

New Faculty Highlights Schedule

Thursday, February 22	Author	Title
9:30-10:45am Room 109	Huaxiu Yao Han Zhao	Towards Reliable Learning in the Wild: Generalization and Adaptation Fair and Optimal Prediction via Post-Processing
9:30-10:45am Room 111	Hongyang Zhang Lu Cheng	New Advances in Safe and Efficient Large Language Models Demystifying Algorithmic Fairness in an Uncertain World
11:15- 12:30pm Room 109	Yue Zhao Pan Xu	Towards Reproducible, Automated, and Scalable Anomaly Detection Provable and Efficient Machine Learning Algorithms for Optimization, Sampling, and Decision Making
2:00-3:15pm Room 109	Quanming Yao	Towards human-like learning from relational structured-data
3:45-5:00pm Room 109	Josiah Hanna Lily Weng	Scaling Offline Evaluation of Reinforcement Learning Agents through Abstraction Towards Trustworthy Deep Learning
Friday, February 23		
11:15- 12:30pm Room 109	Yen-Ling Kuo	Learning Representations for Robust Human-Robot Interaction
11:15- 12:30pm Room 111	Christoforos Mavrogiannis Mengdi Huai	Harmonious Mobility for Robots That Work with and around People Fostering Trustworthiness in Machine Learning Algorithms
2:00-3:15pm Room 109	Melanie Weber Gregor Behnke	Exploiting Data Geometry in Machine Learning Symbolic Reasoning Methods for AI Planning
2:00-3:15pm Room 111	Trong Nghia Hoang Giuseppe Marra	Collaborative Learning across Heterogeneous Systems with Pre-Trained Models From Statistical Relational to Neuro-Symbolic AI
Saturday, February 24		
9:30-10:45am Room 109	Ashiqur Khudabukhsh Jing Ma	Quantifying Political Polarization through the Lens of Machine Translation and Vicarious Offense When Causal Inference Meets Graph Machine Learning
9:30-10:45am Room 111	Pranava Madhyastha Xinya Du	Towards holistic, pragmatic and multimodal conversational systems Making Natural Language Reasoning Explainable and Faithful
11:15- 12:30pm Room 109	Wei Jin Yu Wu	Deep Learning on Graphs: A Data-Centric Exploration Large Models, Limited Resources: Navigating Cross-Modality Research in the new Era
2:00-3:15pm Room 109	Mohammad Abdulaziz Tejas Gokhale	Interactive theorem provers: applications in AI, opportunities, and challenges Towards Robust Visual Understanding: from Recognition to Reasoning
2:00-3:15pm Room 111	Wenbin Zhang Fanghui Liu	Fairness with Censorship: Bridging the Gap between Fairness Research and Real-world Deployment The Role of Over-Parameterization in Machine Learning – The Good, the Bad, the Ugly