

Schedule

January 6, 2025, Monday

Time 日期	Name 报告人	Title 报告题目
7:30-8:30	Breakfast	
9:00-9:10	Opening	
Chair: Yuval Peres		
9:10-9:50	Bálint Virág	The directed landscape from Brownian motion
9:50-10:30	Lingfu Zhang	Airy beta line ensemble
10:30-11:00	Coffee Break	
11:00-11:40	Xuan Wu	Applications of optimal transport to non-intersecting paths
11:40-12:00	Group Photo	
12:00-13:30	Lunch	
Chair: Pengfei Tang		
14:00-14:40	Fengyu Wang	Functional Inequalities for Sticky-Reflecting Diffusions
14:40-15:20	Weijun Xu	On sharp interface limit problems of 1D stochastic Allen-Cahn equation
15:20-15:50	Coffee Break	
15:50-16:30	Tianyi Bai	On CLT for range of critical branching random walk in high dimensions
16:30-17:30	Poster Session	
17:30-19:00	Dinner	

January 7, 2025, Tuesday

Time 日期	Name 报告人	Title 报告题目
7:30-8:30	Breakfast	
Chair: Senya Shlosman		
9:10-9:50	Christian Maes	On the Poisson equation for irreversible jump processes
9:50-10:30	Peter Mörters	Inhomogeneous random graphs of preferential attachment type
10:30-11:00	Coffee Break	
11:00-11:40	Jianping Jiang	Random walk on dynamical percolation: separating critical and supercritical regimes
11:40-12:00		
12:00-13:30	Lunch	
Chair: Qiang Zeng		
14:00-14:40	Ryokichi Tanaka	Noise sensitivity problem on groups
14:40-15:20	Shuangping Li	Some easy optimization problems have the overlap-gap property
15:20-15:50	Coffee Break	
15:50-16:30	Hui Xiao	Conditioned random walks on the general linear group
16:30-17:30	Open Problem Session	
18:00-20:00	Banquet	

January 8, 2025, Wednesday

Time 日期	Name 报告人	Title 报告题目
7:30-8:30	Breakfast	
Chair: Hao Wu		
9:10-9:50	Ron Peretz	Authority Measure for Opinion Dynamics
9:50-10:30	Quan Shi	Time-changed Lévy processes at infinity
10:30-11:00	Coffee Break	
11:00-11:40	Lujing Huang	Polynomial lower bound on the effective resistance for the one-dimensional critical long-range percolation
11:40-12:00		
12:00-13:30	Lunch	
Free Discussion		
17:30-19:00	Dinner	

January 9, 2025, Thursday

Time 日期	Name 报告人	Title 报告题目
7:30-8:30	Breakfast	
Chair: Dang-Zheng Liu		
9:10-9:50	Dan Dai	On the eigenvalue rigidity of the Jacobi unitary ensemble
9:50-10:30	Guillaume Baverez	Random conformal weldings and the matter-Liouville-ghost factorisation
10:30-11:00	Coffee Break	
11:00-11:40	Zhenyao Sun	On the subcritical self-catalytic branching Brownian motions
11:40-12:00		
12:00-13:30	Lunch	
Chair: Fan Yang		
14:00-14:40	Hong Chang Ji	Spectral edge of non-Hermitian random matrices
14:40-15:20	Jaehun Lee	Phase transition for the bottom singular vector of rectangular random matrices
15:20-15:50	Coffee Break	
15:50-16:30	Xinxin Chen	BRW in IID environment: Yaglom theorem and Stein method
16:30-17:30		
18:00-20:00	Dinner	

January 10, 2025, Friday

Time 日期	Name 报告人	Title 报告题目
7:30-8:30	Breakfast	
9:00-9:10	Remark by S.-T. Yau	
Chair: Jianping Jiang		
9:10-9:50	Wei Wu	Two dimensional dimers beyond planarity
9:50-10:30	Hong-Bin Chen	On free energy in non-convex mean-field spin glass models
10:30-11:00	Coffee Break	
11:00-11:40	Jiaming Xia	Extract one-arm exponent in FK models from the convergence of height functions to GFF
11:40-12:00		
12:00-13:30	Lunch	
Chair: Chenlin Gu		
14:00-14:40	Zhenhao Cai	Incipient Infinite Clusters in Metric Graph Gaussian Free Fields
14:40-15:20	Linjie Zhao	Moderate deviation principles for a reaction diffusion model in non-equilibrium
15:20-15:50	Coffee Break	
15:50-16:30	Guangyi Zou	The Edge Statistics of Random Band Matrices
16:30-17:30		
18:00-20:00	Dinner	