



NED University of Engineering & Technology, Karachi
 1st International Conference on Innovations in Computer Science & Software Engineering
ICONICS-2016 Conference Program



Day-1 Thursday, 15th December 2016

8:30 – 11:10	Inaugural Session	8:30 - 10:00	Registration
		10:00 – 10:03	Recitation
		10:03 – 10:08	National Anthem
		10:08 - 10:12	Welcome address by Dean (ISH) : Prof. Dr. Muhammad Tufail
		10:12 - 10:30	Keynote Speech : <i>Internet of Things (IoT) and Its Applications</i> Prof. Dr. Junaid Ahmed Zubairi The State University of New York United States of America
		10:30 - 10:40	Vice Chancellor Speech
		10:40 - 10:50	Guest of Honor Speech
		10:50 - 11:00	Chief Guest Speech
		11:00 - 11:05	Vote of Thanks by Prof. Dr. Najmi Ghani Haider
		11:05 - 11:10	Photo Session
11:10 - 11:30	Hi-Tea		
11:35 – 12:55	Technical Papers session-I Venue : Main Auditorium	Session-I : Artificial Intelligence, Speech and Pattern Recognition Session Chair : Prof. Dr. Junaid Ahmed Zubairi ; Session Co-Chair : Prof. Dr. Sohail Abdul Sattar	
		11:35 - 11:55	Keynote Speech <i>Selfish Routing vs Cooperative Routing for congestion control in Wireless Networks</i> Prof. Dr. Nasreen Badruddin Universiti Teknologi PETRONAS Malaysia
		11:55 - 12:15	Dynamic Ontology Modeling for Human Activity Recognition <i>Anum Afzal, Syeda Hiba Ahmad, Hameeza Ahmed and Muhammad Ali Ismail</i>
		12:15 - 12:35	Noise Pattern Recognition in Oceanic Environment Using Statistical Characterization of Oceanic Noise in Deep Sea <i>Junaid Iqbal and Sohail Abdul Sattar</i>
		12:35 - 12:55	Estimating News Coverage Index Using Probabilistic Topic Model <i>Muazzam Siddiqui, Tafseer Khan and Sohail Sattar</i>
13:00 - 14:00	Prayers/Lunch Break		
14:00 – 15:40	Technical Papers session-II Venue : Main Auditorium	Session-II : Internet of Things (IoT) & Computer Systems Session Chair : Dr. Syed Saad Azhar Ali ; Session Co-Chair : Dr. Muhammad Mubashir Khan	
		14:00 - 14:20	Keynote Speech : Content Optimization for Neuro feedback based Treatment of Stress and Depression Dr. Syed Saad Azhar Ali Universiti Teknologi PETRONAS Malaysia
		14:20 - 14:40	IoT Enabled Solution for Monitoring Health of Crops <i>Ramal Jafri, Murk Marvi, Laeeq-Uz Zaman and Muhammad Khurram</i>
		14:40 - 15:00	A Compact, Standalone and Accelerated Spiking Silicon Neuron for Neuromorphic Hardware <i>Saad Qasim Khan and Muhammad Khurram</i>
		15:00 - 15:20	A Cost Effective Solution for IoT Enabled Ultrasonic Anemometer Sensor Design <i>Muhammad Awais, Murk Marvi, Syed Suleman Abbas Zaidi and Muhammad Khurram</i>
		15:20 - 15:40	Greenhouse Monitoring And Automation System <i>Shahram Najam and Aamir Zeb Shaikh</i>
	LAB-3 (CSSE)	Workshop Session	
Workshop Title: Social Network Analysis Presenter: Dr. Rauf Ahmed Shams Malick (DHA SUFFA University Karachi, Pakistan)			
15:40 - 16:30	Tea		

