



# ICIEECT 2017

2017 International Conference on Innovations in Electrical Engineering and Computational Technologies

Organized by

Indus University Karachi Under the Technical Sponsorship by IEEE

From 5<sup>th</sup> to 7<sup>th</sup> of April, 2017

Venue: Prof. Salim-uz-Zaman Siddiqui Auditorium of International Center for Chemical and Biological Sciences, LEJ National Science Information Center, Karachi, Pakistan

ICIEECT 2017 Conference Program	
INAUGURAL SESSION	
Time	Day-1, Wednesday, 5 <sup>th</sup> April, 2017
08:30 to 10:00	Registration & Networking
	Venue: Prof. Salim-uz-Zaman Siddiqui Auditorium, LEJ Karachi, Pakistan
10:00 to 10:05	Recitation from The Holy Quran and National Anthem
10:05 to 10:15	Welcome Address by IEEE Chair, Engr. Prof. Dr. Bhawani Shankar Chaudhry
10:15 to 10:30	Address by Chief Guest: Engr. Jawed Salim Qureshi, Chairman, Pakistan Engineering Council
10:30 to 10:40	Presidential Address by Mr. Muhammad Ahmed Amin, Vice Chancellor, Indus University, Karachi
10:40 to 10:50	Address by Patron Mr. Khalid Amin, Chancellor, Indus University, Karachi
10:50 to 11:00	Vote of Thanks by General Chair Prof. Dr. Engr. Sayed Hyder Abbas Musavi Dean, FEST, Indus University, Karachi
11:00 to 11:20	Hi-Tea
Foreign Speakers Plenary Talk	
	Venue: LEJ Auditorium
11:20 to 12:10	Plenary Speaker - 1 Title: Power Electronics – Challenges and Trends Author: Prof. Dr. Muhammad H. Rashid Affiliation: Professor, University of West Florida, USA
	Venue: LEJ Auditorium
12:10 to 13:00	Plenary Speaker - 2 Title: Recent Advances and Emerging Applications in Wireless Communications Author: Dr. Salima Hamma Affiliation: Associate Professor at University of Nantes, France
13:00 to 14:00	Lunch and Prayer Break
	Venue: LEJ Auditorium
14:00 to 14:50	Plenary Speaker - 3 Title: 5G Backhaul Challenges and Emerging Research Author: Prof. Dr. Muhammad Ali Imran Affiliation: Professor and Vice Dean of Glasgow College UESTC, Scotland, UK
	Venue: LEJ Auditorium
14:50 to 15:40	Plenary Speaker - 4 Title: Software Reliability in the Fog Computing Author: Prof. Dr. Florin Popentiu Viadicescu Affiliation: UNESCO Professor, University "Politehnica" of Bucharest, Academy of Romanian Scientists, Bucharest, Romania.
Day-1, Wednesday, 5 <sup>th</sup> April, 2017	Technical Session - 1 (Track: Bio-Medical Engineering)
	Venue: LEJ Auditorium
15:40 to 16:15	Keynote Speaker - 1 Title: Energy Consumption and Harvesting in WSNs: Challenges and Solutions Session Chair/Speaker: Prof. Dr. Bhawani Shankar Chaudhry Affiliation: Dean FECE, Mehran University of Engg. & Tech. Jamshoro
16:15 to 16:45	Keynote Speaker - 2 Title: Role of flexible Technology for Future Medical Applications Session Speaker/Co-Chair: Dr. Amna Mir Affiliation: Assistant Professor, COMSATS Institute of Information Technology, Lahore
