



CONFERENCE SCHEDULE

Conference Day II (Friday, 16th December, 2016)

Opening Ceremony – 10 th IEEE ICOSST-2016 (Main Hall, Auditorium Complex UET, Lahore)					
Anchor:					
Timings [0945 – 1100] Hrs					
National Anthem	3 Mins [1000 – 1003] Hrs				
Recitation of the Holy Quran	5 Mins [1003 – 1008] Hrs				
Introduction Dr. Waqar Mahmood, Director, Al-Khawarizmi Institute of Computer Science (KICS), UET, Lahore	7 Mins [1008 – 1015] Hrs				
Distinguished Guest Mr. Tariq Sultan, Member (Finance) PTA	10 Mins [1015 – 1025] Hrs				
VC Address Dr. Fazal Ahmad Khalid, Vice Chancellor UET, Lahore	10 Mins [1025 – 1035] Hrs				
Chief Guest Address Mr. Ali Raza Gillani, Honorable Minister HED Govt. of the Punjab	15 Mins [1035 – 1050] Hrs				
Shields Distribution	5 Mins [1050 -1055]				
Group Photo	5 Mins [1055 – 1100] Hrs				
Tea Break Timings: [1100 – 1120] Hrs					
Friday, 16th December, 2016	Venue: Conference Room 1, Auditorium Complex UET, Lahore			Venue: Main Hall, Auditorium Complex UET, Lahore	Venue: Conference Room 2, Auditorium Complex UET, Lahore
Timings	Session I Software Applications and Systems [1130- 1245] Hrs	Session II Networks, Security & Information Systems [1130- 1245] Hrs	Session III Mobile Systems & Applications [1130- 1245] Hrs		
	Session Chair: Dr. Faisal Shaikh	Session Chair: Dr. Omer Waqar	Session Chair: Dr. Aasadullah Ghalib		
	Session Co-Chair: Saira Jabeen	Session Co-Chair: Abida Nazir	Session Co-Chair: Ayesha Kamal		
	Session Manager: Ayyaz Ahmad	Session Manager: Haider Ali Zahid	Session Manager: Ammar Yaqoob		
30 Min [1130 - 1200] Hrs	Invited Talk: Title: Industrial applications of computer vision with an emerging revolution in machine learning techniques Speaker: Dr. Zulfiqar Habib Affiliation: COMSATS Institute of Information Technology, Lahore	Invited Talk:[SK]: Title: Enabling Technologies for 5G Wireless Networks Speaker: Dr. Mohamed-Slim Alouini Affiliation: King Abdullah University of Science and Technology (KAUST), KSA	Invited Talk: Title: Design of Near Field Communication Wearable Antennas Speaker: Dr. Razi Iqbal Affiliation: American University in the Emirates, UAE		
15 Min [1200 -1215] Hrs	Title: Safe Regression Test Suite Optimization: A Review Autors: Aftab Haider, Aamer Nadeem		Title: On the Power Allocation of Non-orthogonal Multiple Access for 5G Wireless Networks Authors: Muhammad Basit Shahab, Md Fazul Kader and Soo Young Shin		
15 Min [1215 -1230] Hrs	Title: Design and Analysis of Switching in Automatic Transfer Switch for Load Transfer Authors: Sheeraz Ahmed, Qaisar Azeemi, Habib Ur Rehman, Riaz-Ul- Hasnain	Title: Optimized Depth-Based Routing Protocol for Underwater Wireless Sensor Networks Authors: Tanveer Ahmed, Maham Chaudhary, Mohammad Kaleem, Sajid Nazir	Title: Formal Verification of Energy Consumption for an EEG Monitoring Wireless Body Area Sensor Network Authors: Asad Ahmad, Osman Hasan, Sofiene Tahar & Amr Mohamed		
15 Min [1230 -1245] Hrs	Title: Integration of Smart Parking in Distributed ITS Architecture Authors: Muhammad Alam, Bruno Fernandes, Joao Almeida, Joaquim Ferreira, José Fonseca	Title: Secure AES OFDM with Channel Reciprocity Exploitation through Relative Calibration Authors: Chandni Akbar, Hassan Mehmood	Title: An Unsigned Autocorrelation Based Blind Spectrum Sensing Approach for Cognitive Radio Author: Bushra Shaikh, Syed. M. Zafi Shah and Fahim Umrani		
Lunch and Prayer Break Timings: [1245 – 1345]Hrs					
Friday, 16th December, 2016	Venue: Conference Room 1, Auditorium Complex UET, Lahore	Venue: Main Hall, Auditorium Complex UET, Lahore	Venue: Conference Room 2, Auditorium Complex UET, Lahore		
	Session I	Session II	Session III		

