

Conference Inaugural Program

25th IEEE International Multi Topic Conference (INMIC-2023)

17th -18th November 2023

OPENING CEREMONY

Friday 17th November 2023 | Duration [10:00 - 11:25]

Venue: UCP Auditorium, Lahore, Pakistan

Time	Activity
[10:00-10:03]	Recitation of Holy Quran
[10:03-10:05]	National Anthem
[10:05 - 10:07]	Video of UCP -Events
[10:07 - 10:12]	Welcome Note by: Dr. Muhammad Amjad Iqbal, Dean FOITCS, UCP
[10:12 - 10:17]	Welcome Note by: Dr. Rizwan Shad, Dean FOE, UCP
[10:17 - 10:25]	Opening Address by Dr. Hadia Awan, Pro-Rector, UCP
[10:25 - 10:35]	Address by Chief Guest
[10:35 - 10:40]	Presentation of souvenirs
[10:40 - 11:00]	Talk-01-Keynote Speaker-I - Towards Trustworthy and Responsible AI: Real-world Use Cases, Challenges and Opportunities Dr. Amir Hussain, Edinburgh Napier University, UK
[11:00 - 11:20]	Talk-02-Keynote Speaker-II - 6G: Vision, Requirements, Technical Challenges, Standardization & Implementations Prof. Dr. Shahid Mumtaz, Nottingham Trent University, UK
[11:25]	Group Photo
[11:25-11:50]	Tea Break
[13:00-15:00]	Jumma Break
[15:00-17:00]	Panel Discussion (Auditorium)

