

**13th IEEE INTERNATIONAL CONFERENCE ON OPEN
SOURCE SYSTEMS AND TECHNOLOGIES (ICOSST 2019)
17,18, 19 December 2019** version:29

OPENING CEREMONY

*Tuesday 17 December 2019 / Duration [09:30 – 11:30] Hrs. /
Venue: Main Auditorium UET, Lahore, Pakistan*

Time	Activity
[09:00 – 09:30]	Reception – Guest & Audience
[09:30 – 09:35]	Recitation of Holy Quran
[09:35 – 09:40]	National Anthem
[09:40 – 09:50]	Welcome Note by: Prof. Dr. Waqar Mahmood Director, KICS UET Lahore
[09:50 – 10:00]	Remarks by: Prof. Dr. Syed Mansoor Sarwar VC, UET Lahore
[10:00 – 10:05]	Prof. Dr. Li Ming Director, UNESCO International Centre for Higher Education Innovation, China
[10:05 – 10:10]	Remarks by: Dr. Li Xu Deputy Director of Global Engagement Department, Southern University of Science and Technology, China
[10:10 – 10:15]	Remarks by: Prof. Dr. Fazal Ahmed Khalid Chairman PHEC
[10:15 – 10:25]	Remarks by: Guest of Honor Mr. Raja Yasir Humayun Sarfraz Minister for Higher Education Punjab
[10:25 – 10:40]	Plaques Distribution
[10:40 – 10:50]	Group Photo
[10:50 - 11:20]	Exhibition Opening & Inauguration Smart Class Room
[11:20 - 12:00]	Refreshment & Networking

DAY 1 (17th DECEMBER 2019) SESSION-I

Time Track – 1A	Venue : Room A	Time Track – 1B	Venue : Room B	Venue: Smart Classroom	Industrial Exposition	
<i>Session Chair: Prof. Dr. Lei Zhang</i>		<i>Internet of things & CLOUD Computing</i> <i>Session Chair: Dr. Ashiq Anjum</i>		<i>Session Chair: Prof. Dr. Waqar Mahmood</i>		
[12:00-12:40] Hrs	<i>System-of-systems boundary check in a public event scenario</i> Prof. Dr. Kashif Kifayat <i>Air University</i>	[12:00 - 12:40] Hrs	<i>Artificial Intelligence and future</i> Dr Faisal Rashid <i>UET Lahore</i>	<i>SCR Background</i> <i>Prof. Dr. Waqar + Opening Speech</i> Yuan Hao & Prof. LI Ming		
[12:40 -13:20] Hrs	<i>Network Requirements for Smart Applications: Challenges and Solutions</i> Prof. Jawwad Ahmed Shamsi FAST NU Karachi	[12:40–13:00] Hrs	<i>Cryptanalysis of the Ultralightweight MAC Protocol</i> Madhia Khalid	<i>UNESCO-ICHEI presentation + IIOE + Q&A</i> Li Fan/ Hassan Adeel		
		[13:00 - 13:20] Hrs	<i>Accident Management System Using Fog Computing</i> Syed Usman Jamil	<i>Smart Classroom Demo</i> + <i>Question Answer</i>		
Lunch & Prayer Break [13:20 - 14:00] Hrs						
Time Track – 2A	Venue : Room A	Time Track – 2B	Venue : Room B	Startup Competition (venue: Smart Classroom)	Industrial Exposition	
<i>Session Chair: Prof. Dr. Kashif Kifayat</i>		<i>Machine Learning & Artificial Intelligence</i> <i>Session Chair: Prof. Jawwad Ahmed Shamsi</i>				
[14:00 - 14:45] Hrs	<i>Agent Based Modelling and Simulation tools: A review of the state-of-art software</i> Prof. Dr. Georgios K. Theodoropoulos <i>SUS-Tech China</i>	[14:00 - 14:20] Hrs	<i>Using Combinations of Bio-inspired Feature Selection Algorithms in Software Efforts Estimation: An Empirical Study</i> Asad Ali			
[14:45 - 15:30] Hrs	<i>Intelligent Digital Twins: Artificial Intelligence and HPC meet Virtual Reality to offer Real Time 3D Analytics</i> Dr. Ashiq Anjum <i>University of Derby, UK</i>	[14:20 - 14:40] Hrs	<i>The Usual Suspects: Machine Learning Based Predictive Policing for Criminal Identification</i> Sajid Ali			
		[14:40 - 15:00] Hrs	<i>EEG-Based Emotion Recognition with Combined Deep Neural Networks Using Decomposed Feature Clustering Model</i> Adeel Asghar			

[15:30 - 16:20] Hrs	<i>Big data in farming</i> Prof. Dr. Mian Muhammad Awais LUMS Lahore	[15:00 - 15:20] Hrs	<i>Automatic Recognition of Human Actions</i> Sumayyea Salahuddin
Sight Seeing and Conference Dinner [16:30 – 20:00] Hrs			

