ICICT Program Schedule

Sat, Dec 30	0900-10:30	JS Auditorium	Inaugural
9:00 - 9:30	Arrival of Delegates and Guests		
9:30 - 9:35	Tilawat		
9:35 - 9:45	**Welcoming Remarks** *Dr. Farrukh Iqbal (Dean & Director, IBA)*		
9:45 - 9:55	**Speech by the Chief Guest** *Dr. Arshad Ali (Executive Director, Higher Education Commission)*		
9:55 - 10:30	**Power of an Analytical Culture** *Keynote 1: Dr. Zubair Anwar (Google, USA)*		

Sat, Dec 30	10:30 11:00	Refreshments	

Sat, Dec 30	11:00 -1:00	Theatre 1, Aman Tower	Keynote/Invited session I
11:00 -11:30	**Algorithms for Digital Intelligence** *Keynote 2: Dr. Sibte Raza Abidi (Dalhousie University, Canada)*		
11:30 - 12:00	**Connected Vehicle Technology: What, Why and How?** *Keynote 3: Dr. Imran Hayee (University of Minnesota, USA)*		
12:00 - 12:30	**Software Defined Networks and their Potential Utilization in Wireless Mesh Networks** *Invited 1: Dr. Aamir Qayyum (CUST Islamabad, Pakistan)*		
12:30 - 1:00	**Machine Learning Techniques for finding abnormalities in the Gastro-Intestinal Tract** *Invited 2: Dr. Muhammad Atif Tahir (FAST-NU Karachi, Pakistan)*		

Sat, Dec 30	1:00 to 2:00	Lunch and Prayer	

Sat, Dec 30	2:00 to 4:00	Theatre 1, Aman Tower	Technical Papers Parallel Session-I	Speech, Image, and Vision Systems
				Session Chair: Dr. Tahir Qasim
2:00 - 2:20	**Comparison of UAV Based Person Detection and Tracking Techniques** *Bilal M Yousuf, Hassaan Ali Qazi, and Zakir Hussain*			
2:20 - 2:40	**Human Action Recognition Using SIFT and HOG Method** *Hassaan Ali Qazi, Umar Jahangir, Bilal M Yousuf, and Aqib Noor*			
2:40 - 3:00	**Improved Chaotic Image Encryption Scheme for Highly Auto correlated Data Using NCA** *Zeeshan Yasin, Shifa Nadeem, Abdullah Saleem, and Waqas Ahmed*			

3:00 - 3:20	**Google Image Suggestions, Extension for Unfamiliar Technologies** *Ammarah Khalid, Reema Qaiser Khan, Wafa Qaiser Khan, and Haji Muhammad Paryal Memon*			
3:20 - 3:40	**Rating Visual Contents of Website Using Brain Computer Interface** *Muhammad SaifulIslam and Humera Farooq*			
3:40 - 4:00	**VQ Based Comparative Analysis of MFCC and BFCC Speaker Recognition System** *Faizan ur Rehman, Chandar Kumar, Shubash Kumar, Atif Mehmood, and Umair Zafar*			
Sat, Dec 30	**2:00 to 4:00**	**Theatre 2, Aman Tower**	**Technical Papers Parallel Session-II**	**Networks & Computer Security**
				Session Chair: Dr. Jawwad Shamsi
2:00 - 2:20	**Towards Dynamic Network Policy Composition and Conflict Resolution in Software Defined Networking** *Taimur Bakhshi, and Bogdan Ghita*			
2:20 - 2:40	**A Survey on Security Issues, Vulnerabilities and Attacks in Android based Smartphone** *Jalal Hur and Jawwad Shamsi*			
2:40 - 3:00	**Detection and Mitigation of Denial of Service (DoS) Attacks Using Performance Aware Software Defined Networking (SDN)** *Wajahat Nasir and Dr. Muhammad Nasir Mumtaz Bhutta*			
3:00 - 3:20	**Wormhole Attack Detection In Routing Protocol for Low Power Lossy Networks** *Muhammad Saad Ahsan, Muhammad Nasir Mumtaz Bhutta, and Moazam Maqsood*			
3:20 - 3:40	**Future Applications and Research Challenges of IoT** *Habib Ur Rehman, Muhammad Asif, and Mudassar Ahmad*			
3:40 - 4:00	**Implementation of Information Security Techniques on Modern Android Based Kiosk/Remittance Machine** *Khalid M.Awan, Muhammad Mudassar Yamin, Zahoor ur Rehman, Peer Azmat Shah*			
Sat, Dec 30	**2:00 - 4:00**	**C9, Aman Tower**	**Technical Papers Parallel Session-III**	**Software & Information Systems**
				Session Chair: Dr. Sufian Hameed
2:00 - 2:20	**Connectivism: E-Learning of Democratic Values on Social Media Public Spheres** *Muhammad Shahid Imran, Muniba Fatima, and Ghadhia Kosar*			
2:20 - 2:40	**Factors Affecting the Transition Time Between Capability Maturity Model Integration (CMMI) Levels in Software Industry of Pakistan: An Empirical Study**			

