ICET 2018 Program

Day 2: 22nd November, 2018

9:00-9:15	Registration					
9:15-10:00	**Keynote Session (Noor Hall) The Nuts and Bolts of Autonomous Driving, Speaker: Dr. Ahmed Muqeem Sheri, GIST, South Korea.**					
10:00-11:00	**Session 6 (Sensor Networks) (Noor Hall) [20 mins each]**					
10:00-10:20	12	Sofia Yousuf and Muhammad Bilal Kadri		Robot Localization in Indoor and Outdoor Environments by Multi-sensor Fusion		
10:20-10:40	17	Zeeshan Ashraf and Muhammad Yousaf		Optimized Convergence Times of OSPFv3 in Large Scale Hybrid IPv4-IPv6 Network		
10:40-11:00	19	Tayyab Shafique, Hassan Maken, Hafsa Arshad and Hasan Ali Khattak		Home Energy Monitoring System using Wireless Sensor Network		
11:00-11:20	**Tea Break**					

11:20-13:00	**Session 7 (AI & Machine Learning) (Noor Hall) [20 mins each]**			**Session 8 (Circuits, Embedded & Intelligent Systems) (Xian Hall) [20 mins each]**		
11:20-11:40	3	Sidra Nasir, Dr. Muhammad Asif and Saif Ullah	An Agent Based Model for Diffusion of Smart Grid Technology in the Society	119	Umer Ahmed, Saif Rehman, Umair Rafique and Mansoor Ahmed	AlGaN/GaN FinFET: A Comparative Study
11:40-12:00	11	Abdullah Bin Azhar and Muhammad Bilal Kadri	Empirical evaluation of formation control scheme based on artificial potential fields for a team of nonholonomic mobile robot	164	Imran Ali, Muhammad Asif, Muhammad Riaz Ur Rehman, Muhammad Basim, Sung Jin Kim and Kang-Yoon Le	A Configurable, Multi-Mode Comma Detection and Word Alignment Controller for High Speed Serial Interface in 130 nm CMOS Technology
12:00-12:20	23	Umar Hayat, Muhammad Aatif, Osama Zeeshan and Imran Siddiqi	Ligature Recognition in Urdu Caption Text using Deep Convolutional Neural Networks	189	Muhammad Abdul Basit and Rabiah Badar	Online Adaptive NeuroFuzzy Based Energy Management Schemes for Fuel-Cell Based Hybrid Power System
12:20-12:40	45	Zeashan Khan	ROBO-FLOCK: Development of a low-cost Leaderfollower Swarm of Mobile Robots	65	Muhammad Shahzaib and Dr. Sadia Shakil	Hand Electromyography Circuit and Signals Classification Using Artificial Neural Network
12:40-13:00	191	Tehmina Amjad, Ali Daud, Sadia Khan, Rabeeh Ayaz Abbasi and Faisal Imran	Prediction of Rising Stars from Pakistani Research Communities	190	Ahmad Raza, Irfan Ul Haq and Usman Shaukat	Cloudlet based Augmentation of Mobile Devices
13:00-13:40	**Lunch Break**					

13:40-15:00	**Session 9 (Social Networks and IOTs) (Noor Hall) [20 mins each]**			**13:40-15:10 - Session 10 (Workshop: Cyber Security) (Xian Hall) [90 minutes]**		
13:40-14:00	161	Mashab Farooqi, Hasan Ali Khattak and Muhammad Imran	Data Quality Techniques in the Internet of Things: Random Forest Regression	Cyber Range: A Shooting Range for Cyber Warriors (Dr. Muhammad Yousaf, Riphah International University, Islamabad)		
14:00-14:20	163	Saqib Iqbal, Ghazanfar Farooq and Muhammad Zafar Iqbal	Modelling Trust Developing Procedure between Pet and Owner			
14:20-14:40	192	Faisal Imran, Rabeeh Ayaz Abbasi, Muddassar Sindhu, Akmal Khattak, Ali Daud and Tehmina	Finding Research Areas of Academicians using Clique Percolation			
14:40-15:00	184	Sidra Abbasi, Adnan Naseem, Azra Shamim, Muhammad Ahsan Qureshi	An Empirical Investigation of Motives, Nature and Online Sources of Cyberbullying			
15:15-16:00	**Best Papers Awards & Closing Ceremony**					
16:00-17:00	**Tea Break & End of Conference**					