

2024 Aug 16, Friday – Doctoral Colloquium, BCU, Curzon building (C484)

Time	Activity
9:00-9:30	Opening ceremony(Conference Main room):
9:30-10:30	Keynote 1 (Conference Main room): Prof. Mykola Pechenizkiy @ Eindhoven University of Technology
10:30-10:45	Coffee Break
10:45-11:45	Keynote 2 (Conference Main room): Andrew Boxall @ Microsoft
11:45-13:00	Lunch Break
13:00-14:00 (AI and GenAI) Chair: Dr. Martin Esugo In Curzon (c484)	TBC “Tuning LLMs for enhanced Chronic Disease Information Retrieval” by Serugunda Mukalazi , Xiangtan University “O-RAN Assistant: Leveraging RAG for Efficient O-RAN Installation and Configuration” By Vishalji Odedra , BCU “Adoption of Large Language Models in Implementation of Hiring Decision Support Systems by Oluwatobi Oluwadamilola , BCU
14:00-15:00 (Security) Chair: Dr. Haitham Mahmoud In Curzon (c484)	“Knowledge Management Strategy: A case study from the property insurance sector” By Qirui Zhang , Loughborough Business School “A systematic review of security operations centre: current strategies and way forward” by Kamran Ashtari , BCU “TreeBagger IDS Approach for Enhanced 5GC PFCP Dataset Classification” By Oluwadara Osideinde , BCU “Enhanced IDS Performance with UNSW-NB15 Data Analysis” by Shinje Zacharia , BCU
15:00-15:30	Round Discussion on the future of AI and Security (Speakers: TBC , Ron Austin , Abdulrahman A. Alsewari Chairs: Martin and Haitham)
15:30-16:00	Coffee Break
16:00-17:00 (Engineering and Environmental) Chair: TBC In Curzon (c484)	“Advancing Leak Detection in Water Distribution Networks Through Adaptive Deep Reinforcement Learning” by Awais Javed , BCU “Effects of Various Nanofluids on the Performance of a Double Tube Heat Exchanger” by Ebrahim Tavousi , BCU The influence of performing Non-Driving Related Tasks (NDRTs) on the drivers of conditionally automated vehicles in different road traffic conditions by Ali Mostafavi , BCU “ASSIST: Automated Sustainable Investing Decision Making Using Data Science Techniques for Enhanced Financial Sustainability” by Buket Fildisi , BCU
17:00-18:00 (Computer Science & Emerging Technologies) Chair: TBC In Curzon (c484)	“Liquid Spiking Neural Networks for Smart City Heterogeneous and Ubiquitous Sensors” Ahmad Wahab , BCU “Enhancing Multilingual Education: A Mobile Application for Real-time Lecture Translation using Advance NMT” by Shekhar Joshi , BCU TBC TBC
18:00-18:30	Round Discussion on the Future of Computer Science and emerging technologies within the environment and engineering applications (Speakers: TBC , Chairs: TBC)
18:30-20:00	Banquet (STEAMHouse ground floor)