

Program Schedule								
International Conference on Computational Intelligent Systems 2024 (ICCIS2024)								
2-3 December 2024								
Day 1: December 2, 2024								
Zoom Meeting Details (Starting from 9:00 to 16:00 PST): Session 1 •Meeting ID: 922 807 2598 •Passcode: kust.kohat (If Need) •Zoom Link: https://us06web.zoom.us/j/9228072598?omn=88927941998			Zoom Meeting Details (Starting from 9:00 to 16:00 PST): Session 2 •Meeting ID: To be Provided •Passcode: kust.kohat (If Need) •Zoom Link: To be Provided					
Morning Parallel Sessions								
Session # 1: Keynote Speakers			Session # 2: Papers Presentations - Physical Presentation					
Venue	Conference Hall - Institute of Computing, KUST		Venue	Smart Classroom- Institute of Numerical Sciences, KUST				
Session Chair	Dr. Muhammad Adnan		Session Chair	Dr. Emel Khan				
Time	Presenters	Title	Time	Presenters	Title			
09:00:00 (USA 22:00 Sunday)	Dr. Di Wang, University of Illinois, Chicago, USA [Hon Hai (Foxconn) Technology Group]	Applications of Large Language Models in Manufacturing	09:00					
09:15			09:15	Muhammad Nauman Hameed, M. Muneer Umar, M. Irfan Uddin	A Real-Time Large-Scale IoT Traffic Anomalies Detection System Using Auxiliary Classifier Generative Adversarial Network			
09:30	Dr. Atif Khan, Islamia College Peshawar, Pakistan	You need attention in deep learning models	09:30	Saood Iqbal, Shafiullah Khan, Muhammad Muneer Umar	Incentivizing Cooperation and Community Formation in Social Internet of IoT Networks: A study on Virtual Currencies and Social Behaviors			
09:45			09:45	Zaheen Fatima, Dr.Rashid Hussain, Muhammad Shakir	Collaborative IT security service in Generative Adversarial Network			
10:00	Prof. Dr. Sajid Anwar, Imsciences, Peshawar, Pakistan	Navigating the Frontiers of Intelligent Systems	10:00	Jamal Shah, Mian Muhammad Danyal, Sarwar Shah Khan,, Abuzar Khan	Enhancing News Summarization based on Advanced Deep Learning Models using the BBC News Dataset			
10:15			10:15	Afra Siab	Some innovative type linguistic linguistic interval-valued intuitionistic fuzzy Choquet integral operators based on Aczel-Alsina t-norm and t-conorm with application to decision making			
10:30	Dr. Samina Amin, KUST, Kohat, Pakistan	Personalized Recommendation Systems using Reinforcement Learning	10:30					
10:45			10:45	Minahil Kamal, Aleena Kamal, Faisal Amin, Azka Abid, Ayesha Imtiaz, Shoaib Zafar, Hamza Ghazanfar Toor	Enhancing Maternal Balance: Comparative Analysis of Plantar Pressure Distribution Across and Visual Feedback Within Pregnancy Trimesters			
Tea/Coffee Break								
Session # 1: Inauguration								
Venue	Conference Hall - Institute of Computing, KUST							
Time	Event/Activity							
11:30	Recitation of the Holy Quran							
11:35	Naat-e-Rasool-e-Maqbool							
11:40	National Anthem							
11:45	Welcome address by Chief Organizer Dr. M. Irfan Uddin							
11:50	Remarks from Director Institute of Computing, Dr. Amjad Mehmood							
11:55	Remarks from Dean Physical and Numerical Sciences, Prof. Dr. Wali Khan Mashwani							
12:00	Inaugural address by Chief Guest, Vice Chancellor, KUST, Kohat.							
12:05	Shields distribution for guests, participants							
Lunch/Prayer Break								
Afternoon Parallel Sessions								
Session # 1: Keynote Speakers			Session # 2: Papers Presentations					
Venue	Conference Hall - Institute of Computing, KUST		Venue	Smart Classroom- Institute of Numerical Sciences, KUST				
Session Chair	Dr. Sanaullah Khan		Session Chair	Dr. Israr Ali Khan				
Time	Presenters	Title	Time	Presenters	Title			
14:00	Prof. Dr. Gul Zaman, [Ex. VC] University of Malakand, Pakistan	Mathematical Modeling and Control Strategies for Multiple Infectious Diseases in Biological Systems		Jahanzeb Naeem, Zain Ul Abedien Asif, Arif Ur Rahman	Word-level Pakistani Sign Language Recognition			
14:30	Prof. Dr. Saif Ullah, Govt. College University Lahore, Pakistan	Effects of Thermo-Physical Parameters on the Unsteady Flow of Non-Newtonian Fluids.	14:00					
15:00:00 (FIN 12:00)	Dr. Deepika Koundal, University of Eastern Finland, Finland	Deep learning in image processing	14:15					
15:30:00 (SA 12:30)	Dr. H Jafari, University of South Africa, South Africa	Operational Matrices for a class of distributed-order fractional integro-differential equations	14:30					
			14:45					
			15:00					
			15:15					
			15:30					
			15:45					
Day 1 Closed								