16:45 to 17:00	Paper ID: 152 - Framework for Estimating Active Brain Sources Using MUSIC and Root MUSIC Author: Dr. Munsif Ali Jatol, Nidal Kamel and Sayed Hyder Abbas Musavi
17:00 to 17:15	Paper ID: 138 - Prototyping of a Cost Effective and Portable Ventilator Author: Muhammad Jawad Ghafoor, Muhammad Suleman Sarfaraz, Fahad Ilyas, Muhammad Irfan Ali, Ahsan Ejaz, Hussain Rehman and Zahid Irfan
17:15 to 17:30	Paper ID: 123 - Towards Design and Development of Noninvasive Glucose Monitoring System Author: Muhammad Faris, Tayyab Ahmad Ansari, Tariq Javid, Abdul Haseeb and Muhammad Danish Mujib
17:30 to 17:45	Paper ID: 127 Design and Development of Muscle Monitoring system to visualize and monitor the activity of Bicep Brachii with varying load Authors: Eisha Khalid, Afra Salman, Zeeshan Khan, Muhammad Faris, Muhammad Mujib and Tayyab Ansari
17:45 to 18:00	Paper ID 164: Performance Analysis of Adaptive Algorithms for removal of Baseline Wander from ECG Signal Author: Rizwan Qureshi, Dr. Engr. Sayed Hyder Abbas Musavi, Syed Ali Raza Rizvi, Sadaf Khan and Khurram Khurshid
18:00 to 18:15	Questions and Answers
	Group Photo & Distribution of Certificates and Shields
Day-1, Wednesday, 5 <sup>th</sup> April, 2017	Technical Session - 2 (Track: Electrical Engineering "Power")
	Venue: Conference Room - 1
15:40 to 16:15	Keynote Speaker - 1 Title: Production of Synthetic fuel from Biomass Session Speaker /Chair: Prof Dr Muhammad Bilal Khan/ Dr. Muhammad Zubair Affiliation: NUST Islamabad
16:15 to 16:45	Plenary Speaker Title: Energy Efficient Middleware: Design and Development for Mobile Applications Session Speaker /Co-Chair: Dr. Noor Zaman Affiliation: Assistant Professor, King Faisal University, Saudi Arabia
16:45 to 17:00	Keynote Speaker - 3 Title: Solar Energy: Challenges and Opportunities in Pakistan Session Speaker: Dr. Zulfiqar Umrani Affiliation: Manager ORIC, MUET Jamshoro
17:00 to 17:15	Paper ID: 37 - An Approach to Perform Internal Flooding PSA for Power Plants Abdul Qavi, Khalil Ur Rahman, Muhammad Majid Khan, Ghulam Farid, Hafiz M. Zubair Arif and Sayed M. Waseem Bukhari

17:15 to 17:30	<b>Paper ID: 96</b> - Load Flow, Voltage Stability & Short Circuit Analyses and Remedies for a 1240 MW Combined Cycle Power Plant using ETAP <b>Author: Muhammad Aman Ullah, Arslan Qaiser, Qamar Saeed, Abdul Rehman Abbasi, Ifrikhar Ahmed and Abdul Qadir Soomro</b>
17:30 to 17:45	<b>Questions and Answers</b>
	<b>Group Photo &amp; Distribution of Certificates and Shields</b>
Day-1, Wednesday, 5th April, 2017	<b>Technical Session - 3 (Track: Telecommunication Engineering)</b>
	<b>Venue: Conference Room - 2</b>
	<b>Keynote Speaker - 1</b>
15:40 to 16:15	<b>Title: Radio Frequency Radiation Exposure, Health Hazards and Risk Assessment Strategies</b> Session Speaker/Chair: Prof. Dr. Syed Nazeer Alam Affiliation: Associate Dean, PNEC NUST, Karachi.