SESSIONS - Day-01

Time	Artificial Intelligence Track-01 Venue: UCP - Conference Room - 1st Floor A-Building	Time	Electronic Devices, Circuits, and Communication Systems Track-01 Venue: UCP - Lecture Room - 402 4th Floor A-Building	Time	Networks and Distributed Systems & Blockchain Platforms and Services Venue: UCP - Lecture Room - 403 4th Floor A-Building
Session-1 Session Chair: Dr. Ayyaz Hussain, Session (QAU), Co-Chair: Dr. Ali Saeed (UCP)		Session-2 Session Chair: Dr. Amjad Hussain, Session Co-Chair: Dr. Muhammad Saadi		Session-3 Session Chair: Dr. Abdullah Yousafzai, Session Co-Chair: Dr. Yasir Niaz Khan (10Pearls)	
[11:50-12:05]	Talk 3-4 Artificial Intelligence in Healthcare: The Hope, The Hype and Real World Impact Dr Azhar Imran Mudassir Air University Islamabad	[11:50-12:18]	Talk 5 Development of fault finding algorithms for Photovoltaic systems Dr Hadeed Ahmed Sher Ghulam Ishaq Khan Institute of Engineering Sciences and Technology, Pakistan	[11:50-12:18]	Talk 6 Embrace the Digital Technology – DIGITAL TWIN. Dr Rehan Akbar Florida International University, FL
[12:05-12:30]	Remote-SOS4EEZ: Remote Sensing for Oil Spill Detection in Pakistan's Exclusive Economic Zone Dr. Muhammad Adnan Siddique (Information Technology University of the Punjab)	[12:18-12:30]	PaperID-141-A Hardware-in-Loop Platform for Nonlinear Control of Isolated Boost Converter with Voltage Doubler Khan, Manaal*; Bharmal, Arwa H; Haider Mirza, Agha Dilwar; Abrar, Shafayat; Makda, Ishiyah; Najeeb, Aiman	[12:18-12:30]	PaperID-165-Optimizing Smart Transportation Systems with Blockchain-Based Consensus Mechanisms: A Novel Approach Misbah, Sameer*; Shahid, Dr.Muhammad Farrukh; akhtar, shahbaz siddiqui; S. Khanzada, Tariq Jamil
[12:30-12:42]	PaperID-74-An Efficient Cyber Security Framework for Network Intrusion Detection using Hybrid Classifier Haider, Iram*; Qureshi, Dr. Muhammad Ali; Amin, Asjad; Saeed, Arshad	[12:30-12:42]	PaperID-22-An Efficient Algorithm for Mapping Deep Learning Applications on the NoC Architecture Suleman, Tayyaba; Khan, Zeeshan Ali*	[12:30-12:42]	PaperID-39-Futuristic Fiber: Bringing the Future Home with FTTH Hussain, Muhammad Zunnurain*; Hamza, Ali; Hasan, Muhammad Zulkifli; Nosheen, Summaira; Qureshi, Ali Moiz; Siddiqui, Adeel Ahmad
[12:42-12:55]	PaperID-21-Integrating Ensemble Learning into Remote Health Monitoring for Accurate Prediction of Oral and Maxillofacial Diseases Hussain, Syed Muhammad*; Ali Zaidi, Samiya; Hyder, Afsah; Movania, Muhammad Mobeen Mobeen	[12:42-12:55]	PaperID-30-Design and Development of Multi-Stage CANSAT for Measuring Attitude and Atmospheric Parameters. Ahmad, Khubaib; Saleem, M Kamran*; Afzal, Waleed; Ahmad, Awais	[12:42-12:55]	PaperID-51-Post-Quantum Group Key Management in IoTs Samiullah, Fouzia*; Gan, Ming Lee; Akleylek, Sedat; Aun, Yichiet
[12:55-13:07]	PaperID-68-A Transfer Learning Based Detection and Grading of Cataract using Fundus Images Abbas, Ahsan*; Alzahrani, Abdulkareem; Imran, Azhar; Almuhaimeed, Abdullah; Khan, Ali Haider	[12:55-13:07]	PaperID-113-A Strip-Isolated Two-port Millimeterwave MIMO Antenna for 28 GHz 5G Communication Band Haider, Wardah Ali; Malik, Waqar Ahmad*; Khalid, Khujasta; Ullah, Hidayat; Tahir, Farooq Ahmad; Abbasi, Qammer H.	[12:55-13:07]	PaperID-122-Intelligent Buffer Management Policy in Post Disaster Network Using DTN Iqbal, Saeed*; Choudhry, Imran Arshad; Lodhi, Awais M
[12:52-15:00]	Jumma Break				
