NJIT Data Science – Talks (Spring 2024)

Edited by Mengjia Xu (Contact: mx6@njit.edu)

Date	Invited Speaker	Institution	Talk title	Host
1/25	Galanti, Tomer	CSAIL, Massachusetts Institute of Technology	Fundamental Problems in AI: Transferability, Compressibility and Generalization	Hai, Reza
2/6	Zhang, Yu	Department of Computer Science University of Illinois at Urbana-Champaign	Structure-Enhanced Text Mining for Understanding and Augmenting Scientific Discovery	Shuai
2/8	Fu, Dongqi	Computer Science University of Illinois Urbana-Champaign	Empowering Graph Intelligence via Natural and Artificial Dynamics	Hai/Mengjia
2/14	Han, Xiaotian	Texas A&M University	Resource-Efficient Machine Learning	Hai
2/15	He, Huan	University of Pennsylvania	Efficient and Practical Deep Generative Models: from theory to application	Hai /Shuai
2/19	Chen, Chen	University of Virginia	Connectivity in Complex Networks: Measures, Optimization and Applications	Mengjia
2/21	Dong, Peiyan	Northeastern University	Towards Ultimate Efficiency in Ubiquitous ML Powered Intelligence and Green AI	Shuai

Date	Speaker	Affiliation	Title	Host
2/22	Ryan Tang	Rice University	Towards Safe and Reliable Large Language Models: Defending Against Threats From Intrinsic Defects to Advanced Attacks	Hai
2/26	Dong, Yushun	University of Virginia	Responsible Graph Machine Learning Under a Fairness Lens	Hai
2/27	Liu, Lihui	Department of Computer Science University of Illinois at Urbana-Champaign	Knowledge Graph Reasoning and Its Applications: A Pathway Towards Neural-Symbolic AI	Mengjia
2/29	Wang, Lingxiao	Toyota Technological Institute at Chicago (TTIC)	Towards Distributed and Overparameterized Privacy-Preserving Machine Learning	Hai/Mengjia
3/4	Zhang, Weitong	Department of Computer Science University of California, Los Angeles	Decision Making for Scientific Discovery: From Causal Inference to Reinforcement Learning	Hai/Mengjia
3/5	Chen, Xuhao	Massachusetts Institute of Technology	Performance Engineering for Scalable AI	Shuai
3/18	Tao, Guanhong	Purdue University	Towards Secure and Safe AI-enabled Systems Through Optimizations	Hai
3/25	Zhou, Yi	Assistant Professor Elect & Computer Engineering University of Utah	Resilient and (Near)-Optimal Algorithms for Reinforcement Learning and Nonconvex Optimization	mengjia
5/14	Zhihui Du	IDS, NJIT	Leveraging Data Science for Breakthrough Discoveries	Hai