	<b>Keynote Speaker - 2</b>
16:15 to 16:45	<b>Title: Key Challenges and Issues in Fingerprint-Based personal Identification</b> Session Speaker/Co-Chair: Dr. Amjad Ali Affiliation: Associate Professor, Sarhad University of IT Peshawar
16:45 to 17:00	<b>Paper ID: 168</b> - 40Gbps DQPSK Transmission System for High Data Rate Energy Efficient Next Generation Passive Optical Network (NG-PON) <b>Author: Areez Khalil Memon, Ahmed Muddassir Khan, Syed Hyder Abbas Musavi, Ganesh Kumar and Abdul Latif Memon</b>
17:00 to 17:15	<b>Paper ID: 82</b> - Study on Communication Reliability in VANETS <b>Author: Natasha Baloch and Luca Reggiani</b>
17:15 to 17:30	<b>Paper ID: 117</b> - Design of Incremental Optimum Error Nonlinearity for Distributed Networks <b>Author: Muhammad Arif, Imran Naseem, Mariam Ashraf and Muhammad Moimuddin</b>
17:30 to 17:45	<b>Paper ID: 129</b> - Demonstration of Single Link Failure Recovery using Bellman Ford and Dijkstra Algorithm in SDN <b>Author: Syed Waleed, Muhammad Faizan, Maheen Iqbal and Muhammad Irfan</b>
17:345to 18:00	<b>Paper ID: 137</b> - Demonstration of Energy Detector Performance and Spectrum Sensing in Cognitive Radio using AWGN, Rayleigh and Nakagami Channels <b>Author: Maria Ashraf, Junaid Khan, Haroon Rasheed, Farhana Ashraf, Muhammad Faizan, Muhammad Irfan Anis</b>
18:00 to 18:15	<b>Questions and Answers</b>
	<b>Group Photo &amp; Distribution of Certificates and Shields</b>
Day-1, Wednesday, 5th April, 2017	<b>Technical Session - 4 (Track: Computational Technologies)</b>
	<b>Venue: Conference Room - 3</b>
	<b>Keynote Speaker - 1</b>
15:40 to 16:15	<b>Title: Multi-Objective Optimization and their Performance Indices</b> Session Speaker/Chair: Dr Muhammad Ali Ismail Affiliation: Assoc. Prof/Director, High Performance Computing Centre, NED University, Karachi
	<b>Keynote Speaker - 2</b>
16:15 to 16:45	<b>Title: Advancements in GPGPU Computing</b> Session Speaker/Co-Chair: Dr. Jawwad shamsi Affiliation: Associate Professor & Head of Department at FAST National University, Karachi
16:45 to 17:00	<b>Paper ID: 157</b> - Recent Trends in Computer Aided Diagnosis of Lung Nodules in thorax CT Scans <b>Author: Rabia Naseem, Khurram Saleem Alimgeer and Tariq Bashir</b>
17:00 to 17:15	<b>Paper ID: 55</b> - Sindhi Language Processing: A Survey <b>Author: Wazir Ali Jamro</b>
17:15 to 17:30	<b>Paper ID: 77</b> - Visual Acuity Test for Isolated Words using Speech Recognition <b>Author: Khalil Ullah and Saud Khan</b>
17:30 to 17:45	<b>Paper ID: 79</b> - Pashto Language Dialect Recognition using Mel Frequency Cepstral Coefficient and Support Vector Machines <b>Author: Sand Khan, Khalil Ullah and Haider Ali</b>
17:45to 18:00	<b>Paper ID: 95</b> - Advocating Isolation of resources among multi-tenants by containerization in IaaS cloud model <b>Author: Javed Ahmed Samo, Dr Zeeshan Ahmed and Aasia Shaikh</b>
18:00 to 18:15	<b>Questions and Answers</b>
	<b>Group Photo &amp; Distribution of Certificates and Shields</b>
18:15 to 18:30	<b>Tea &amp; Refreshment</b>
<b>Day-1 Closed</b>	
	<b>Day-2, Thursday, 6<sup>th</sup> April, 2017</b>
	<b>Registration &amp; Networking</b>
Day-2, Thursday, 6th April, 2017	<b>Technical Session - 5 (Track: Electronic Engineering  Computer Engineering)</b>
	<b>Venue: LEJ Auditorium</b>
	<b>Keynote Speaker - 1</b>
09:00 to 09:30	<b>Title: SkillsRec Recommender: A Novel Skill-Similarity based Semantic-Analysis Model for Online Personal Learning Environments that is Driven on Teacher-Competencies and Learner-Interests</b> Session Speaker/Chair: Dr. Engr. Shakeel Ahmed Khoja Affiliation: Professor, Chairperson Computer Science, IBA Karachi
	<b>Keynote Speaker - 2</b>
09:30 to 09:50	<b>Title: Interdisciplinary Research</b> Session Co-Chair: Dr. Engr. Abdul Rehman Abbasi Associate Professor, KINPOE Karachi.