Session Chair: Dr. Azhar Imran Mudassir(AU), Session Co-Chair: Dr. Zubair (UCP)		Session Chair: Dr. Muhammad Nazir (HITEC University), Session Co-Chair:Dr. Saira Andleeb Gillani		Session Chair: Dr Hadeed Ahmed Sher (GIK), Session Co-Chair: Dr. Ali Ahmad (UCP)	
Session-4 Session Chair: Dr. Azhar Imran Mudassir(AU), Session Co-Chair: Dr. Zubair (UCP)		Session-5 Session Chair: Dr. Muhammad Nazir (HITEC University), Session Co-Chair:Dr. Saira Andleeb Gillani		Session-6 Session Chair: Dr Hadeed Ahmed Sher (GIK), Session Co-Chair: Dr. Ali Ahmad (UCP)	
[15:05-15:45]	Talk 7 Virtual Reality: A Catalyst for Upskilling Medical Staff in Developing Economies. Prof Dr Andrew Ware University of South Wales, UK	[15:05-15:30]	Talk 8-9 Deep Learning – Past, Present and Future Prof Dr Ayyaz Hussain Quaid-i-Azam University Islamabad	[15:05-15:30]	Talk 10-11 Synergy between Machine Learning and Software Engineering Dr Sajid Anwar Khan IM Sciences, Peshawar
[15:45-15:57]	PaperID-76-An Ensemble Classifier for TVET Course prediction using Big Five Personality Traits Hassan, Rana Hammad*; Hassan, Malik Tahir	[15:30-15:57]	AI and Economic Growth Dr. Zahoor Jan (Islamia College, Peshawar)	[15:30-15:57]	Applications of Weighted Federated Machine Learning Dr Muhammad Adnan Khan (Skyline University College, Sharjah, UAE)
[15:57-16:09]	PaperID-144-An Intelligent Model to Predict Cardiovascular Disease using Machine Learning Techniques Sadaf, Zawaria*; Khawaja, Sajid Gul	[15:57-16:09]	PaperID-142-Feedback Controlling Turbine Position for a Prototype Tidal Power Plant Bharmal, Arwa H; Tabassum, Maham; Khan, Manaal*; Najeeb, Aiman; Abrar, Shafayat	[15:57-16:09]	PaperID-119-A 3-Stage 22.5W GaN High Power Amplifier at 10 GHz for Satellite and Radar Applications zahid, humayun*
[16:09-16:21]	PaperID-228-Diabetic Retinopathy Classification of Fundus Images of eyes using Deep learning Algorithms Hassan, Muhammad Ammar*; Ahmed, Daniyal; Afshan, Mehwish	[16:09-16:21]	PaperID-80-Enhancing Pakistan Rice Plant Disease Detection: A Highly Effective Pre-Trained CNN Model Arshed, Muhammad Asad*; Akram, Zeeshan; Bajwa, Haroon Zahid; Azeem, Muhammad Huzaifa; Dawood, Muhammad Ahmad; Riaz, Faisal	[16:09-16:21]	PaperID-23-A MATLAB Toolbox for the Extraction of PV Module Parameters Using Optimization Algorithms Adeel, Muhammad; Sher, Hadeed Ahmed*; Kamal Hassan, Ahmad
[16:21-16:33]	PaperID-64-Enhancing Vehicle Entrance and Parking Management: Deep Learning Solutions for Efficiency and Security Ali, Usman*; Ramzan, Muhammad Umer; Abbas, Syed Haider; Aslam, Zeeshan; Ihsan, Tahseen; Ali, Husnain; Faheem, Muhammad	[16:21-16:33]	PaperID-94-Scale Invariant Tracking of Objects and Occlusion Detection in Challenging Thermal Infrared Sequences Lashari, Hiba Madiha*; Ahmad, Rana Fayyaz; Taj, Imtiaz; Awan, Tahir; Nawaz, Rab	[16:21-16:33]	PaperID-77-Mechatronic Design of a Two Axis Solar Tracker System for Improved Efficiency Khan, Zeeshan H*
[16:33-16:45]	PaperID-221-FDF: Fragment based Data Forwarding in NDN based UWSN Bari, Sana; Rehman, Rana Asif*	[16:33-16:45]	PaperID-100-Multi-Objective Optimization of the Traveling Salesman Problem using Merging Methodology Chughtai, Faizan Ahmad*; Umair, Muhammad; Zubair, Muhammad; Ashraf, Mohsin	[16:33-16:45]	PaperID-89-Novel BaTiO3@TiO2 Incorporated Flexible Nanocomposites for Energy Storage Applications Munir, Muhammad Ammar*; Marwat, Mohsin Ali; Idrees, Muhammad; Shah, Mohammad Raiyan; Ud Din, Zia
[16:45-16:57]		[16:45-16:57]		[16:45-16:57]	PaperID-107-Design and Analysis of an Efficient ESPWM Based Induction Motor Drive Abbas, Shafiqat*; Ali, Usman; Iqbal, Taosif

