Semester 1, 2025-26 (Sep - Dec)

Title	Speaker	Date and time	Venue
LLM based Zero Shot Speech Synthesis	Dr. Shujie Liu	December 19, 2025 2:00 pm - 3:00 pm	CB 308
Towards Scalable Serverless LLM Inference Systems	Prof. Minchen Yu	December 19, 2025 10:30 am - 11:30 am	CB 308
Towards Consistent and Physically Plausible Visual Generation	Prof. Jianfei Cai	December 18, 2025 11:00 am - 12:00 nn	CB 308
Genetics of Human Longevity: Regional Association Signals and Cross-cohort Replication	Prof. Heping Zhang	December 17, 2025 2:30 pm - 3:30 pm	Room 301, Run Run Shaw Building
AI-Assisted System Security: from Offense to Defense	Prof. Yan Chen	December 16, 2025 10:30 am - 11:30 am	CB 308
AI Planning for Data Exploration	Prof. Sihem Amer-Yahia	December 12, 2025 4:00 pm - 5:00 pm	HW312, Haking Wong Building
Updating Quantum Beliefs	Prof. Valerio Scarani	December 12, 2025 10:30 am - 11:30 am	CB 308
Data Science and AI for Remote Sensing	Prof. Peng Gong	December 11, 2025 3:00 pm - 4:00 pm	CB 308
Genetic and Epigenetic Landscape of Self-Identified Hispanics in All Of Us	Dr. Fritz Sedlazeck	December 9, 2025 11:30 am - 12:30 pm	CB 308
Fighting Noise with Noise: Causal Inference with Many Candidate Instruments	Prof. Linbo Wang	December 8, 2025 4:00 pm - 5:00 pm	Room 301, Run Run Shaw Building
Reinventing Operations Management's Research and Practice with Data Science	Prof. David Simchi-Levi	December 1, 2025 3:00 pm - 4:00 pm	HW312, Haking Wong Building
The Three Faces of Networking	Prof. Ang Chen	December 1, 2025 10:30 am - 11:30 am	CB 308
Mortality Surface Modeling With Gaussian Processes	Prof. Mike Ludkovski	November 28, 2025 11:00 am - 12:00 nn	Room 301, Run Run Shaw Building
Understanding LLM Behaviors via Compression: Data Generation, Knowledge Acquisition and Scaling Laws	Prof. Jian Li	November 28, 2025 10:30 am - 11:30 am	CB 308

Biomedicine in the Age of AI and Foundation Models	Prof. Lei Xing	November 27, 2025 2:00 pm - 3:00 pm	HW312, Haking Wong Building
Statistical Analysis of Large-Scare Item Response Data Under Measurement Noninvariance	Prof. Jing Ouyang	November 26, 2025 2:30 pm - 3:30 pm	Room 301, Run Run Shaw Building
The Implications of Side Bequest Motives on the Life Insurance Decisions of Retired Couples	Prof. Ki Wai Chau	November 24, 2025 2:30 pm - 3:30 pm	Room 301, Run Run Shaw Building
From Statistical Physics to Privacy: Phase Transitions, Sampling and Differential Privacy	Prof. Jingcheng Liu	November 21, 2025 10:30 am - 11:30 am	CB 308
Causal Representation Learning	Dr. Guangyi Chen	November 21, 2025 10:30 am - 11:30 am	Room 301, Run Run Shaw Building
The Wild Robot: A Journey Toward Long-Horizon Agentic Intelligence	Prof. Ivor W Tsang	November 20, 2025 11:00 am - 12:00 nn	HW312, Haking Wong Building
Recent Advances in Game-Theoretic Feature Attributions for Kernel Methods and Gaussian Processes	Prof. Siu Lun Chau	November 19, 2025 2:30 pm - 3:30 pm	Room 301, Run Run Shaw Building
Deep Model Fusion	Prof. Dacheng Tao	November 19, 2025 10:00 am - 11:00 am	HW312, Haking Wong Building
Statistics-Powered AI	Prof. Chengchun Shi	November 18, 2025 10:30 am - 11:30 am	Room 301, Run Run Shaw Building
Task-Driven Image Restoration: Why, How, and What?	Prof. Kyoung Mu Lee	November 14, 2025 3:00 pm - 4:00 pm	HW312, Haking Wong Building
Radio Sensing for Human Sensing	Prof. Stephan Sigg	November 14, 2025 10:30 am - 11:30 am	CB 308
Manifold Fitting	Prof. Zhigang Yao	November 11, 2025 10:30 am - 11:30 am	Room 301, 3/F, Run Run Shaw Building

Exploring Synergies in Wireless Systems and Soft Robots	Mr. Yiwen Song	November 10, 2025 11:30 am - 12:30 pm	CB 308
Measuring and Mitigating Adversarial Intermediaries on the Global Internet	Dr. Diwen Xue	November 7, 2025 10:30 am - 11:30 am	CB 308
Providing Factual Information with Dual Neural Knowledge	Dr. Xin Luna Dong	October 30, 2025 11:00 am - 12:00 nn	HW312, Haking Wong Building
Dynamic Spectral Clustering with Provable Approximation Guarantee	Prof. He Sun	October 24, 2025 10:30 am - 11:30 am	CB 308
GPU Trusted Execution Environment	Prof. Fengwei Zhang	October 17, 2025 10:30 am - 11:30 am	CB 308
Do Generalist Robots Need Specialist Models?	Prof. Chen Feng	October 14, 2025 4:00 pm - 5:00 pm	CB 308
From Digital Human to Humanoids	Prof. He Xiaodong	October 13, 2025 10:00 am - 11:00 am	Room 301, Run Run Shaw Building
Quantum satellites and tests of relativity	Prof. Daniel Terno	October 13, 2025 10:30 am - 11:30 am	CB 308
Towards Efficient and Adaptive RL Algorithms in Dynamic and Multi-Agent Environments	Prof. Shuai Li	October 10, 2025 1:30 pm - 2:30 pm	CB 328
Surgical Data Science for Women's Health	Prof. Pierre Jannin and Prof. Krystel Nyangoh Timoh	October 9, 2025 4:30 pm - 5:30 pm	CB 308
Markets as Approximation Algorithms: Their Design and Analysis	Dr. Yaonan Jin	October 3, 2025 10:00 am - 11:00 am	CB 308
Quantum Bayes' rule and Petz transpose map from the minimum change principle	Prof. Ge Bai	September 26, 2025 10:30 am - 11:30 am	CB 308
Sublinear Algorithms for Graph Optimization	Prof. Cliff Liu	September 19, 2025 10:30 am - 11:30 am	CB 308

| Algorithmic Optimization of Carbon Footprint in Long-Haul Heavy-Duty E-Truck Transportation | Prof. Minghua Chen | September 12, 2025 10:00 am - 11:00 am | CB 308 |