09:50 to 10:05	<b>Paper ID: 128</b> - Prospects of Sustainable ADHD Treatment Through Brain-Computer Interface Systems <b>Author: Maryam B Zafar, Hassan A Malik and Khadija A Shah</b>
10:05 to 10:20	<b>Paper ID: 114</b> - Robotic Gripping using soft finger tips <b>Author: Irtiza Jaswal and A Mahmood</b>
10:20 to 10:35	<b>Paper ID: 101</b> - Reducing the Computational Cost of a Classifier by Subtracting the Dual-Class Features <b>Author: Muddasir Ahmad, Muhammad Aql and Haroon Khan</b>
10:35 to 10:50	<b>Questions and Answers</b>
	<b>Group Photo &amp; Distribution of Certificates and Shields</b>
10:50 to 11:05	<b>Tea &amp; Refreshment</b>
Day-2, Thursday, 6th April, 2017	<b>Technical Session - 6 (Track: Wireless Communication)</b>
	<b>Venue: Conference Room-2</b>
	<b>Keynote Speaker - 1</b>
09:00 to 09:30	<b>Title: Prediction of Stock Market performance by using machine learning techniques</b> Session Speaker/Chair: Prof. Dr. Kamran Raza Affiliation: Dean FEST, Iqra University Karachi
	<b>Keynote Speaker - 2</b>
09:30 to 09:50	<b>Title: SMART AGRICULTURE</b> Session Speaker/Co-Chair: Prof. Dr. Aqeel-ur-Rehman Affiliation: HoD Department of Computing, Hamdard University Karachi
09:50 to 10:05	<b>Paper ID: 112</b> - An Interference aware multi-channel MAC protocol for WSN <b>Author: Ahtizaz ali, Dr. Muhammad Naveed, Muzamil Mehboob, Humayun Irshad, Pervez Anwar</b>
10:05 to 10:20	<b>Paper ID: 118</b> - A Low-Cost Intruder Detection and Alert System Using Mobile Phone Proximity Sensor <b>Author: Farrukh Shahzad</b>
10:20 to 10:35	<b>Paper ID: 67</b> - A Novel Noise-Measuring System based on WSN <b>Author: Sheeraz Ahmed, M. Ahsan, Fazl E Hadi, Imran Ahmed and Adil Khan</b>
10:35 to 10:50	<b>Questions and Answers</b>
	<b>Group Photo &amp; Distribution of Certificates and Shields</b>
10:50 to 11:05	<b>Tea &amp; Refreshment</b>
Day-2, Thursday, 6th April, 2017	<b>Technical Session - 7 (Track: Electrical Engineering "Power")</b>
	<b>Venue: Conference Room-3</b>
	<b>Keynote Speaker - 1</b>
09:00 to 09:30	<b>Title: Multiple FACTS devices integration through distributed control system and its application on the GCC Interconnection</b> Session Speaker/Chair: Prof. Dr. Suhail Aftab Qureshi Affiliation: Dean Electrical Engg. UET Lahore
09:30 to 09:50	<b>Title: Renewable Power Systems Research in Pakistan: Research Models, Indigenous Analyses and Design Approaches</b> Session Co-Chair: <b>Dr. Engr. Ghous Baksh Narejo</b> Affiliation: Associate Professor, NED University, Karachi.