Closing Remarks Day 1

Workshop on AI for Cyber Security (By Mr. Usman Riaz, CureMD) - Webinar Room C-Building (2:00PM-onwards)

SESSION-Day-02

Robotics and Intelligent Systems		Electronic Devices, Circuits, and Communication Systems Track-02		Artificial Intelligence -03-Track	
Session-7	Venue: UCP - Conference Room - 1st Floor A-Building	Session-8	Venue: UCP - Lecture Room - 402 4th Floor A-Building	Session-9	Venue: UCP - Lecture Room - 403 4th Floor A-Building
Session Chair: Dr. Wajahat Qazi (CU), Session Co-Chair: Dr. Muhammad Umair (UCP)		Session Chair: Dr. Sarwar Ehsan, Session Co-Chair: Dr. Fesal Toosy (UCP)		Session Chair: Dr. Waqas Haider Khan Bangyal (KUM), Session Co-Chair: Dr. Shazia Saqib (UCP)	
[09:30-10:10]	Talk -12	[09:30-10:10]	Talk -13	[09:30-10:10]	Talk -14
	Cognitive Approach Machines with Subjectivity and Awareness		Leveraging the Power of AI & Data Science		Harnessing Novel Sensors and Advanced Machine Learning for Real-time Respiratory Diagnostics
	Dr. Wajahat Qazi		Prof. Dr Usman Qamar		Dr Dang (Kevin) Nguyen
	COMSATS University Islamabad, Lahore Campus		National University of Sciences and Technology (NUST), Pakistan		Massachusetts General Hospital and Harvard Medical School, Massachusetts, USA
[10:10-10:22]	PaperID-82-Does your robot know when to cross the road?	[10:10-10:22]	PaperID-129-A High Efficiency 25W Class-AB and Class-F GaN High Power Amplifier at 10 GHz for Satellite Applications	[10:10-10:22]	PaperID-106-Enhancing Urdu Intrinsic Plagiarism Detection Through Stylometry Features and Machine Learning
	Shafique, Muneeb*; Alam, Sajee; Tanwir, Abdul; Samad, Abdul		zahid, humayun*		Manzoor, Muhammad Faraz*; Farooq, Muhammad Shoaib; Haseeb, Muhammad; Farooq, Uzma; Abid, Adnan; Saeed, Ahmer
[10:22-10:34]	PaperID-103-Design and Development of Assistive Ankle Exoskeleton for Rehabilitation using Electromyography	[10:22-10:34]	PaperID-149-Real time Heart Attack Detection Using Emerging Technologies	[10:22-10:34]	PaperID-112-Convolutional Matching Technique for Urdu Text Recognition
	Ibrahim, Muhammad Haris*; Mohsin, Muhammad Abdullah; Hussain, Muhammad Ureed; Gilani, Syed Hamad Nazeer; Noman Naseer, Noman Naseer		Iftikhar, Nida*; Butt, Rahma; Ijaz, tahreem; Ashraf, Muhammad Usman; Altouri, Mohammed Nawaf; A, Sharahili, Fahad Mohammed		Tayyab, Moeen*; Hussain, Ayyaz
[10:34-10:46]	PaperID-243-Transformative Conversational AI: Sentiment Recognition in Chatbots via Transformers	[10:34-10:46]	PaperID-169-Multilevel Converter-based Dynamic Voltage Restorer for Mitigation of Voltage Disturbance in Distribution Network	[10:34-10:46]	PaperID-128-AI's Challenge to Ethics and Law: Privacy, Bias, and Beyond
	Noorani, Sadam Hussain*; KHAN, SHEHARYAR; Mahmood, Awais; Ishtiaq, Muhammad; Rauf, Usman; Ali, Zohaib		Khawaja, Saad Ahmad*; Mahmood, Dr.Tahir		Bhatti, David Samuel*; Tariq, Nadeem; Ali, Zulfiqar; Raza, Usman Ahmed
[10:46-10:58]	PaperID-90-3D Twist and Tilt Bipedal Model and Control Realization for Human Voluntary Motion	[10:46-10:58]	PaperID-193-Security Challenges faced by RISC-V open-source Processors and its Security Features: A survey	[10:46-10:58]	PaperID-88-Advancing Dermoscopic Diagnosis: U-Net-Based Melanoma Cell Carcinoma (MCC) Detection with Embedded High-Quality Feature Selection Using Feature Visualisation Bag (FVB)
	Ali, Badar*; Mughal, Asif M		Masood, Mariam*; Masood, Mariam; Khawaja, Sajid Gul		Asghar, Adeel*; Shafiq, Sobia; Ibrahim, Jawwad; Safdar, Faizan
[10:58-11:10]		[10:58-11:10]	PaperID-246-Tone Reservation Based PAPR Reduction in OFDM Signal Using Machine Learning Techniques	[10:58-11:10]	PaperID-241-A Neurocognitive Approach to Evaluate Mobile Game Player's Experience Using EEG
			Mahakornpetch, tayakorn*; Sasithong, Pruk		Arsalan, Aamir*; Raheel, Aasim; Liaqat, Noshaba; Dua, Mehr; Zaidi, Aun; Noorani, Sadam Hussain