Timings	Software Applications and Systems	Networks, Security & Information Systems	Mobile Systems & Applications
	[1400 - 1515] Hrs	[1400 - 1515] Hrs	[1400 - 1515] Hrs
	Session Chair: Dr. Faisal Shaikh	Session Chair: Dr. Omer Waqar	Session Chair: Dr. Aasadullah Ghalib
	Session Co-Chair: Saira Jabeen	Session Co-Chair: Abida Nazir	Session Co-Chair: Ayesha Kamal
	Session Manager: Ayyaz Ahmad	Session Manager: Haider Ali Zahid	Session Manager: Ammar Yaqoob
30 Min [1400 -1430] Hrs	Invited Talk: Title: Intelligent Systems: Past, Presence, Future Speaker: Dr. Andrew Ware Affiliation: University of South Wales, United Kingdom	Invited Talk:[SKJ]: Title: Mobile Technologies Expanding Educational Opportunities Speaker: Dr. Helen Crompton Affiliation: Old Dominion University, USA	Invited Talk: Title: Artificial Brain – How to Make It? Speaker: Dr. Tariq Jamil Affiliation: Sultan Qaboos University, Oman
15 Min [1430- 1445] Hrs	Title: Extendable and customizable features for the detection of JEA/JZEE Patterns Authors: Zaigham Mushtaq, Ghulam Rasool, Balawal Shahzad	Title: RACE: Reliability and Adaptive Cooperation for Efficient Underwater Sensor Networks Authors: Sheeraz Ahmed, Nadeem Javaid, Qaiser Azeemi, Saqib Shahid, Fazl E Hadi	Title: Predicting Bug Inducing Source Code Change Patterns Author: Ayazuddin Khan, Syed Nadeem Ahsan
15 Min [1445- 1500] Hrs	Title: Novel Mania: A Semantic Search Engine for Urdu Novels Author: Bisma Ayaz , Wajiha Altaf, Farah Sadiq, Hameeza Ahmed, Muhammad Ali Ismail	Title: Wireless Communication A Sustainable Solution for Future Smart Grid Networks Authors: Ahmed Qaddus, Abid Minhas	
15 Min [1500- 1515] Hrs	Title: GPGPU based Concurrent Classification using Trained model of Handwritten Digits Author : Syed Tahir Hussain Rizvi, Gianpiero Cabodi, Arslan Arif, Muhammad Yaqoob Javed, Muhammad Majid Gulzar	Title: Simulation Based Performance Evaluation of Different TCP Flavours along with UDP Flow [SKJ] Authors: Azeem Aftab, Azfar Ghani, Zain Ul Abedin, Mohtashim Baqar	Title: An Efficient Intrusion Detection Scheme for Cluster Based AMI Networks Author: Muhammad Shahzad and Muhammad Ashraf
30 Min [1515 -1545] Hrs	Invited Talk:[SKJ]: Title: Applied Machine learning in diachrony Speaker: Dr. Daniela Gifu Affiliation: University of Iasi, Romania	Invited Talk:[SKJ]: Title: Glare: ICT Support to Evidence-based Healthcare Speaker: Dr. Paolo Terenziani Affiliation: Universita' del Piemonte Orientale "Amedeo Avogadro", Italy	Invited Talk [SKJ]: Title: ICT for Differently Abled Persons Speaker: Dr. Vishal Goyal Affiliation: Punjabi University Patiala, India
Official Sight Tour Visit [1545 Hrs] Dr. Ghalib Shah			
Day III (Saturday, 17th December, 2016)			
Saturday, 17th December, 2016	Venue: Conference Room 1, Auditorium Complex UET, Lahore	Venue: Seminar Hall, KICS, UET, Lahore	Venue: Conference Room 2, Auditorium Complex UET, Lahore
Timings	Session IV	Session V	Session VI
	Software Applications and Systems	Networks, Security & Information Systems	Mobile Systems & Applications
	[1000 - 1315] Hrs	[1000 - 1315] Hrs	[1000 - 1315] Hrs
	Session Chair: Dr. Faisal Hayat	Session Chair: Dr. Ubaidullah Fayaz	Session Chair: Dr. Usman Ghani Khan
	Session Co-Chair: Aiman Siddiqi	Session Co-Chair: Anum Riaz	Session Co-Chair: Hajra Khan
	Session Manager: Adeel	Session Manager: Saqib Ahmad	Session Manager: Samar Bashir
30 Min [1015-1045] Hrs	Invited Talk: Title: Big Data Analytics and its Applications for Pakistan's Government and Industry Speaker: Dr. Raziq Yaqub Affiliation: Alabama A&M University, USA	Invited Talk:[SKJ]: Title: Effects of curves on Graph Perception Speaker: Dr. Tony Huang Affiliation: University of Tasmania, Australia	Invited Talk: Title: Intelligent Systems on Paper Currency Recognition Speaker: Dr. Muhammad Sarfraz Affiliation: Kuwait University, Kuwait
15 Min [1045-1100] Hrs	Title: Implementation of Secure Force (64-bit) on low cost 8-bit Microcontroller Authors: Muhammad Usman, Syed Zain-Ul-Abedin Abidi, Muhammad Hassam Shakeel Siddiqui, Muhammad Sohail Ibrahim	Title: Design and Implementation of a low cost MPPT Controller for Solar PV System Author: Zeashan Khan	Title: Comparative Analysis of Motion Planning Techniques for Autonomous Mobile Robots Authors: Asad Ullah, Hassam Muazzam, Bader Tariq Mehmood and Ammar Tauqir
15 Min [1100-1115] Hrs	Title: An ensemble classification approach for automated diagnosis of Alzheimer's disease and mild cognitive impairment Authors: Muhammad Aksam Iftikhar and Adnan Idris	Title: Deep Belief Networks for Iris Recognition Based on Contour Detectio [SKJ] Author: Mohtashim Baqar, Azfar Ghani, Azeem Aftab, Saira Arbab and Sajid Yasin	Title: A Real Time Framework for Recognition of Human Faces Authors: M Shujah Islam Sameem, Tehreem Qasim, Khush Bakhat
Tea Break [1115– 1130] Hrs			
30 Min [1145– 1215] Hrs	Invited Talk: Title: Testing Cyber-Physical Systems in Uncertainty Speaker: Dr. Shaukat Ali	Invited Talk:[SKJ]: Title: Numerical Simulation, Traffic Analysis and Service Quality in Carrier Voice Networks Speaker: Dr. Antoanela Naaji	

