

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) | <p>“Enhancement of LLMs-based Translation by Agentic Machine Translation in Thai Language ” by Artid Boonrerng, BCU</p> <p>“Tuning LLMs for enhanced Chronic Disease Information Retrieval” by Serugunda Mukalazi, Xiangtan University</p> <p>“O-RAN Assistant: Leveraging RAG for Efficient O-RAN Installation and Configuration” By Vishalji Odedra, BCU</p> <p>“Adoption of Large Language Models in Implementation of Hiring Decision Support Systems by Oluwatobi Oluwadamilola, BCU</p> |
| 14:00-15:00 (Security) Chair: Dr. Haitham Mahmoud In Curzon (c484) | <p>“Knowledge Management Strategy: A case study from the property insurance sector” By Qirui Zhang, Loughborough Business School</p> <p>“A systematic review of security operations centre: current strategies and way forward” by Kamran Ashtari, BCU</p> <p>“TreeBagger IDS Approach for Enhanced 5GC PFCP Dataset Classification” By Oluwadara Osideinde, BCU</p> <p>“ENHANCING NETWORK ANOMALY DETECTION with UNSW-NB15 Data Analysis” by Shinje Zacharia, BCU</p> |
| 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) | <p>“Advancing Leak Detection in Water Distribution Networks Through Adaptive Deep Reinforcement Learning” by Awais Javed, BCU</p> <p>“Effects of Various Nanofluids on the Performance of a Double Tube Heat Exchanger” by Ebrahim Tavousi, BCU</p> <p>“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</p> <p>“ASSIST: Automated Sustainable Investing Decision Making Using Data Science Techniques for Enhanced Financial Sustainability” by Buket Fildisi, BCU</p> |
| 17:00-18:00 (Computer Science & Emerging Technologies) Chair: Dr.Sima Iranmanesh In Curzon (c484) | <p>“Liquid Spiking Neural Networks for Smart City Heterogeneous and Ubiquitous Sensors” Ahmad Wahab, BCU</p> <p>“Enhancing Multilingual Education: A Mobile Application for Real-time Lecture Translation using Advance NMT” by Shekhar Joshi, BCU</p> <p>“Accessibility in the Unreal Engine Editor: Exploring Alternative Input Methods“ by Finn Dudley, BCU</p> <p>“Digital transformation for smart net zero cities based on systems thinking” By Farzaneh Mohammadi, BCU</p> |
| 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) |