	Muhammad Noman Riaz		
2:40 - 3:00	**Enabling Scientific Workflow and Gateways using the Standards-based XSEDE Architecture** *Shahbaz Memon, Morris Riedel, Andrew Grimshaw, Daniel Dougherty, Helmut Neukirchen, Matthias Book, Peter Kascuk, Marton Istvan, and Akos Hajnal*		
3:00 - 3:20	**The PeLCoT Model of Software Evaluation** *Samantha Amara and Kathleen (Kay) Greene*		
3:20 - 3:40	**EKQI – An Enhancement of KDQI, Incorporating Mobile Web Access** *Mirza M. Faisal Baig, Syed Rizwan Ali, Azmat Khan, Moazzam F. Niazi, Rizwan Iqbal, and Farhan Sohail*		
3:40 - 4:00	**Quantification of Investor Emotion in Financial News by Analyzing The Stock Price Reaction** *Syed Mamoon Ahmed*		

Sat, Dec 30	2:00 - 4:20	C10, Aman Tower	Doctoral Consortium	

2:00 - 2:25	**Optimizing IEEE 802.15.4 GTS** *Ali Thewarani*	
2:25 – 2:50	**Task Allocations for Multi Robot Teams** *Usman Arif*	
2:50 – 3:15	**A Study on Adaptive MAC Schemes for Prioritized Heterogeneous Traffic in WSN** *Anwar Khan*	
3:15 – 3:40	**Human Decision Making in Recommendation Systems** *Nareen Z. Quazilbash*	
3:40 – 4:05	**Impediments in Intra and Inter-organizational Knowledge Sharing in Post transition care in Hospitals** *Rukaiya Yawar*	

Sat, Dec 30	4:30 - 5:30	C9, Aman Tower	Workshop Session I
4:30 – 5:30	**Workshop 2: Identity Federations** *Shiraz Memon and Shahbaz Memon*		

Sat, Dec 30	5:30	Refreshments	

Day-2

Sun, Dec 31	9:00 - 10:30	JS Auditorium	Keynote Session II	
9:00-9:45	**Technology in everyday life: Digital Divide 2.0** *Keynote 4: Dr. Ozgur Turetken (Ryerson University, Canada) through Video Conferencing*			
9:45-10:30	**Digital Media in Everyday Life** *Keynote 5: Dr. Shu Schiller (Wright State University, USA) through Video Conferencing*			
10:30 - 11:00	**Refreshments**			
Sun, Dec 31	11:00 -1:30	Theatre 1, Aman Tower	Keynote/Invited Session II	
11:00 - 11:30	**Sensor and Communication Technologies for the Internet of Things** *Keynote 6: Dr. Waleed Ejaz (Ryerson University, Canada)*			
11:30 -12:00	**Artificial immune systems and Applications** *Invited 3: Dr. Muhammad Tahir Khan (UET Peshawar, Pakistan)*			
12:00 - 12:30	**Internet of Things: Technologies, Applications and Challenges** *Invited 4: Dr. Adnan Noor Mian (ITU Lahore, Pakistan)*			
12:30 - 1:00	**A Framework for Democratic Knowledge Management using Crowdsourced Human Computation** *Invited 5: Dr. Shahid Shaikh (Habib University, Karachi, Pakistan)*			
01:00 – 02:00	**Lunch and Prayers**			
Sun, Dec 31	2:00 - 4:00	Theatre 1, Aman Tower	Technical Papers Parallel Session-IV	Artificial Intelligence
			Session Chair: Dr. Syeda Saleha Raza	
2:00 - 2:20	**Collaborative Filtering Based Online Recommendation Systems: A Survey** *Basit Mehmood Khan, Asim Mansha, Farhan Hassan Khan, and Saba Bashir*			
2:20 - 2:40	**Short-Term Stochastic Load Forecasting Using Autoregressive Integrated Moving Average Models and Hidden Markov Model** *Jeffrel Hermias, Kardi Teknomo, and Jose Claro Monje*			
2:40 - 3:00	**Determining the Relationship between Speculative Activity and Crude Oil Price Volatility, Using Artificial Neural Networks** *Saqib Khan, Hamed Shafiee Hasanabadi, and Rene Mayorga*			