Tea Break (30 Minutes)

Track Title: Data Science, Analysis, and Big Data Track 02		Online Session (Overseas Participants)		Track Title: Artificial Intelligence -004-Track	
Session-10	Venue: UCP - Conference Room - 1st Floor A-Building	Session-11	Venue for Audience: UCP - EE-L101 (CISCO Lab)	Session-12	Venue: UCP - Lecture Room - 403 4th Floor A-Building
Session Chair: Dr Muhammad Asif (LGU), Session Co-Chair: Dr. Rabia Tehseen (UCP)		Session Chair: Dr. Abbas Khalid, Co-Chair: Dr. Mahfooz ul Haque (UCP) Session Moderator: Mr. Zain Asghar (UCP)		Session Chair: Dr. Farhan Dawood (UCP), Session Co-Chair: Dr. Saeed Iqbal Khattak (UCP)	
	Talk 15-16				Talk-17
[11:50-12:20]	Underwater Fish Detection and Visual Analysis using Deep Learning	[11:50-12:05]	PaperID-98-Streamlining Software Release Process and Resource Management for Microservice-based Architecture on the multi-cloud	[11:50-12:35]	An Intelligent Dual Contrastive Learning and Transformers based Framework for Analysis of Unstained Skin Tissue Samples
	Dr Muhammad Asif (Lahore Garrison University)		Herath, Isuru P*; Jayawardena, Samuditha H; Ahamed, Fadhil M.R.A; Kodagoda, Nuwan; Samarathunge, Udara		Dr Muhammad Usman Akram (National University of Sciences and Technology)
[12:20-12:47]	Artificial Intelligence for Healthcare	[12:05-12:20]	PaperID-120-Intelligent Agriculture Robot for Tea Plantation Preservation - TeaBot	[12:35-12:47]	PaperID-132-Ideal Answer Generation for Biomedical Questions using Abstractive Summarization
	Dr Waqas Haider Khan Bangyal (Kohsar University Murree, Punjab, Pakistan)		Gunawardana, Imalka; Perera, Varnavi; Premathilake, Thulya M*; Bamunusinghe, Gayan; Lokuliyana, Shashika L; Gamage, Narmada; de Silva, Rajitha M		Naveed, Iqra*; Wasim, Muhammad
[12:47-12:59]	PaperID-242-Motorbike Driving Activity Recognition Using Smartphone Motion Sensors	[12:20-12:35]	PaperID-233-Sustainable Synergy: The Power of Collaboration in Solar and Renewable Energy Supply Chains	[12:47-12:59]	PaperID-174-Facial Emotion Recognition using Deep Learning (FERDL)
	Arsalan, Aamir*; Raheel, Aasim; Noorani, Sadam Hussain; KHAN, SHEHARYAR; Ehatisham-Ul-Haq, Muhammad; Ali, Zohaib		Taseen, Muhammad*; Yongli, Wang; ALI, EHSAN		Ramzan, Hafiz Arslan*; Sohaib, Ahmed; Ramzan, Sadia; Kalsum, Tehmina; Aqeel, Engr Muhammad; Majeed, Mohsin
[12:59-13:11]	PaperID-227-Crowd Scene Analysis: Crowd Counting using MCNN based on Self-Supervised training with Attention Mechanism	[12:35-12:50]	PaperID-235-Integration of Artificial Intelligence for Demand Forecasting and Resource Allocation in Renewable Energy Supply Chains	[12:59-13:11]	PaperID-160-Humor Detection using Deep Learning
	Asif, Muhammad Junaid*; Asad, Mujtaba; Imran, Shaheer		Taseen, Muhammad*; Yongli, Wang; ALI, EHSAN		Mushtaq, Lyba*; Ashraf, Mohsin; Rauf, Farah; Rai, Roha
[13:11-13:23]	PaperID-231-Leukemia Cell Classification Using Deep Learning Approaches	[12:50-13:05]	PaperID-237-Perception of Managers Regarding Implementation of Energy Management Practices: Barriers and Challenges - A Focus Group Discussion in Pakistan's Manufacturing sector	[13:11-13:23]	PaperID-86-Adaptive Learning for Standardised Test Preparation
	Hassan, Arfa*; Asif, Muhammad		Baig, Zaid Bin Tariq; ALI, EHSAN*; Batool,Laeqa		Shafique, Muneeb*; Qureshi, Laiba; Fazli, Anosha F; Saleem, Waqar
[13:23-13:35]	PaperID-93-MobileNet-based Prediction of Preterm Births	[13:05-13:20]	PaperID-238-Quantifying the Benefits of Implementing Energy Management Systems on Energy Performance and Organizational Competitiveness: A focus group discussion	[13:23-13:35]	PaperID-130-Modeling and Analysis of Design Parameters Selection for Biomechanical Movement of Prosthetic Finger
	Noor-UL-Ain, Tooba; Abbas, Ammara; Khan, Muhammad Umar*; Faraz, Muhammad; Naqvi, zohaib Hassan; Aziz, Sumair		ALI, EHSAN*; Batool, Laeqa; Taseen, Muhammad		Mughal, Fawaz M*; Mughal, Asif M
[13:35-14:30]		[13:20-13:35]	PaperID-162-Comparing Interconnected Dynamics: An Edge-based Analysis of Sector ETFs via Non-directional Dependencies		
			Choi, Insu; Kim, Woo Chang*		