DAY 2 (18 DECEMBER 2019) SESSION-I

Time: Track-3A	Venue: Room A	Time: Track-3B	Venue : Room B	Startup Competition Round 1 (venue: Smart Classroom)	Industrial Exposition
Session Chair: Prof. Dr. Omer Rana		Cyber Security & Image Processing & Neuro-Linguistic Programming & Smart Systems Session Chair: Prof. Dr. Georgios K. Theodoropoulos			
[10:00-10:40] Hrs	<i>Resource-Conscious Frameworks for Video Summarization and Prioritization</i> Dr. Irfan Mahmood University of Bradford, UK	[10:00 - 10:20] Hrs	<i>Entropy-Based Feature Selection Classification Approach for Detecting Phishing Websites</i> Shahzad Ali		
[10:40-11:20] Hrs	<i>Compact Network with Cosine Activation</i> Prof. Dr. Lei Zhang Guangdong University of Petrochemical Technology, China	[10:20 - 10:40] Hrs	<i>Privacy Leakage Through Exploitation of Vulnerable Inter-App Communication on Android</i> Kashif Naseer Qureshi		
[11:20-12:00] Hrs	<i>Big Data</i> Dr. Adnan Abid UMT Lahore	[10:40 - 11:00] Hrs	<i>Implementation and Analysis of Fusion in Multibiometrics</i> Maleika Heenaye		
		[11:00 - 11:20] Hrs	<i>Autonomous Swimmers Tracking Algorithm Based on Kalman Filter and CamShift</i> Muhammad Aftab Hayat		

		[11:20 - 11:40] Hrs	<i>Object Segmentation in Video Sequences by Using Single Frame Processing</i> Muhammad Hamza		
[12:00-12:40] Hrs	<i>Robotics in Agriculture</i> Dr. Syed Atif Mehdi <i>University of Central Punjab</i>	[11:40 - 12:20] Hrs	Startup Competition Round 2		
Tea Break		Tea Break			

Day 2 (18 DECEMBER 2019) Session-II

Time Track – 4A	Venue : Room A	Time Track - 4B	Venue: Room B	venue: Smart Classroom	
Session Chair: Dr. Irfan Mahmood					
[12:40 - 13:20] Hrs	<i>Robotics on the R.I.S.E</i> Dr. Yassar Ayyaz <i>NUST Islamabad</i>	[12:20-14:00] Hrs	Startup Competition Round 3	Startup Competition Round 4	<i>Industrial exposition</i>
[13:20 – 14:00] Hrs	<i>Challenges in 5G: how to empower SON with big data for enabling 5G</i> Dr. Ali Imran <i>University of Oklahoma, USA</i>				
Lunch & Prayer Break [14:00 – 14:30] Hrs					

Day 2 (18 DECEMBER 2019) Session III

Time Track – 5A	Venue : : VC Conference Room	Time Track – 5B	
Session Chair: Prof. Dr. Syed Mansoor Sarwar			
[14:45 - 16:00] Hrs	<i>Roundtable for Industrial and Academia Linkages and Cooperation</i> <i>Moderator</i> Dr. Ghalib A. Shah	[14:45 - 16:00] Hrs	Industrial Exposition

Day 2 (18 DECEMBER 2019) Session IV

<i>Closing Ceremony</i> <i>Venue: Transport Department Hall, Lahore, Pakistan</i>	
[16:00 - 16:20]	Reception (Guest & Participants)
[16:20 - 16:30]	Recitation : Holy Quran
[16:30 - 17:00]	Closing Notes
[10 Min]	<i>Guest of Honor</i> Prof. Dr. Waqar Mahmood, Director CERAD UET Lahore
[05 Min]	Lei Zhang <i>Guangdong University of Petrochemical Technology, China</i>
[05 Min]	Prof. Dr. Georgios K. Theodoropoulos <i>SUS-Tech China</i>
[05 Min]	Irfan Mahmood <i>University of Bradford, UK</i>
[05 Min]	Dr. Ashiq Anjum <i>University of Derby, UK</i>
[17:00 – 17:20]	Khalid Maqbool Siddiqui <i>Minister IT Pakistan</i>
[17:20 – 17:40]	Plaques Distribution
[17:40 – 17:45]	Group Photo
[17:45 – 18:00]	Refreshment

Day 3 (19th DECEMBER 2019) Session I

Venue: Smart Class Room	
Time Track – 6A	Track 1
10:00 – 11:00 [Hrs]	Workshop 1 <i>Machine Learning and Python</i> Muhammad Umair <i>UET Lahore</i>
11:00 – 12:00 [Hrs]	Workshop 2 <i>Autonomous Navigation of Mobile platforms Using open-source Robot</i> Ahmed Hassan, KICS UET Lahore
12:00 – 13:00 [Hrs]	Workshop 3 <i>Predictive Machine Learning based Data Analysis on different Structured Real time Data.</i> Zeeshan Khan, KICS UET Lahore
13:00-13:30 [Hrs]	Certificate Distribution Ceremony