09:50 to 10:05	<b>Paper ID: 24</b> Design of Intelligent Air Conditioning System using Fuzzy Logic <b>Author: S. Ahsan Ur Rehman Omer and Ejaz Muhammad</b>
10:05 to 10:20	<b>Paper ID: 145</b> - Design and Control of wind/super-capacitor/battery/diesel engine power plant

		<b>Author: Sved Zulqadar Hassan, Hui Li, Ugor Arifoglu, Tariq Kamal, Ali Arsalan and Asif Kabir</b>
10:20 to 10:35		<b>Paper ID: 146 - Integration and Control of an Off-grid Hybrid wind/PV Generation System for Rural Applications</b>
		<b>Author: Tariq Kamal, Murat Karabacak, Sved Zulqadar Hassan, Hui Li, Ali Arsalan and Rajprasad Kumar Rajkumar</b>
10:35 to 10:50		<b>Questions and Answers</b>
		<b>Group Photo &amp; Distribution of Certificates and Shields</b>
10:50 to 11:05		<b>Tea &amp; Refreshment</b>
<b>Foreign Speakers Plenary Talks</b>		
		Venue: LEJ Auditorium
11:05 to 11:50		<b>Plenary Speaker - 5</b>
		<b>Title: Simultaneous Estimation of Brain Structure and Function with MEG/EEG Data</b>
		<b>Author: Dr. Jose David Lopez</b>
		<b>Affiliation: Professor, Universidad de Antioquia, Columbia</b>
		Venue: LEJ Auditorium
11:50 to 12:40		<b>Plenary Speaker - 6</b>
		<b>Title: What's Coming next in the near future for Optical Networks</b>
		<b>Author: Dr. Xiasong Yu</b>
		<b>Affiliation: Beijing University of Posts and Telecommunications, China</b>
		Venue: LEJ Auditorium
12:40 to 13:20		<b>Plenary Speaker - 7</b>
		<b>Title: Energy Scavenging for Unattended Situations in structural and Environmental Health Monitoring in IoT Domain</b>
		<b>Author: Dr. Vasaki Ponnusamy</b>
		<b>Affiliation: Assistant Professor, Universiti Tunku Abdul Rahman, Kampar, Perak</b>
13:20 to 14:10		<b>Lunch and Prayer Break</b>
		Venue: LEJ Auditorium
14:10 to 15:00		<b>Plenary Speaker - 8</b>
		<b>Title: Data Analytics and Web Insights in rea of Data Mining and Analytics</b>
		<b>Author: Dr. Abzetdin Adamov</b>
		<b>Affiliation: Associate Professor, School of Information Technology and Engineering ADA University, Azerbaijan</b>
Day-2, Thursday, 6th April, 2017		<b>Technical Session - 08 (Track: Computer Engineering &amp; Bio Informatics)</b>
		Venue: Conference Room 2
15:00 to 15:40		<b>Keynote Speaker - 1</b>
		<b>Title: Representation of Conceptual Models of Quantitative Business Management Research through Ontology</b>
		<b>Session Speaker/Chair: Prof. Dr. Irfan Hyder</b>
		<b>Affiliation: Dean IoBM, Karachi</b>
15:40 to 16:10		<b>Keynote Speaker - 2</b>
		<b>Title: Future Internet &amp; Internet of Things</b>
		<b>Session Speaker/Co-Chair: Dr. Pardeep Kumar</b>
		<b>Affiliation: Chairperson QUEST, Nawabshah</b>
16:10 to 16:25		<b>Paper ID: 131 - Interpolation based Enhancement of Projection Data for Low Dose FBP reconstruction</b>
		<b>Author: Umar Talha, Waqas Khan, Baqar Zaidi, Talha Ansari and Muhammad Hassan</b>
16:25 to 16:40		<b>Paper ID: 102 - Real-time brain activation detection by FPGA implemented adaptive algorithm</b>
		<b>Author: Muhammad Shahid Nazir, Abubakar Akram, Bhagesh Chaudry Maheshwari, Muhammad Usman Hadi, Muhammad Aqil and Haroon Khan</b>
16:40 to 16:55		<b>Paper ID: 143 - Energy Efficient Image Encryption Algorithm</b>
		<b>Author: Zabeer Balouch, Muhammad Imran Aslam and Irfan Ahmed</b>
16:55 to 17:10		<b>Paper ID: 159 - Feature Selection Based Classification of Sentiment Analysis using Biogeography Optimization Algorithm</b>
		<b>Author: Ramsha Shahid, Sobia Tariq Javed and Kashif Zafar</b>
17:10 to 17:25		<b>Paper ID: 149 - Home Automation Using Spoken Pashto Digits Recognition</b>
		<b>Author: Muhammad Asadullah and Shibli Nisar</b>