Namaz Break

Electronic Devices, Circuits, and Communication Systems Track-03		Track Title: Artificial Intelligence -05-Track		Track Title: Software Engineering	
Session-13	Venue: UCP - Conference Room - 1st Floor A-Building	Session-14	Venue: UCP - Lecture Room - 402 4th Floor A-Building	Session-15	Venue: UCP - Lecture Room - 403 4th Floor A-Building
Session Chair: Dr. Kamran Saleem, Session Co-Chair: Dr. Riaz Ahmad Rana		Session Chair: Dr. Muzammil Hussain (UCP), Session Co-Chair: Dr. Samuel Bhatti(UCP)		Session Chair: Dr. Sajid Anwar (IMS), Session Co-Chair: Dr. Naveed Hussain	
	Talk-18		Talk-19		Talk -20-21
[14:35-15:15]	Evolution of Signal Detection and Decoding for Future Magnetic Recording Systems.	[14:35-15:15]	Software Reliability and Healthcare	[14:35-15:15]	Security Enhancement Using S-Box Based Data Encryption and Lsb Image Steganography
	Prof Piya Kovintavewat		Dr Noha Hazzazi		Dr Allah Ditta
	Nakhon Pathom Rajabhat University, Thailand		Howard University		University of Education, Lahore
[15:15-15:27]	PaperID-224-Comparison of Genetic Algorithm and Particle Swarm Optimization for DC Optimal Power Flow	[15:15-15:27]	PaperID-208-Multi-channel Episodic Memory Building using Recurrent Kernel Machine	[15:15-15:27]	AI Virtual Humans: Bridging the Gap Between Science Fiction and Reality.
	Azam, Muhammad Hanan*; Ahmad, Ali; Altaf, Umair; Sarwar, Sohail		Naseer, Sana Akhtar*		Dr Sam Khoze (aiLIFE.ai)
[15:27-15:39]	PaperID-215-Cardboard-Based Facile Triboelectric Sensor for Footstep Monitoring and Illuminating Shoes	[15:27-15:39]	PaperID-183-Advancing Urdu Character Recognition Through Neural Network-Based Segmentation and Classification	[15:27-15:39]	PaperID-87-An Architecture to Research Aggregated Vertical Web Search Results
	Ahsan, Muhammad Haris; Ali, Muhammad; Zulfiqar, Muhammad Hamza*; Mehmood, Muhammad Qasim		Khalid, Ramsha*; Masood, Arsalan; Naz, Sarah; Naseer, Naila		Rashid, Umer*
[15:39-15:51]	PaperID-218-Effects of Parasitic Elements in High Frequency GaN-based DC-DC Converters for Electric Vehicle Applications	[15:39-15:51]	PaperID-210-Enhancing Public Safety: Detection of Weapons and Violence in CCTV Videos with Deep Learning	[15:39-15:51]	PaperID-118-An Empirical Study of the Impact of Software Process Patterns on Software Quality and Team Productivity
