

Dec 30th, 9:00 AM - 9:00 AM

## Conference Program Schedule

Institute of Business Administration

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## ICICT Program Schedule

<b>Sat, Dec 30</b>	<b>0900-10:30</b>	<b>JS Auditorium</b>	<b>Inaugural</b>	
9:00 - 9:30	Arrival of Delegates and Guests			
9:30 - 9:35	Tilawat			
9:35 - 9:45	<b>Welcoming Remarks</b> <i>Dr. Farrukh Iqbal (Dean &amp; Director, IBA)</i>			
9:45 - 9:55	<b>Speech by the Chief Guest</b> <i>Dr. Arshad Ali (Executive Director, Higher Education Commission)</i>			
9:55 - 10:30	<b>Power of an Analytical Culture</b> <i>Keynote 1: Dr. Zubair Anwar (Google, USA)</i>			
<b>Sat, Dec 30</b>	<b>10:30 11:00</b>	<b>Refreshments</b>		
<b>Sat, Dec 30</b>	<b>11:00 -1:00</b>	<b>Theatre 1, Aman Tower</b>	<b>Keynote/Invited session I</b>	
11:00 -11:30	<b>Algorithms for Digital Intelligence</b> <i>Keynote 2: Dr. Sibte Raza Abidi (Dalhousie University, Canada)</i>			
11:30 - 12:00	<b>Connected Vehicle Technology: What, Why and How?</b> <i>Keynote 3: Dr. Imran Hayee (University of Minnesota, USA)</i>			
12:00 - 12:30	<b>Software Defined Networks and their Potential Utilization in Wireless Mesh Networks</b> <i>Invited 1: Dr. Aamir Qayyum (CUST Islamabad, Pakistan)</i>			
12:30 - 1:00	<b>Machine Learning Techniques for finding abnormalities in the Gastro-Intestinal Tract</b> <i>Invited 2: Dr. Muhammad Atif Tahir (FAST-NU Karachi, Pakistan)</i>			
<b>Sat, Dec 30</b>	<b>1:00 to 2:00</b>	<b>Lunch and Prayer</b>		
<b>Sat, Dec 30</b>	<b>2:00 to 4:00</b>	<b>Theatre 1, Aman Tower</b>	<b>Technical Papers Parallel Session-I</b>	<b>Speech, Image, and Vision Systems</b>
Session Chair: Dr. Tahir Qasim				
2:00 - 2:20	<b>Comparison of UAV Based Person Detection and Tracking Techniques</b> <i>Bilal M Yousuf, Hassaan Ali Qazi, and Zakir Hussain</i>			
2:20 - 2:40	<b>Human Action Recognition Using SIFT and HOG Method</b> <i>Hassaan Ali Qazi, Umar Jahangir, Bilal M Yousuf, and Aqib Noor</i>			
2:40 - 3:00	<b>Improved Chaotic Image Encryption Scheme for Highly Auto correlated Data Using NCA</b> <i>Zeeshan Yasin, Shifa Nadeem, Abdullah Saleem, and Waqas Ahmed</i>			

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

	<i>Muhammad Noman Riaz</i>		
2:40 - 3:00	<b>Enabling Scientific Workflow and Gateways using the Standards-based XSEDE Architecture</b> <i>Shahbaz Memon, Morris Riedel, Andrew Grimshaw, Daniel Dougherty, Helmut Neukirchen, Matthias Book, Peter Kascuk, Marton Istvan, and Akos Hajnal</i>		
3:00 - 3:20	<b>The PeLCoT Model of Software Evaluation</b> <i>Samantha Amara and Kathleen (Kay) Greene</i>		
3:20 - 3:40	<b>EKQI – An Enhancement of KDQI, Incorporating Mobile Web Access</b> <i>Mirza M. Faisal Baig, Syed Rizwan Ali, Azmat Khan, Moazzam F. Niazi, Rizwan Iqbal, and Farhan Sohail</i>		
3:40 - 4:00	<b>Quantification of Investor Emotion in Financial News by Analyzing The Stock Price Reaction</b> <i>Syed Mamoon Ahmed</i>		
<b>Sat, Dec 30</b>	<b>2:00 - 4:20</b>	<b>C10, Aman Tower</b>	<b>Doctoral Consortium</b>
2:00 - 2:25	<b>Optimizing IEEE 802.15.4 GTS</b> <i>Ali Thewarani</i>		
2:25 – 2:50	<b>Task Allocations for Multi Robot Teams</b> <i>Usman Arif</i>		
2:50 – 3:15	<b>A Study on Adaptive MAC Schemes for Prioritized Heterogeneous Traffic in WSN</b> <i>Anwar Khan</i>		
3:15 – 3:40	<b>Human Decision Making in Recommendation Systems</b> <i>Nareen Z. Quazilbash</i>		
3:40 – 4:05	<b>Impediments in Intra and Inter-organizational Knowledge Sharing in Post transition care in Hospitals</b> <i>Rukaiya Yawar</i>		
<b>Sat, Dec 30</b>	<b>4:30 - 5:30</b>	<b>C9, Aman Tower</b>	<b>Workshop Session I</b>
4:30 – 5:30	<b>Workshop 2: Identity Federations</b> <i>Shiraz Memon and Shahbaz Memon</i>		
<b>Sat, Dec 30</b>	<b>5:30</b>	<b>Refreshments</b>	

