Dec 12th, 9:00 AM - 9:00 AM

Conference Program Schedule

Institute of Business Administration

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Conference Program

Day 1--Saturday, 12-Dec-2015				
9:00 - 10:30	**Inaugural G&T Auditorium**	9:00 - 9:30	Arrival of Delegates and Guests	
		9:30 - 9:35	Tilawat	
		9:35 - 9:45	Welcoming Remarks by Dean & Director IBA	
		9:45 - 9:55	Introduction of Keynote Speakers	
		9:55 - 10:30	Prof. Rui Neto Marinheiro	Service and Flow management
10:30 - 11:00			**Refreshments at Alumni Students' Center**	
11:00 - 1:30	**Keynote session 1 G&T Auditorium**	11:00 - 11:25	Dr. Akhtar Kalam	Turbine Design
		11:25 - 11:50	Dr. Sibte Raza Abidi	Engineering Intelligence in Human-Technology Interactions
		11:50 - 12:15	Dr. Amir Qayyum	Internet Governance in the Ecosystem of ICT
		12:15 - 12:40	Dr. Sharifullah Khan	Invited talk
		12:40 - 1:05	Dr. Jawwad Shamsi	Security and Privacy Issues in a Smart City
		1:05 - 1:30	Dr. Abdul Aziz Bhatti	Virtual E-education in real time and on-line performance assessment in higher education in developing countries such as Pakistan
1:30 - 2:30			**Prayers / Lunch at Alumni Students' Center**	
2:30 - 4:30	**Technical Papers Parallel session-I Venue: C-9, AMAN CED**		Artificial Intelligence (Session chair: Dr. Jawwad Shamsi)	
		2:30-2:50	Arm Gesture Recognition on Microsoft Kinect Using Hidden Markov Model-based Representations of Poses by Shehroz Siddiqui, Yusra Snober, Shazem Raza, Furqan Khan and Tahir Qasim Syed	
		2:50 - 3:10	Modeling of Lateral Dynamics of a UAV using System Identification Approach by Uzair Ahmad, Mansoor Ahsan, Asaduallah I. Qazi and M. A. Choudhry	
		3:10 - 3:30	Formalizing Air Traffic Control System Using Agent-based Mobile Petri Nets by Maryam Jamal and Nazir Ahmad Zafar	
		3:30 - 3:50	Techniques and Approaches in Robocup@Home - A Review by Tahir Mehmood, Usman Hashmi, Arsalan Akhter and Ammar Ajmal	
		3:50 - 4:10	Evolving HMM for ranking Twitter influence by Ali Ahmed Thawerani and Sayeed Ghani	
		4:10 - 4:30	Identification of Opinion Leaders in Social Network by Nida Sadaf Khan, Maira Ata and Quratulain Rajput	
	Technical Papers Parallel session-II Venue: C-10, AMAN CED		Networks-1 (Session Chair: Dr. Amir Qayyum)	
		2:30-2:50	Deploying uninterrupted Wireless Communication Networks by using Software Define Cognitive Radios (SDCR) and Time Division Duplex (TDD) Transmission Techniques in 5G Networks by Ahmed Qaddus, Aamir Ali Raza and Ali Mustafa	
		2:50 - 3:10	Formalization of Security Properties using VDM-SL by Hafiz Muhammad Tahir, Muhammad Nadeem, Ayza Shouket, Zeeshan Raza, Shafique Hussain and Nazir Ahmad Zafar	
		3:10 - 3:30	Validation of MUF and FOT parameters for Plain, Mountainous and Sea Region by Mansoor Ahmad, Imran Rashid and Naseer Ahmad	
		3:30 - 3:50	Extending the benefits of LTE to unlicensed spectrum by Muhammad Usman Hadi	
		3:50 - 4:10	Formal Modeling and Algorithm of Subnet-Based Backup Assigning in WSAN by Hamra Afzaal and Nazir Ahmad Zafar	
		4:10 - 4:30	Achieving Energy Efficiency in Body Area Networks (BAN's) through Avoiding Spatially Correlated Contention by Arbab Wajid Khan, Anwar Ahmed Khan, Abdul Basit, Shama Siddiqui and Abdus Salam	
	Technical Papers Parallel session-III Venue: C-11, AMAN CED		Information Systems (Session Chair: Dr. Sibte Raza Abidi)	
		2:30-2:50	Analysis of Information Security through Asset Management in Academic Institutes of Pakistan by Nadia Mumtaz	
		2:50 - 3:10	Software Architecture and Requirements: A Systematic Literature Review by Dur-e-Benish Batool, Yasir Hafeez Molta, Amber Sarwar, Mateen Ahmed Abbasi and Javeria Jabeen	
		3:10 - 3:30	Digital storytelling: A Powerful Educational Tool for Primary School Student by Amna Noor Elahi, Zainab Mahmood, Maryam Shazadi and Sidrah Jamshed	
		3:30 - 3:50	Behaviour of Social Networks Regarding Spreading and Controlling of Diseases by Sofia Kanwal, Ahmad Kamran Malik and Nazir Ahmad Zafar	
		3:50 - 4:10	E-GOVERNMENT An Empirical Analysis of Current Literature by Muhammad Haider, Muhammad Umer Khan and Sumbal Farooq	
4:00 - 5:30	**Workshop Session-1**	4:00 -5:30	Innovation Management by Eram Abbassi	
05:30			**Refreshments at Alumni Students' Center**	