	Qureshi, Muhammad Suleiman; Kerai, Ali Asghar; Fatima Rizvi, Syeda Ailiya; Shah, Syed Jahania; Ali Khan, Khuzaima; Ali, Ahsan; Maheshwari, Lakshaman; Makda, Ishtiaq; Usman, Ahmad*		Abdul Razzaq, Fiza Miss*; Chaudhary, Muhammad Abbas; Fareed, Sumaria; Tariq, Warda; Waqas, Muhammad; Javaid, Shoaib		Azhar, Rafia*; Afzal Malik, Ali
[15:51-16:03]	PaperID-219-MIMO-NOMA in Heterogeneous Network for 5G System	[15:51-16:03]	PaperID-217-Customer Segmentation for Targeted Marketing: A Comparative Analysis of Clustering Techniques	[15:51-16:03]	PaperID-123-Quality Requirements Elicitation in Agile
	Rehman, Sadiq Ur*; Ahmad, Jawwad; Manzar, Anwaar		Farhat, Tayyaba*; Ali, Rasikh; Abdullah, Sanya; Akram, Sheeraz		Khan, Arbab Ashfaq*; Ahmed, Farooq
[16:03-16:15]	PaperID-240-FPGA Design of a Reconfigurable UART IP Core and its SoC Implementation for IoT Applications	[16:03-16:15]	PaperID-220-Automatic Detection of Diabetic Retinopathy from Fundus Images using Machine Learning Based Approaches	[16:03-16:15]	PaperID-131-Analyzing Tools and Techniques for Evaluating Requirements Traceability
	Ali, Muhammad Asad; Pasha, Muhammad Adeel A*; Masud, Shahid; Al Ghazali, Fahad		Bangyal, Dr. Waqas Haider; Shakir, Rabia; Ashraf, Adnan*; ul Qayyum, Zia; Rehman, Najeeb Ur		Hassan, Shoaib; Li, Qianmu; Yasin, Affan Dr; Zubair, Muhammad*
[16:15-16:27]		[16:15-16:27]	PaperID-226-A Framework for Multi-Grade Classification of Ulcerative-Colitis Using Deep Neural Networks	[16:15-16:27]	PaperID-212-matic Review on Pattern-based GUI Testing of Android and Web Apps: State-of-the-art, Taxonomy, Challenges and Future Directions
			Nazir, Muhammad *		Kousar, Ambreen*; khan, Saif Ur Rehman

Venue: UCP Auditorium

[16:30-17:15]	Talk-22-Keynote-III - Developing an Immersive Virtual University Campus: A Practical Case Study of UCPverse & Intaniaverse				
	Dr. Luchakorn Wuttisittikulkiy				
	Chulalongkorn University, Thailand				
	Conference Closing Ceremony				

Hands-on Practice in Data Science by Dr Ali Haider Khan(Lahore Garrison University), Dr Khalid Masood (Lahore Garrison University) - Venue 301 Lab A Building

Hands-on Practice in Data Science by Dr Ali Haider Khan(Lahore Garrison University), Dr Khalid Masood (Lahore Garrison University) - Venue 301 Lab A Building