17:25 to 17:40		<b>Paper ID: 60 - Automated Framework for CTA Coronary Segmentation and Quantitative Validation</b>
		<b>Author: Muhammad Moazzam Jawaid, Bhawani Shankar Choudhary, Greg Slabaugh</b>
17:40 to 17:55		<b>Paper ID: 133 - Improving Vascular Segmentation by Geometric Fitting in Level Set Evolution</b>
		<b>Author: Muhammad Moazzam Jawaid, Sammer Zai and Ahsan Ansari</b>
17:55 to 18:15		<b>Questions and Answers</b>
		<b>Group Photo &amp; Distribution of Certificates and Shields</b>
Day-2, Thursday, 6th April, 2017		<b>Technical Session - 09 (Track: Telecommunication, Computer Engineering &amp; Bio Informatics)</b>
		Venue: LEJ Auditorium
15:00 to 15:40		<b>Keynote Speaker - 1</b>
		<b>Title: Applications of Machine Learning to Document Classification and Clustering</b>
		<b>Session Speaker/Chair: Dr. Muhammad Shahid Shaikh</b>
		<b>Affiliation: Interim Dean, Habib University Karachi</b>
15:40 to 16:10		<b>Keynote Speaker - 2</b>
		<b>Title: Design and Feasibility of optical Code Division Multiple Access OCDMA system for Fiber-To-The-Home FTTH Networks</b>
		<b>Session Speaker/Co-Chair: Dr. Yousuf Khan Khalil</b>
		<b>Affiliation: Iqra National University, Peshawar.</b>
16:10 to 16:40		<b>Keynote Speaker - 3</b>
		<b>Title: Risk informed Optimization of Instrumentation and Control (I&amp;C) Architecture</b>
		<b>Session Speaker/Chair: Dr. Khalil Ur Rahman</b>
		<b>Affiliation: Senior Engineer &amp; Principal Engineer, Pakistan Nuclear Regulatory Authority, Islamabad</b>
16:40 to 17:10		<b>Keynote Speaker - 4</b>
		<b>Title: Singular Value Decomposition Based Epileptic Seizure Detection Using EEG Signals</b>
		<b>Author: Dr. Altaf Hussain Bouk</b>
		<b>Affiliation: Professor, Yanbu Industrial college, Saudi Arabia</b>
17:10 to 17:25		<b>Paper ID: 122 - Understanding Role of Twitter in addressing Social Causes</b>
		<b>Author: Zarmeen Nasim and Quratulain Rajput</b>
17:25 to 17:35		<b>Paper ID: 153- DESIGNING AND CONTROL OF AUTONOMOUS UNMANNED GROUND VEHICLE</b>
		<b>Author: Syeda Iqra Hassan , Muhammad Alam ,Noman Ahmed Siddiqui , Ali Akbar Siddiqui , M. Tahir Qadri</b>
17:35 to 17:45		<b>Paper ID: 25 - Gadget Improved Security Alert Monitoring, Management and Mitigation System to Control the Crowded Occasions</b>
		<b>Author: Sartaj Ahmed Chandio, Javed Ahmed Mahar, Mujeeb-ur-Rehman Shaikh</b>
17:45 to 18:00		<b>Questions and Answers</b>
		<b>Group Photo &amp; Distribution of Certificates and Shields</b>
18:00 to 18:30		
Day-2, Thursday, 6th April, 2017		<b>Technical Session - 10 (Track: Computer Engineering)</b>
		Venue: Conference Room-3
15:00 to 15:30		<b>Keynote Speaker - 1</b>
		<b>Title: The Integration of Agile Methods and User-Centered Design in Practice</b>
		<b>Session Speaker/Chair: Dr. Zahid Hussian Abro</b>
		<b>Affiliation: Professor &amp; Dean QUEST Nawabshah.</b>
15:30 to 15:50		<b>Keynote Speaker - 2</b>
		<b>Title: Future Trends related to Community Algorithm</b>
		<b>Session Speaker/Co-Chair: Prof Dr Muhammad Shahab Siddiqui</b>
		<b>Affiliation: Dean Jinnah University for Women Karachi</b>
		<b>Keynote Speaker - 3</b>
15:50 to 16:20		<b>Title: Cognitive Radios</b>
		<b>Session Speaker/Co-Chair: Dr. Aamir Zaib</b>
		<b>Affiliation: Associate Professor, NED University, Karachi.</b>
16:20 to 16:35		<b>Paper ID: 160 - Improvement of Students Abilities for Quality of Software Through Personal Software Process</b>
		<b>Author: Sobia Ghori</b>
16:35 to 17:00		<b>Paper ID: 166 - An Implementable System for Detection and Recognition of License Plates in Pakistan</b>