Program Schedule

International Conference on Computational Intelligent Systems 2024 (ICCIS2024)

2-3 December 2024

Day 2: December 3, 2024

Zoom Meeting Details (Starting from 9:00 to 16:00 PST): Session 1

•Meeting ID: 922 807 2598
•Passcode: kust.kohat (If Need)
•Zoom Link: <https://us06web.zoom.us/j/9228072598?omn=84188917836>

Zoom Meeting Details (Starting from 9:00 to 16:00 PST): Session 2

•Meeting ID: 373 696 3168
•Passcode: kust.kohat (If Need)
•Zoom Link: <https://us06web.zoom.us/j/3736963168?omn=82627701680>

Zoom Meeting Details (Starting from 9:00 to 16:00 PST): Session 3

•Meeting ID: To be provided
•Passcode: kust.kohat (If Need)
•Zoom Link:to be provided

Morning Parallel Sessions

Session # 1: Keynote Speakers			Session # 2: Papers Presentations			Session # 3: Papers Presentations		
Venue	Conference Hall - Institute of Computing, KUST		Venue	Smart Classroom- Institute of Numerical Sciences, KUST		Venue	Conference Hall - Institute of Numerical Sciences, KUST	
Session Chair	Dr. Israr Ali Khan		Session Chair	Dr. Muhammad Altaf		Session Chair	Dr. Muhammad Muneer Umar	
Time	Presenters	Title	Time	Presenters	Title	Time	Presenters	Title
09:00:00 (JP 13:00)	Dr. Keping YU, Hosei University, Japan	Standardization Activities and Development of Information-Centric Networking (13:00 Tokyo Time)	09:00	Hamna Mughal, Muhammad Zain, Najaf Abbas, Mubashir Rehman, Faiza Nawaz, Farah Naeem Malik	Optimizing Data Transfer in Hospitals using Li-Fi Technology	09:00		
			09:15	Syeda Um e Farwa, Minahil Azaz	Enhancing Information Security: Proactive Detection, Vulnerability Remediation, and Systematic Risk Management	09:15		
09:30	Prof. Dr. Jamil Ahmad, HEC, Islamabad, Pakistan	Unleashing the Potential of Computational Intelligence in a Hyperconnected World	09:30	Haris Raees Qurashi, Fazeel Abid, Ahmed Mehmood, Muhammad Talha, Jawad Rasheed, and Tunc Asuroglu	Advancements in Parkinson's Disease Diagnosis: Leveraging Technology from Biomarkers to Wearable Devices and Machine Learning	09:30	Irfan Ahmed, Naveed Ahmed Jhamat, Khadija Batool, Jabar Mahmood, Eman Fatima, Pakiza Arshad	Performance Comparison of C++, Java and Python: A Comprehensive Analysis of Programming Languages
			09:45	Somaila Saleem, Sannaullah, Khawaja Muhammad Saqib	Banknote Originality Verification using Deep Neural Network Classifier vs. Random forest	09:45	Irfan Ahmed, Umm-E-Habiba, Khadija Batool, Jabar Mahmood, Sadia Naseer , Muqadas Fatima	A Formal Approach for Developing Commercial E-Agriculture Application: An OCL Modelling Perspective
10:00	Dr. Suleiman, Abdul Wali Khan University, Mardan, Pakistan	Machine Learning Algorithms for Predictive Analysis	10:00	Zahoor Ahmed, Saima Gul	Crime Association Analysis in KPK, Pakistan: A Comprehensive Exploration	10:00		
			10:15	Ateeq Ur Rehman Butt, Sajida Perveen, Muhammad Asif, Ragad M Tawafak, Sumaira Shafiq, Inayat Khan	Optimizing Intelligent Traffic Management for Smart Cities Using Ensemble Learning Algorithms	10:15		
10:30	Prof. Dr. Asifullah Khan, PIEAS, Islamabad, Pakistan	One-Shot Learning and Vision-Based Transformers	10:30	Zohaib Ali Shah, Ibrar Ali Shah, Muhammad Usman, Bilal Khan	Automatic Text Summarization by Using Deep Learning Models	10:30		
			10:45	Zain UL Abedeen, Khizar Abbas, Ruba Shabbir, Arshia Butt	AI Based Learning System for Deaf Community Using machine learning techniques	10:45		