9:30 - 5:30	**Project Exhibitions at CED Foyer Area**

Day 2 -- Sunday, 13-Dec-2015				
9:00 - 10:30	**Keynote session 2 G&T Auditorium**	9:00 - 9:30	Prof. John Bessant	Skype Session: Managing at the innovation frontier: Postcards from the edge
		9:30 – 10:00	Prof. Robert F. Murphy	Skype Session: Machine learning of models of cell organization, differentiation and perturbation directly from microscope images
		10:00 – 10:30	Dr. Abdul Qadir	Invited talk
10:30 - 11:00			**Refreshments at Alumni Students' Center**	
11:00 -1:30	**Keynote session 3 G&T Auditorium**	11:00 - 11:25	Dr. Imran Hayee	Optical Fiber – Enabler of Wireless Devices in the Palms of Your Hands
		11:25 -11:50	Dr. Kamran Iqbal	Biomechanical Models for Investigation of Postural Stability
		11:50 - 12:15	Dr. Imdadullah Khan	large graph analysis
		12:15 - 12:40	Dr. Waqar Saleem	3D Geometry: Opening the door to Virtual Worlds
		12:40 - 1:05	Dr. Sajjad Haider Zaidi	Invited talk
		1:05 - 1:30	Dr. Shahid Shaikh	Document Clustering: Graph Based Representation and Constraints