		<b>Author: Sved Ali Haider and Khurram Khurshid</b>
17:00 to 17:15		<b>Paper ID: 170 - Electromagnetic Analysis of Outer Rotor Permanent Magnet Flux Switching Machine for Downhole Application</b>
		<b>Author: Raiesh Kumar, Hassan Ali Soomro, Ganesh Kumar and Sved Hyder Abbas Musavi</b>
17:15 to 17:30		<b>Paper ID: 134 - Enhancing Formal Semantics of Activity Diagram with Object Nodes</b>
		<b>Author: Maryam Jamal and Nazir Ahmad Zafar</b>
17:30 to 17:45		<b>Paper ID: 148 - Smart Home Automation System Using Bluetooth Technology</b>
		<b>Author: Muhammad Asadullah</b>
17:45 to 18:00		<b>Questions and Answers</b>
		<b>Group Photo &amp; Distribution of Certificates and Shields</b>
17:00 to 17:20		<b>Tea &amp; Refreshment</b>
20:30 to 22:30		<b>City Tour, Cultural Show &amp; Gala Dinner</b>

# Day-2 Closed

Day-2 Closed		
Time	Day-3, Friday, 7 <sup>th</sup> April, 2017	
08:30 to 09:00	Registration & Networking	
<b>Plenary Talks of International &amp; National Speakers</b>		
09:00 to 09:35	Venue: LEJ Auditorium	
<b>Plenary Speaker - 9</b>		
Title: <b>Multi Object Tracking Using Parallel Processing</b>		
Author: <b>Dr. D. M. Akbar Hussain</b>		
Affiliation: Associate Professor, Aslborg University, Denmark		
09:35 to 10:05	Venue: LEJ Auditorium	
<b>Plenary Speaker - 10</b>		
Title: <b>Noval Technologies and Security Concepts Developed Locally in Saudi Arabia</b>		
Author: <b>Dr. Mohashir A. Sheikh</b>		
Affiliation: Technical Advisor, Al-Afandi Group, Jeddah, Saudi Arabia		
10:05 to 10:30	Venue: LEJ Auditorium	
<b>Plenary Speaker - 11</b>		
Title: <b>Role of 5G in Health Care Sector</b>		
Session Speaker/Chair: <b>Prof. Dr Madad Ali Shah</b>		
Affiliation: Vice Chancellor, Khairpur Technical University.		
10:30 to 11:10	Venue: LEJ Auditorium	
<b>Plenary Speaker - 12</b>		
Title: <b>Dicing and Rolling of Atoms for the Realization of Energy Efficient Electronics</b>		
Session Speaker/Chair: <b>Engr. Professor Dr. Ahmed Shuja Syed</b>		
Affiliation: Advisor to Rector & President, International Islamic University (IIU), Islamabad		
11:10 to 11:25	<b>Tea &amp; Refreshment</b>	
<b>Motivational Session</b>		
11:25 to 13:30	Venue: LEJ Auditorium	
<b>Guest of Honor / Speaker</b>		
Speaker: <b>Dr Muhammad Hussain Rashid (USA)</b>		
Title: Outcome Based Education in Pakistan		
Affiliation: Professor, University of West Florida, USA		
<b>Guest of Honor / Speaker</b>		
Speaker: <b>Prof. Dr. M. Ashraf</b>		
Affiliation: Chairman, Pakistan Science Foundation, Ministry of Science and Technology, Islamabad		
<b>Guest of Honor / Speaker</b>		
Speaker: <b>Prof. Dr. Engr. Zubair Ahmed Shaikh</b>		
Affiliation: President Mohammad Ali Jinnah university, Karachi		
<b>Guest of Honor / Speaker</b>		
Speaker: <b>Prof. Dr. Muhammad Iqbal Choudhary</b>		
Affiliation: Director International Center for Chemical and Biological Sciences H.E.J. Research Institute of Chemistry University of Karachi		
<b>Guest of Honor / Speaker</b>		
Speaker: <b>Professor Dr Manzoor Hussain Sormo</b>		
Affiliation: President ECO Science Foundation Islamabad		
<b>Questions and Answers</b>		
13:30 to 14:15	<b>Group Photo &amp; Distribution of Certificates and Shields</b>	
<b>Lunch and Prayer Break</b>		
Day-3, Friday, 7th April, 2017	<b>Technical Session - 11 (Track: Electronic Engineering)</b>	
15:00 to 15:40	Venue: Conference Room-1	
<b>Keynote Speaker - 1</b>		
Title: Programmable Logic Controllers		
Session Speaker/Chair: Dr. Muhammad Aamir		
Affiliation: Associate Professor, Sir Syed University of Engg & Tech, Karachi.		