	Affiliation: Simula Research Laboratory, Norway	Affiliation: Vasile Goldis Western University Arad, Romania	
15 Min [1215-1230] Hrs	Title: Elimination of Limit Cycle in Unexcited Van der Pol System using Fuzzy Supported State Space Controllers Author: Shahzad Ahmad, Ghulam Abbas, Abdul Rehman Yasin, Umar Farooq	Title: Linked File System: Towards Exploiting Linked Data Technology in File Systems Author: Syed Rahman Mashwani, Shah Khusro, Azhar Rauf, Saeed Mahfooz	Title: Calibration of Flux Gate Compass for Underwater Applications Authors: Amir Rashid, Syed Shah, Abdur Rehman
15 Min [1230-1245] Hrs	Title: Towards a Semantic Book Search Engine Author: Shah Khusro, Irfan Ullah		Title: Formalizing Structural Semantics of UML 2.5 Activity Diagram in Z Notation Author: Maryam Jamal, Nazir Ahmad Zafar
30 Min [1245-1315] Hrs	Invited Talk: Title: Brain-Computer Interfaces for Recording and Interpreting Neural Signals Speaker: Dr. Kamran Iqbal Affiliation: University of Arkansas at Little Rock, USA	Invited Talk:[SK]: Title: Cyber Physical Systems for Industry 4.0 Speaker: Dr. Axel Sikora Affiliation: Offenburg University of Applied Sciences, Germany	

Lunch and Prayer Break Timings: [1315- 1430]Hrs

Saturday, 17th December, 2016	Venue: KICS Seminar Hall, UET, Lahore
Timings	[1430 – 1600] Hrs
45 Min	Keynote Invited Talk
	DVP, IEEE Computer Society, NJ, USA
[1430 - 1515]Hrs	Title: Transforming Healthcare through Interoperability
45 Min	Speaker: Dr. Luis Kun
[1515 - 1600]Hrs	Group Panel Discussion - Smart Cities
[1600 – 1615] Hrs	Venue: KICS Seminar Hall, UET, Lahore
[1615 - 1715] Hrs	Prayer Break
	Award Distribution Ceremony
	Venue: KICS Seminar Hall, UET, Lahore

Prayer Break Timings: [1715 –1730] Hrs

Closing Ceremony	
Venue: Main Hall, Auditorium Complex UET, Lahore	
Timings: [1800-2000]Hrs	
National Anthem	3 Mins [1800 – 1803] Hrs
Recitation of the Holy Quran	5 Mins [1803 – 1808] Hrs
Review and Recommendations	15 Mins
Dr. Waqar Mahmood, Director, Al-Khwarizmi Institute of Computer Science (KICS), UET, Lahore	[1808 – 1823] Hrs
Distinguished Guest	5 Mins
Dr. Andrew Ware, University of South Wales, UK	[1823 – 1828] Hrs
Distinguished Guest	10 Mins
Dr. Shafay Shumail, Chair, IEEE Lahore Section (R10)	[1828 – 1838] Hrs
Vice Chancellor Address	5 Mins
Dr. Fazal Ahmad Khalid, Vice Chancellor UET, Lahore	[1838 – 1843] Hrs
Chief Guest Address	10 Mins
Dr. Umar Saif, Chairman, PITB	[1843 -- 1853]
Shield Distribution	20 Mins [1853 - 1913] Hrs
Group Photo	7 Mins [1913 - 1920] Hrs
Dinner Venue: Basement, UET Auditorium Complex [1920 – 2000] Hrs	



- *All times are Pakistan Standard Time (PST), GMT +5
- *Latest Version of Conference Program can be Downloaded from <http://icosst.kics.edu.pk/2016/main/prog>
- *Email : ICOSST2016@EASYCHAIR.ORG