

**2017 IEEE INTERNATIONAL CONFERENCE ON OPEN SOURCE SYSTEMS AND  
TECHNOLOGIES (ICOSST)**

*Open Artificial Intelligence Eco Systems  
18<sup>th</sup> December, 2017 - 20<sup>th</sup> December, 2017*

*Moderator : Mr. Rehan Tariq*

[09:00 - 11:30]Hrs	<b>Opening Ceremony – IEEE ICOSST 2017</b>
[09:00 – 09:05]Hrs	<b>National Anthem</b>
[09:05 – 09:08]Hrs	<b>Recitation : Holy Quran</b>
[09:08 – 09:10]Hrs	<b>Naat Rasool E Maqbool</b>
[09:10 – 09:35]Hrs	<b>Welcome Notes</b> <b>Conference General Chair: Dr. Waqar Mehmood, Director KICS, UET Lahore, Pakistan</b> <b>Conf. Technical Chair: Dr. Ghalib Asadullah Shah, KICS, UET Lahore, Pakistan</b> <b>Conf. Co-Chair: Dr. Amir Mahmood, KICS, UET Lahore, Pakistan</b> <b>Conf. Convener : Dr. Fazal Ahmad Khalid, Vice Chancellor UET Lahore, Pakistan</b>
[09:35 – 09:50]Hrs	<b>Distinguished Guest</b> <i>Mr. Malik Tahir Javaid, President LCCI</i> <i>Mr. Haroon Inam, CTO, Smart Wires Inc</i> <i>Mr. Ghazanfar Seyal, Chief Executive Officer, Teksify</i> <i>Lewin, Managing Director, Huawei Central Region</i>
[09:50 – 10:00]Hrs	<b>Chief Guest: Mujtaba Shuja ur Rehman</b> Minister Excise and Taxation, Government of Punjab, Pakistan
[10:00 - 10:20]Hrs	<b>Plaques Distribution</b>
[10:20 - 10:30]Hrs	<b>Group Photo</b>
[10:30 - 10:50]Hrs	<b>Refreshment &amp; Networking</b>
[10:50 – 11:30]Hrs	<b>Exhibition Opening</b>

<b>SESSION-I</b>				<b>[DAY – 1]</b>
[11:30 - 16:15] Hrs.	<b>Open AI in Robotics, Communication and Computer Science &amp; Industry</b> <b>18<sup>th</sup> December, 2017</b>			
	Main Auditorium Hall	Room 2	Auditorium Lobby	
	<b>Track 1</b> <i>Chair :Dr. Amir Mahmood</i>	<b>Track 2</b> <i>Chair : Dr. Usman Ghani</i>	Managers Mr. Qasim Abbas	
11:30 – 12:15	<b>Keynote</b> <i>On the essential ingredients of next generation wireless networks that we cannot afford to miss</i> <b>Dr. Ali Imran</b> USA	<i>Industry Demo 1</i> <b>Onstak Inc</b> [20 mins]	<i>Industrial Exposition</i>	
		<i>Industry Demo 2</i> <b>NorthBay Solutions</b> [20 mins]		
12:15 – 13:00	<b>Keynote</b> <i>A thinking person's guide to using big data for human development: opportunities, myths, and pitfalls</i> <b>Dr. Junaid Qadir</b> Pakistan	<i>Industry Demo 3</i> <b>Autosoft Dynamics</b> [20 mins]		
		<i>Industry Demo 4</i> <b>Schiender Electric</b> [20 mins]		
13:00 – 14:00	Lunch & Prayer Break			
14:00 – 14:45	<b>Keynote</b> <i>Open Source Mobile Apps for the Archeology Field</i> <b>Dr. Adel Khelifi</b> UAE	<i>Industry Demo 5</i> <b>Huawei, China</b> [20 mins]	<i>Industrial Exposition</i>	
		<i>Industry Demo 6</i> <b>Teksify</b> [20 mins]		
14:45 – 15:30	<b>Keynote</b> <i>Robotics on the R.I.S.E.</i> <b>Dr. Yasar Ayaz</b> Islamabad	<i>Industry Demo 7</i> <b>Orange Technologies</b> [20 mins]		
		<i>Industry Demo 8</i> <b>INNOVA NETWORK</b> [20 mins]		
15:30 – 16:15	<b>Keynote</b> <i>Enabling Communication Technologies for the Internet of Things</i> <b>Dr. Waleed Ejaz</b> Canada	<i>Venue : VC Conference Room</i> <i>[14:30 – 16:15]Hrs.</i>  <i>Roundtable for Industrial and Academia Linkages and Cooperation</i>  <i>Moderator</i> <b>Dr. Ali Hammad Akbar</b>		
17:30 – 19:00	Social Evening			