Day-2

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

3:00 - 3:20	<b>Photovoltaic Power prediction by Cascade forward artificial neural network</b> <i>Idris Khan, Honglu Zhu, Danish Khan, and Manoj Kumar Panjwani</i>			
3:20 - 3:40	<b>Artificial Neural Network based Maximum Power Point Tracking for Solar Photovoltaics</b> <i>Haider Agha, Zafar Koreshi, and Mohammad Bilal Khan</i>			
3:40 - 4:00	<b>Modelling Locational Marginal Prices Using Decision Trees</b> <i>Nnamdi Nwulu</i>			
<b>Sun, Dec 31</b>	<b>2:00 – 3:40</b>	<b>Theatre 2, Aman Tower</b>	<b>Technical Papers Parallel session-V</b>	<b>Information Retrieval</b>
Session Chair: Dr. Khurram Junejo				
2:00 - 2:20	<b>Context Aware You Tube Recommender System</b> <i>Manzar Abbas, Muhammad Usman Riaz, Asad Rauf, Muhammad Taimoor Khan, and Shehzad Khalid</i>			
2:20 - 2:40	<b>Personality analysis of the USA public using Twitter Profile Pictures</b> <i>Shafaan Khaliq Bhatti, Asia Muneer, M Ikram Lali, Muqaddas Gull, and Saira Moin U Din</i>			
2:40 - 3:00	<b>Opinion Mining Approaches: A Comparative Study</b> <i>Afshan Ejaz, Zakia Turabee, Maria Rahim, and Shakeel Khoja</i>			
3:00 - 3:20	<b>Enhanced Ontological Model for The Islamic Jurisprudence System</b> <i>Jibran R. Khan, Farhan A. Siddiqui, Adnan A. Siddiqui, Muhammad Saeed, and Nasir Touheed</i>			
3:20 - 3:40	<b>Smartphones Usage in Information Retrieval Under Multichannel Settings: An Assessment of Technological Triggers</b> <i>Muhammad Noman Riaz</i>			
<b>Sat, Dec 30</b>	<b>2:00 - 4:20</b>	<b>C9, Aman Tower</b>	<b>Technical Papers Parallel Session-VI</b>	<b>ICT &amp; Society</b>
Session Chair: Dr. Tafseer Ahmed Khan				
2:00 - 2:20	<b>Virtual Reality as a Physical Training Assistant</b> <i>Syed Faizan Ali, Shaheena Noor, Syed Aaqib Azmat, Ahmed Ullah Noor, and Muhammad Hammad Siddiqui</i>			
2:20 - 2:40	<b>Automation and Monitoring of Greenhouse</b> <i>Muhammad Faizan Siddiqui, Asim ur Rehman Khan, Neel Kanwal, Haider Mehdi, Aqib Noor, and M. Asad Khan</i>			

2:40 - 3:00	<b>Important Attributes of Customer Satisfaction in Telecom Industry: A Survey Based Study</b> <i>Nusratullah Khan, Muhammad Usman Akram, Asadullah Shah, and Shoab Ahmad Khan</i>		
3:00 - 3:20	<b>Taxonomy of Ubiquitous Computing: Applications and Challenges</b> <i>Azeem Ayaz Mirani, Muhammad Suleman Memon, Mairaj Nabi Bhati, Mudasar Ahmed Soomro, and Mushtaque Ahemd Rahu</i>		
3:20 – 3:40	<b>Teaching Programming: A Mind Map Based Methodology to Improve Learning Outcomes</b> <i>Shahla Gul, Muhammad Asif, Waqar Ahmad, and Uzair Ahmad</i>		
3:40 - 4:00	<b>An Intelligent Scheme for Source Management</b> <i>Mehre Munir, Mubashar Javed, Saad Hassan kiani, Muhammad Aamir Aman, and Daniyal Babar</i>		
<b>Sun, Dec 31</b>	<b>2:00 - 4:20</b>	<b>C10, Aman Tower</b>	<b>Workshop Session II</b>
2:00 – 4:00	<b>Workshop 2: Google Analytics</b> <i>Dr. Zubair Anwar (Google, USA)</i>		
<b>Sun, Dec 31</b>	<b>4:30 - 5:30</b>	<b>Theatre 1, Aman Tower</b>	<b>Closing Ceremony</b>
4:30 - 4:35	Tilawat		
4:35 -4:45	<b>Closing Remarks</b> <i>Dr. Farrukh Iqbal (Dean &amp; Director, IBA)</i>		
4:45 - 4:55	<b>Presentation of Souvenirs to Keynote and Invited Speakers</b> <i>by Dr. Farrukh Iqbal (Dean &amp; Director, IBA)</i>		
4:55 - 5:15	<b>Presentation of Conference Memorabilia</b>		
5:15 - 5:20	<b>Vote of Thanks</b> <i>Dr. Sayeed Ghani (Associate Dean, FCS)</i>		
5:20 - 5:30	<b>Photo Session</b>		
<b>Sun, Dec 31</b>	<b>5:30</b>	<b>Refreshments</b>	