Day-2 Friday , 16 th December 2016		
9:00 - 10:40	Technical Papers session-III Venue : Main Auditorium	Session-III : Data Mining Session Chair : Dr. Mhuammad Atif Tahir : Session Co-Chair : Dr. Saman Hina
		09:00 - 09:20 Keynote Speech : Multilabel Machine Learning Algorithms for Text, Image, and Video Classification Dr. Mhuammad Atif Tahir Northumbria University United Kingdom
		09:20 - 09:40 Resolving Syntactic Ambiguities in Urdu Text <i>Fazal Aman and Muhammad Abid Khan</i>
		09:40 - 10:00 Development of Pre-processing Tools for Urdu Text Processing <i>Noor Ul Ain Ali and Sohail Abdul Sattar</i>
		10:00 - 10:20 Implementation of a Fuzzy Rule-based Contrast Enhancement System <i>Tariq Javid, Dr. Pervez Akhtar, Azhar Dilshad, Idris Mala and Saood Zia</i>
		10:20 - 10:40 TCP Timeout Mechanism for Optimization of Network Fairness and Performance in Multi-Hop Pipeline Network <i>Siva Kumar Subramaniam, Shariq Mahmood Khan, Nilavalan Rajagopal and Balachandran Wamadeva</i>
10:40 - 11:15	Tea Break	
11:15 - 13:00	Technical Papers Parallel session-IV Venue : Main Auditorium	Session-IV : Computer Networks & Wireless Communications Session Chair : Dr. Muhammad Adnan : Session Co-Chair : Dr. Najeed Ahmed Khan
		11:15 - 11:35 Keynote Speech: How Big Data is changing the world? Dr. Muhammad Adnan Marks & Spencer United Kingdom
		11:35 - 11:55 Location Server Based Proactive Routing Protocol <i>Muhammad Usman Butt, Arshad Shaikh and Hameedullah Kazi</i>
		11:55 - 12:15 Assistance of K-Means in Non-Intrusive Load Monitoring <i>Farah Siddiqui and Daniyal Fatmi</i>
		12:15 - 12:35 Enhancing Pipeline Network Performance Using Dual Interleaving Cluster Head Routing Protocol <i>Siva Kumar Subramaniam, Shariq Mahmood Khan, Nilavalan Rajagopal and Balachandran Wamadeva</i>
	Technical Parallel Papers session-V Venue: Video Conferencing Hall	Session-V : Miscellaneous Session Chair : Dr. Nasreen Badruddin : Session Co-Chair : Dr. Shehnila Zardari
		11:15 - 11:35 Potentiometer Based Hand Gesture Control of Robot Wirelessly <i>Rohana Kamran and Abdul Basit Ayubi</i>
		11:35 - 11:55 An Implementation of FPGA based Data Acquisition Card (DAQ) for Industrial Parameter Control <i>Wajahat Hussain, Maria Siddiqui and Najmi Haider</i>
		11:55 - 12:15 A Comparative Study for Software Cost Estimation Using COCOMO II and Walston-Felix models <i>Aman Ullah, Abdus Salam, Abd Ullah and Samad Baseer</i>
		12:15 - 12:35 Log determinant difference of original and watermarked database for usability analysis <i>Hameed Ullah, Basheer Ahmad and Aihab Khan</i>
13:00 - 14:30	Prayers/Lunch Break	
14:30 - 16:00	Session VI : Poster Presentation Venue: LAB-4 (CSSE)	
Closing Session		
16:00 - 17:15	Venue : Main Auditorium	16:00 - 16:15 Invited Speech : The Commercialization Potential of 5G Dr. Syed Faraz Hasan Massey University, Palmerston North, New Zealand
		16:15 - 16:20 Closing Remarks by Prof. Dr. Najmi Ghani Haider
		16:20 - 16:40 Guest of Honor Speech
		16:40 - 17:00 Chief Guest Speech
		17:00 - 17:15 Presentation of Souvenirs
		17:15 - 17:20 Vote of Thanks by Dr. Shariq Mahmood Khan
		17:20 - 17:30 Photo Session