## SESSION-II

[10:00 –15:45] Hrs.	<i>Open AI and its Applications in Software, Mobile and Network Systems 19<sup>th</sup> December, 2017</i>		
	Room 1	Room 2	Departments
	Track 3 <i>Chair : Dr. Faisal Rashid</i>	Track 4 <i>Chair: Dr. Faisal Hayat</i>	Managers Mr. Ammar
10:00 – 10:45	<b>Invited Talk</b> <i>Python as Open Source Technology</i> <b>Dr.Raja Jamilah Raja Yousof,</b> <i>Malaysia</i>	<b>Invited Talk</b> <i>Linguistically Motivated Models for Multilingual Natural Language Processing</i> <b>Dr. Tahira Naseem, USA</b>	<b>BRAINIAC</b>
10:45 – 11:00	An Assessment of Key factors for Implementing Measurement Processes in SMEs <b>Presenter : M. Nouman</b>	Modeling and Controller Design for Helicopter Dynamics <b>Presenter : Abdur Rasheed</b>	
11:00 – 11:15	Vehicle to Grid System for Load and Frequency Management in Smart Grid <b>Presenter : Ubaid Ur Rehman</b>	Exploring Twitter News Biases Using Urdu-based Sentiment Lexicon <b>Presenter : Kamran Amjad</b>	
11:15 – 12:00	<b>Invited Talk</b> <i>AI vs Data Sciences: Parallel with Chomsky's Cognitive Psychology vs Skinner's Behavioral Psychology</i> <b>Dr. Syed Irfan Hyder – Pak</b>	<b>Invited Talk</b> <i>Automatic speech recognition - theory and applications</i> <b>Dr. Muhammad Ali Tahir - Pak</b>	
12:00 – 13:00	Lunch & Prayer Break		
13:00 – 13:45	<b>Invited Talk</b> <i>Precision Agriculture and the Role of Intelligent Technologies</i> <b>Dr. Mian Awais, Pak</b>	<b>Invited Talk</b> <i>Introduction to Deep Learning : An Open Source Development Perspective</i> <b>Dr. Suleman Mazhar, Pak</b>	<b>BRAINIAC</b>
13:45 – 14:00	Design and Fabrication of Underground Fault Distance Locator Using Arduino and GSM <b>Presenter : Amer Kumar Maheshwari</b>	<b>Industrial Tutorial</b> <b>Ms. Rocia Chamlati</b> Business Development Manager Purus Hi Tech Fzc	
14:00 – 14:15	Creating Adaptive Software Architecture Dynamically for Recurring New Requirements <b>Presenter : Nazakat Ali</b>		
14:15 – 15:00	<b>Invited Talk</b> <i>AI: A New Electricity</i> <b>Dr. Faisal Kamiran, Pak</b>	<b>Invited Talk</b> <i>3D Printing and its Impact</i> <b>Dr. Javaid Butt, UK</b>	
15:00 – 15:45	<i>Panel: Future perspective of Artificial Intelligence in Academia</i> <b>Moderator : Dr. Faisal Rashid</b>	<i>Panel: Future perspective of Artificial Intelligence in Industry</i> <b>Moderator: Dr. Faisal Hayat</b>	
16:00 – 18:00	SIGHT SEEING		

<b>SESSION-III</b>			<b>[Workshop]</b>
[10:00 –14:00] Hrs.	<b>Entrepreneurship &amp; Scientific Research &amp; Educational &amp; Business Funding Opportunities &amp; AI</b> <i>20<sup>th</sup> December, 2017</i>		
	Room 1	Room 2	Departments
	Track : 5 chair: Dr. Ghalib A. Shah	Track : 6 chair: Dr. Amjad Hussain	
10:00 – 11:30	<b>Workshop</b> <i>Raspberry Pi as IoT device</i> <b>Dr. Syed Misbah Udin, KSA</b>	<b>Invited Talk</b> <i>Intelligent Transportation Systems</i> <b>Dr. Waqar ul Qounain, Pak</b>	<i>Brainiac</i>
11:30 – 11:45	<b>ID 110: Paper Oral Presentation</b> Hardware Design and Implementation of ECC based Crypto Processor for Low-area-applications on FPGA <b>Presenter : Malik Imran</b>	<b>ID 119: Paper Oral Presentation</b> A Review of Smart TV: Past, Present, and Future <b>Presenter : Iftikar Alam</b>	
11:45 – 12:00	<b>ID 18: Paper Oral Presentation</b> Grey Box Identification Approach for Longitudinal and Lateral Dynamics of UAV <b>Presenter : Abdur Rasheed</b>	<b>ID 126: Paper Oral Presentation</b> Uniform Power Distribution for Low Side Lobe Automotive Applications at 24 GHz <b>Presenter : Junaid Jamshaid</b>	
12:00 – 12:45	<b>Invited Talk</b> <i>Block Chain: Decentralization technology behind Bit coin and its disruption</i> <b>Dr. Muhammad Murad, Pak</b>	<b>IGNITE</b> <i>Opportunities and Funding</i> <b>Mr. Sohail Tanveer</b> <b>Solicitation &amp; Evaluation, IGNITE</b>	
12:45 – 1:30	Lunch & Prayer Break		
13:30 – 14:00	<b>Panel : Entrepreneurial Scientific Research Framework</b> Moderator : Dr. Ghalib Asabdullah Shah	<b>Panel: Scientific Research &amp; Educational &amp; Business Funding Opportunities</b> Moderator: Dr. Muhammad Tahir	

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[14:00 - 16:00]Hrs.	<b>Closing Ceremony – IEEE ICOSST 2017</b>
[14:00 - 14:20]Hrs.	<b>Reception (Guest &amp; Participants)</b>
[14:20 - 14:25]Hrs.	<b>Recitation : Holy Quran</b>
[14:25 - 14:30]Hrs.	<b>Naat Rasool E Maqbool</b>
[14:30 - 14:45]Hrs.	<b>Closing Notes</b>
[14:45 – 14:50]Hrs.	Distinguished Guest : Note
	Chief Guest : Note
[14:50 – 14:55]Hrs.	<b>Plaques Distributions</b>
[14:55 – 15:00]Hrs.	Group Photo
[15:00 – 16:00]Hrs.	Refreshment