electricity from Biogas in Oman	Mohammed F.M Abushammala, Wajeeha A Qazi, Mohammed Hasham Azam, Umair A MEhmood, Ghithaa A Al-Mufragi, Noor Alhuda Alrawahi
11:45- 12:00	MECP1033	Some aspects of rock slopes stabilization in urban areas in Sultanate of Oman	Lema Dakssa
12:00- 12:15	MECP435	Hydro/Wind driven Induction Generator Model for Load Flow Solution of Smart Electricity Infrastructure	James Ranjith Kumar R, Amit Jain

Session C3**Theme : Technologies for Big data, Smart City and Well-being, Best Practices in Smart Cities****16 March 2016, Venue: IBR107**

Time	Paper ID	Paper Title	Authors/Presenter
11:00- 11:15	MECP684	Integration of Smart Mobile Handset Devices in a Smart Healthcare Center Organization: a Proof of Concept	Jamal Siam , Ali Abdo, Muhammad Al Ju'beh
11:15- 11:30	MECP1166	Pricing Vehicle Sharing with Proximity Information	Jakub Marecek , Robert Shorten, Jia Yuan Yu
11:30- 11:45	MECP1246	Big data integration for transition from e-learning to smart learning framework	Prakash Kumar Udupi, Puttaswamy Malali, Herald Noronha
11:45- 12:00	MECP401	Cloud enabled Air Quality Detection, Analysis and Prediction - A Smart City Application for Smart Health	Yash Mehta, Manohara Pai M M, Sanoop Mallisery, Shwetanshu Singh
12:00- 12:15	MECP577	BIM Based Optimal Life Cycle Cost of Sustainable House Framework	Mahmoud Dawood

Session C4**Theme : Smart City and Well-being, Best Practices in Smart Cities****16 March 2016,Venue: IBR108**

Time	Paper ID	Paper Title	Authors/Presenter
11:00- 11:15	MECP893	Automatic Toll E-Ticketing system for Transportation systems	Sana Al-Ghawi, Muna Abdullah Al Rahbi, S.Asif , S.Zahid Hussain
11:15- 11:30	MECP903	Smart Vehicle Security for defending against Collaborative attacks by Malware	Chandrashekar Ramaiah, S.Asif Hussain, S. Zahid Hussain, Yahya Al Balushi
11:30- 11:45	MECP909	Smart Peer Car Pooling System	Raza Hasan, Haftamu Menker, Abdul Hadi Bhatti , Syed Imran Ali, Mohammad Sohail Hayat, Abeer Javed Syed
11:45- 12:00	MECP964	Milk Products Monitoring System With Arm Processor For Early Detection Of Microbial Activity	Shaik Asif Hussain, M.N.Giri Prasad, Chandra Shekar Ramaiah, S. Mazhar Hussain
12:00- 12:15	MECP1248	AgriSys: A Smart and Ubiquitous Controlled-Environment Agriculture System	Aalaa Abdullah, Shahad Al Enazi, Issam Damaj

Session D1			
Theme : Big data Analytics			
16 March 2016, Venue: IBR105			
Time	Paper ID	Paper Title	Authors/Presenter
14:30- 14:45	MECP291	Predicting the Decision for the Provision of Municipal Services Using Data Mining Approaches	Eiman Al Nuaimi, Samira Al Marzooqi, Nazar Zaki
14:45- 15:00	MECP495	A Time Series Data Transformation Engine for Non-Programmer End Users	Cory Schutz, Yan Gao, Daqing Hou , Susan Powers, Stefan Grimberg, Jan DeWaters
15:00- 15:15	MECP682	How will The Internet of Things and Big Data Analytics impact the Education of Learning-Disabled Students? A Concept Paper	Laura Lenz, André Pomp, Tobias Meisen, Sabina Jeschke
15:15- 15:30	MECP1234	Opinion mining from student feedback data using supervised learning algorithms	Dhanalakshmi Venugopal, Dhivya Bino, Saravanan A. M.

Session D2**Theme : Smart City and Well-being****16 March 2016, Venue: IBR106**

Time	Paper ID	Paper Title	Authors/Presenter
14:30- 14:45	MECP313	Automatic Generation of 3D House Models with Solar Photovoltaic Generation for Smart City	Kenichi Sugihara Zhenjiang Shen
14:45- 15:00	MECP365	Fault Detection and Diagnosis for Smart Buildings: State of the Art, Trends and Challenges	Sanja Lazarova-Molnar, Hamid Reza Shaker, Nader Mohamed, Bo Nørregaard Jørgensen
15:00- 15:15	MECP1104	CE-BEMS: A Cloud-Enabled Building Energy Management System	Nader Mohamed, Sanja Lazarova-Molnar, Jameela Al-Jaroodi
15:15- 15:30	MECP373	Smart Real-Time Healthcare Monitoring and Tracking System using GSM/GPS Technologies	Kahtan Aziz, Saed Tarapiah, Salah Haj Ismail, Shadi Atalla

Session D3

Theme : Smart City and Well-being, Best Practices in Smart Cities, Big data Analytics

16 March 2016, Venue: IBR107

Time	Paper ID	Paper Title	Authors/Presenter
14:30- 14:45	MECP1283	A Review of Connectivity Challenges in IoT Smart Home	Sujin Issac Samuel
14:45- 15:00	MECP885	Analytics within UAE Higher Education Context	Adam Marks, Maytha AL-Ali
15:00- 15:15	MECP1134	A comparative Study of Various Clustering Techniques for Big Data Sets using Apache Mahout	Venkateswara Reddy Eluri, Amina Salim Mohd AL-Jabri, M.Ramesh, Mare Jane