

PhD Symposium – Saturday 21st October

Lecture Theatre 2 – Teaching and Learning Building

Arrival Refreshments - 9:00am - 9:30am	
Welcome and Introductions - 9:30am - 9:50am	
Session 1 - 9:50am - 10:30am	
Mingkun Xu	Exploiting Homeostatic Synaptic Modulation in Spiking Neural Networks for Semi-Supervised Graph Learning
Alberto Veneri	Explaining Learning to Rank Methods to Improve Them
Refreshment Break - 10:30am - 11:00am	
Session 2 - 11:00am - 12:20pm	
Omid Shokrollahi	Employing Quantum Entanglement for Effective Intersectional Bias Mitigation in Pre-trained Language Models

Grigor Bezirganyan	Data And Decision Fusion With Uncertainty Quantification For ML-based Healthcare Decision Systems
Praveen Acharya	Towards Effective Modeling and Exploitation of Search and User Context in Conversational Information Retrieval
Abdelghani Azri	Improve the accuracy of the recommendation systems and optimize them to reduce the cost of computation
Instructions concerning one-on-one mentoring sessions - 12:20pm - 12:30pm	
Lunch - 12:30pm - 2:00pm	
Session 3 - 2:00pm - 3:00pm	
Dongqi Fu	Investigating Natural and Artificial Dynamics in Graph Data Mining and Machine Learning
Kislay Raj	A neuro-symbolic approach to enhance Interpretability of Graph neural network through the integration of external knowledge

Kuang-Da Wang	Enhancing Badminton Player Performance via a Closed-Loop AI Approach: Imitation, Simulation, Optimization, and Execution
One-on-one mentoring session 1 - 3:00pm - 3:30pm	
Refreshment Break - 3:30pm - 4:00pm	
One-on-one mentoring session 2 - 4:00pm - 4:30pm	
General feedback/advice from mentors - 4:30pm - 5:15pm	
Wrap-up - 5:15pm - 5:30pm	