3:00 - 3:20	**Photovoltaic Power prediction by Cascade forward artificial neural network** *Idris Khan, Honglu Zhu, Danish Khan, and Manoj Kumar Panjwani*
3:20 - 3:40	**Artificial Neural Network based Maximum Power Point Tracking for Solar Photovoltaics** *Haider Agha, Zafar Koreshi, and Mohammad Bilal Khan*
3:40 - 4:00	**Modelling Locational Marginal Prices Using Decision Trees** *Nnamdi Nwulu*

Sun, Dec 31	2:00 – 3:40	Theatre 2, Aman Tower	Technical Papers Parallel session-V	Information Retrieval
				Session Chair: Dr. Khurram Junejo
2:00 - 2:20	**Context Aware You Tube Recommender System** *Manzar Abbas, Muhammad Usman Riaz, Asad Rauf, Muhammad Taimoor Khan, and Shehzad Khalid*			
2:20 - 2:40	**Personality analysis of the USA public using Twitter Profile Pictures** *Shafaan Khaliq Bhatti, Asia Muneer, M Ikram Lali, Muqaddas Gull, and Saira Moin U Din*			
2:40 - 3:00	**Opinion Mining Approaches: A Comparative Study** *Afshan Ejaz, Zakia Turabee, Maria Rahim, and Shakeel Khoja*			
3:00 - 3:20	**Enhanced Ontological Model for The Islamic Jurisprudence System** *Jibran R. Khan, Farhan A. Siddiqui, Adnan A. Siddiqui, Muhammad Saeed, and Nasir Touheed*			
3:20 - 3:40	**Smartphones Usage in Information Retrieval Under Multichannel Settings: An Assessment of Technological Triggers** *Muhammad Noman Riaz*			

Sat, Dec 30	2:00 - 4:20	C9, Aman Tower	Technical Papers Parallel Session-VI	ICT & Society
				Session Chair: Dr. Tafseer Ahmed Khan
2:00 - 2:20	**Virtual Reality as a Physical Training Assistant** *Syed Faizan Ali, Shaheena Noor, Syed Aaqib Azmat, Ahmed Ullah Noor, and Muhammad Hammad Siddiqui*			
2:20 - 2:40	**Automation and Monitoring of Greenhouse** *Muhammad Faizan Siddiqui, Asim ur Rehman Khan, Neel Kanwal, Haider Mehdi, Aqib Noor, and M. Asad Khan*			

Time	Event
2:40 - 3:00	**Important Attributes of Customer Satisfaction in Telecom Industry: A Survey Based Study** *Nusratullah Khan, Muhammad Usman Akram, Asadullah Shah, and Shoab Ahmad Khan*
3:00 - 3:20	**Taxonomy of Ubiquitous Computing: Applications and Challenges** *Azeem Ayaz Mirani, Muhammad Suleman Memon, Mairaj Nabi Bhati, Mudasar Ahmed Soomro, and Mushtaque Ahemd Rahu*
3:20 – 3:40	**Teaching Programming: A Mind Map Based Methodology to Improve Learning Outcomes** *Shahla Gul, Muhammad Asif, Waqar Ahmad, and Uzair Ahmad*
3:40 - 4:00	***An Intelligent Scheme for Source Management*** *Mehre Munir, Mubashar Javed, Saad Hassan kiani, Muhammad Aamir Aman, and Daniyal Babar*

Sun, Dec 31	**2:00 - 4:20**	**C10, Aman Tower**	**Workshop Session II**

Time	Event
2:00 – 4:00	**Workshop 2: Google Analytics** *Dr. Zubair Anwar (Google, USA)*

Sun, Dec 31	**4:30 - 5:30**	**Theatre 1, Aman Tower**	**Closing Ceremony**

Time	Event
4:30 - 4:35	Tilawat
4:35 -4:45	**Closing Remarks** *Dr. Farrukh Iqbal (Dean & Director, IBA)*
4:45 - 4:55	**Presentation of Souvenirs to Keynote and Invited Speakers** *by Dr. Farrukh Iqbal (Dean & Director, IBA)*
4:55 - 5:15	**Presentation of Conference Memorabilia**
5:15 - 5:20	**Vote of Thanks** *Dr. Sayeed Ghani (Associate Dean, FCS)*
5:20 - 5:30	**Photo Session**

Sun, Dec 31	**5:30**	**Refreshments**