Tea/Coffee Break

Midday Parallel Sessions

Session # 1: Keynote Speakers			Session # 2: Papers Presentations			Session # 3: Papers Presentations		
Venue	Conference Hall - Institute of Computing, KUST		Venue	Smart Classroom- Institute of Numerical Sciences, KUST		Venue	Conference Hall - Institute of Numerical Sciences, KUST	
Session Chair	Dr. Muhammad Adnan		Session Chair	Dr. Samina Amin		Session Chair	Dr. Zeeshan Iqbal	
Time	Presenters	Title	Time	Presenters	Title	Time	Presenters	Title
11:00	Prof. Dr. Mukhtaj Khan, University of Haripur, Pakistan	Big Data Analytic Platform for Classification of Large Scale RNAs Sequence using Deep Neural Network Model	11:30	Syed M. Kazam Abbas Kazmi, Nayyer Aafaq, Muhammad Saad Umer, Mujahid Mohsin, Mansoor Ahmed Khan	The Art of Deception: Adversarial Network Strategies in Thwarting Airborne Object Detection	11:30	Aiman Naeem, Muhammad Farhan Khan, Saeid Rezaei, Adeel Iqbal, Muhammad Sohail, Atif	Towards Better AI: An Analysis of Clustering Algorithms in Machine Learning
11:30	Dr. Rehman Ali, University of Peshawar, Pakistan	Automatic Machine Learning Algorithm Selection and Congratulations	11:45	Mujeeb Ur Rahman, Mohammad kaleem, Sajid Nazir	Thermoelectric Energy Harvesting System for Wearable Electronics	11:45	Hamna Baig, Dr. Ihtesham Jadoon, Engr. Ejaz Ahmed, Abdul Ahad Baig, Hamna Mughal, Syed Kamran	Artificial Intelligence based Adaptive Fan Speed Control for Residential Energy Efficiency and Optimal Comfort
12:00	Dr. Tariq Zaman, University of Technology Sarawak, Sib, Malaysia	More Than Intelligence: Positionality and Situatedness in Computing Research	12:00	Hashim Sajid Khan, Syed Atif Ali Shah , Javeria Ahmed , Syed Asif Ali Shah , Usama Siddiqui	Intelligent Sensors for the Detection of Outlawed Vehicles on Highways	12:00	Zain UL Abedeen, Muhammad Adil, Usama Azam, Muhammad Huzailfa	Real-time communication between normal and deaf people using machine learning and 3D animation
			12:15	Syed Atif Ali Shah, Syed Asif Ali Shah , Usama Siddiqui	Devising Muslim Name using Quantum Deep Learning	12:15	Shumaila Majeed , Dr.Nargis Bibi	AI-Driven Novel TL Approach for Efficient Classification of Brain Tumors using Deep CNNs
12:30	Dr. Arshad Iqbal, KKKU Karak, Pakistan	EXPLOITING CONTEXTUAL WORD EMBEDDING FOR Identification of important Citations	12:30	Qazi Zia Ullah, Muhammad Hassaan Bin Shoukat, Hamna Baig, Hamna Mughal, Ali Hassan	A Robotic Arm Based Intelligent Biopsy System	12:30	Sumaira Tabassum,M. Jawad Khan,Javaid Iqbal,Asim Waris,M. Adeel Ijaz	An Explainable AI Framework for Chromosomal Anomaly Detection in Karyograms Using Grad-CAM and Advanced Neural Networks
			12:45	Ateeq Ur Rehman Butt, Abdulkareem Alzahrani, Inayat Khan, Muhammad Tahseen Qureshi, Kanwal Khurshid, Bushra Hameed	Uncovering Temporal Trends of Desolation Among Social Media Users: A Data-Driven Analysis	12:45	Rizwan Ullah, Tariq Zaman	Contextualizing Space Transition Theory: A Socio-Technical Exploratory Study of Cybercrimes in Khyber Pakhtunkhwa

Lunch/Prayer Break

Afternoon Parallel Sessions

Session # 1: Keynote Speakers			Session # 2: Workshop - Measuring Internet Quality and User Experience: Tools and Approaches		
Venue	Conference Hall - Institute of Computing, KUST		Venue	Smart Classroom- Institute of Numerical Sciences, KUST	
Session Chair	Ali Zeb		Session Chair	Dr. Tariq Zaman	
Time	Presenters	Title	Time	Presenters	Title
14:00:00 (UK 9:00)	Dr. Furqan Aziz, University of Leicester, United Kingdom	Graph representation learning in biomedical science and healthcare	13:15		Welcome and Introductions
14:30:00 (UK 9:30)	Prof. Dr. Amir HUSSAIN, Edinburgh Napier University, United Kingdom	Evaluation of Federated Machine Unlearning using Membership Inference Attacks	13:30		Session 1: Internet Quality and User Experience
15:00:00 (KSA 13:00)	Dr. Theyazn Hassan Hadi Aldhyani, King Faisal University, Saudi Arabia	Modeling and diagnosis Parkinson disease by using hand drawing: deep learning model	14:00		Session 2: Tools for Measuring Internet Quality
15:30	Muhammad Waqar CEO Uzair Technology, Pakistan & Fakhar Javed CEO	Academia and Industrial linkages	14:30		Tea/Coffee Break
			14:45		Session 3: Co-Design methods and tools
			15:45		Discussion and Q&A

Day 2 Closed