15:40 to 16:10	Venue: Conference Room-1	
<b>Keynote Speaker - 2</b>		
Title: Emerging ICT Ecosystem: Challenges for Operators and Regulators		
Session Speaker/Co-Chair: Dr. Khalid Rafique		
Affiliation: Senior Manager, PTCL		
16:10 to 16:25	Venue: Conference Room-1	
<b>Paper ID: 120 - Adaptive Noise Cancellation using q-LMS</b>		
<b>Author: Muhammad Arif, Imran Naseem, Muhammad Moinuddin, Saba Samreen Khan and Malik Muhammad Ammar</b>		
16:25 to 16:40	Venue: Conference Room-1	
<b>Paper ID: 48 - Stability, Modelling and Controlling of Autonomous Self Ruling Quad Copter</b>		
<b>Author: Navaid Khan, Sana Sohail and Shabaz Nasim</b>		
16:40 to 16:55	Venue: Conference Room-1	
<b>Paper ID: 165 - An ANOVA Based Predictive Parameter Estimation</b>		
<b>Author: Asim Ur Rehman Khan and Muhammad Junaid Rabbani</b>		
16:55 to 17:10	Venue: Conference Room-1	
<b>Paper ID: 125 - Realization of Centrality measure on Wireless Sensor Network</b>		
<b>Author: Masood Abhassi</b>		
17:10 to 17:25	Venue: Conference Room-1	
<b>Paper ID: 135 - Formalism of Network Restructuring in Flood Control System</b>		
<b>Author: Hamra Afzaal and Nazir Zafar</b>		
17:25 to 17:40	Venue: Conference Room-1	
<b>Paper ID: 78 - Smart Elevator System for Hazard Notification</b>		
<b>Author: Sand Khan and Khalil Ullah</b>		
17:40 to 18:00	Venue: Conference Room-1	
<b>Paper ID: 139 - Formal Modeling of Mobility for Wi-Fi based Mobile Ad hoc Networks</b>		
<b>Author: Tahreem Saeed, Zafar Iqbal, Hamra Afzaal and Nazir Ahmad Zafar</b>		
18:00 to 18:15	Venue: Conference Room-1	
<b>Questions and Answers</b>		
<b>Group Photo &amp; Distribution of Certificates and Shields</b>		
Day-3, Friday, 7th April, 2017	<b>Technical Session - 13 (Ph.D Proposal Competition)</b>	
15:00 to 16:30	Venue: Conference Room-2	
<b>Group Photo &amp; Distribution of Certificates and Shields</b>		
<b>CLOSING SESSION</b>		
Time	Day-3, Friday, 7 <sup>th</sup> April, 2017	
17:00 to 17:05	Venue: Prof. Salim-uz-Zaman Siddiqui Auditorium, LEJ Karachi, Pakistan	
Recitation from The Holy Quran and National Anthem		
17:05 to 17:15	Closing Remarks by IEEE Chair, <b>Engr. Prof. Dr. Bhawani Shankar Chaudhry</b>	
17:15 to 17:25	Closing Remarks by Patron <b>Mr. Khalid Amin</b> , Chancellor, Indus University, Karachi	
17:25 to 17:35	Closing Remarks by <b>Mr. Muhammad Ahmed Amin</b> , Vice Chancellor, Indus University, Karachi	
17:35 to 18:00	Closing Address by Chief Guest <b>Syed Ismail Shah, Chairman PTA</b>	
18:00 to 18:05	Vote of Thanks by <b>General Chair Prof. Dr. Engr. Sayed Hyder Abbas Musavi, Dean, FEST, Indus University, Karachi</b>	
18:05 to 18:35	<b>Group Photo &amp; Distribution of Certificates and Shields</b>	
18:35 to 19:00	Hi-Tea	
<b>ICIEECT 2017 Closed</b>		