1:30 - 2:30		Prayers / Lunch at Alumni Students' Center	
2:30 - 4:30	**Technical Papers Parallel session-IV** Venue: C-9, AMAN CED	Algorithms (Session Chair: Dr. Sajjad Haider Zaidi)	
		2:30-2:50	Hardware Design and Implementation of Scalar Multiplication in Elliptic Curve Cryptography (ECC) over GF(2^{163}) on FPGA by Malik Imran, Muhammad Kashif and Muhammad Rashid
		2:50 - 3:10	Localization and Classification of Welding Defects Using Genetic Algorithm Based Optimal Feature Set by Kamran Ali, Majid Awan, Abdul Jalil and Fiaz Mustansar
		3:10 - 3:30	Attitude and Altitude Control of Quadrotor by Discrete PID control and Non-linear Model Predictive Control by Hamid Saeed Khan and Muhammad Bilal Kadri
		3:30 - 3:50	Computationally Efficient HEVC/H.265 Motion Estimation Algorithm for Low Power Applications by Fauzia Yasir and Shehzad Hasan
		3:50 - 4:10	Analysis of the Markov Chain Denoising Filter Dispersion Parameter by Nasir Uddin and Sayeed Ghani
		4:10 - 4:30	Formalization of some Combined Fragments of UML Sequence Diagram using VDM-SL by Zeeshan Raza and Nazir Ahmad Zafar
	Technical Papers Parallel session-V Venue: C-10, AMAN CED	Information Retrieval (Session Chair: Dr. Imran Hayee)	
		2:30-2:50	Character Recognition in Natural Scene Images by Owais Akbani, A. Gokrani, M. Quresh, Furqan Khan, Sadaf I. Behlim, Tahir Q. Syed
		2:50 - 3:10	Urdu Optical Character Recognition Technique Using Point Feature Matching; A Generic Approach by Wafa Qaiser Khan and Reema Qaiser Khan
		3:10 - 3:30	Implementation of Kano's model in Web Metrics for information driven websites - KDQI by Syed Rizwan Ali, Azmat Khan, Mirza Muhammad Faisal Baig and Ahmer Umer
		3:30 - 3:50	Semantic Indexing for XML Documents using RDBMS by Imran Ihsan, Faisal Fayyaz Kiyani, M. Abdul Qadir and Mohib ur Rehman
		3:50 - 4:10	An Assessment of Students' Readiness Towards Mobile Learning at AIOU, Pakistan by Muhammad Bakhsh, Amjad Mahmood and Nazir A. Sangi
		4:10 - 4:30	A Framework for Focused Linked Data Crawler using Context Graphs by Samita Bai, Sharaf Hussain and Shakeel Khoja
	Technical Papers Parallel session-VI Venue: C-11, AMAN CED	ICT & Society (Session Chair: Prof. Rui Neto Marinheiro)	
		2:30-2:50	ASIA: Attention Driven Pre-Conscious Perception for Socially Interactive Agents by Syed Ali Raza, Asma Kanwal, Muhammad Rehan, Kashif Ali Khan, Muhammad Aslam and Hafiz Muhammad Shehzad Asif
		2:50 - 3:10	The Next Problems to Solve in Augmented Reality by Zunaira Ilyas Bhutta, Syedda Umm-e-Hani and Iqra Tariq
		3:10 - 3:30	A New Perspective to Velocity Control for Fixed Wing UAVs by Imran K. Kayani, Mansoor Ahsan, M. Imran Rashid and Shair Afgan Rind
		3:30 - 3:50	U-model based Depth Control of Underwater Glider by Isra Abbasi, S. Saad Azhar Ali, Rosdiazli Ibrahim, Syed Hasan Adil and Mark Ovinis
		3:50 - 4:10	Requirement Implementation Model (RIM) in the Context of Global Software Development by Muhammad Yaseen, Samad Baseer, Sikandar Ali, Siffat Ullah Khan and Abdullah
		4:10 - 4:30	Female representation in Computer Science and Information Technology by Wajeeha Khalil, Sundas Nayab, Tanawush Naeed, Seyab Khan and Sadia Khalil
	Technical Papers Parallel session-VII Venue: C-12, AMAN CED	Networks-II (Session Chair: Dr. Shahid Shaikh)	
		2:30-2:50	Comparative Analysis of Internet Key Exchange Protocols by Safdar Hussain Shaheen, Muhammad Yousaf and Muhammad Younas Majeed
		2:50 - 3:10	Modified SINR based User Selection for MU-MIMO Systems by Muddasar Naeem, Sajid Bashir, Muhammad Usman Khan and Aqeel A Syed
		3:10 - 3:30	CHOKe-FS: CHOKe with Fair Bandwidth Share by Usman Raza, Ghulam Abbas and Zawar Hussain
		3:30 - 3:50	A Survey on Data Aggregation Mechanisms in Wireless Sensor Networks by Shama Siddiqui, Anwar Ahmed Khan and Sayeed Ghani
		3:50 - 4:10	Island Genetic Algorithm based MUD for MC-CDMA System by Muhammad Umair, Muhammad Adnan Khan and Muhammad Aamer Saleem Choudry
		4:10 - 4:30	Island Differential Evolution based adaptive receiver for MC-CDMA system by Muhammad Adnan Khan, Muhammad Umair and Muhammad Aamer Saleem Choudry
	Workshop Session-2	2:30 - 4:30	Health-informatics: Where computers meet healthcare by Dr. Sibte Raza Abidi
4:30 - 5:35	**Closing Ceremony** G&T Auditorium	4:30 - 4:35	Tilawat
		4:35 - 4:45	Closing Remarks by Associate Dean, FCS, Dr. Sayeed Ghani
		4:45 – 5:15	Presentation of Souvenirs to Keynote & Invited Speakers by Associate Dean / Chair CS
		5:15 - 5:25	Vote of Thanks by Conference Chair, Dr. Zaheer
		5:25 - 5:35	Photo Session
05:35		Refreshments at Alumni Students' Center	

9:30 - 5:30		Project Exhibitions at CED Foyer Area	