

Schedule

Time&Date	Monday (December 15)	Tuesday (December 16)	Wednesday (December 17)	Thursday (December 18)	Friday (December 19)
7:30-8:30	Breakfast(60 minutes)				
Chair	Jiayi Kang	Jiayi Kang	Songlin Zhou		
9:00-10:00	Xiaoxu Lyu	Min Dai	Zhongjian Wang		
10:00-10:30	Coffee Break (30 minutes)				
Chair	Jiayi Kang	Minli Feng	Songlin Zhou	Jie Gao	Jie Gao
10:30-11:30	Xue Luo	Wenhui Dong	Zheng Zhao	Ji Shi	Songlin Zhou
11:30-12:00		Group Photo			
12:00-13:30	Lunch (90 minutes)				
Chair	Jiayi Kang	Minli Feng	Free Discussion 13:30-17:00	Jiayi Kang	
14:00-15:00	Xiuqiong Chen	Zeju Sun		Zhiwen Zhang	
15:00-15:30	Coffee Break (30 minutes)			Coffee Break (30 minutes)	
Chair	Jiayi Kang				
15:30-16:30	Xiaopei Jiao				
17:30	Dinner (90 minutes)	Banquet 18:00-20:00	Dinner (90 minutes)		

December 15, 2025 - Monday

Time	Name	Title
7:30-8:30	Breakfast (60 minutes)	
Chair	Jiayi Kang	
9:00-10:00	Xiaoxu Lyu	Performance Analysis of Distributed State Estimation under Misspecified Noise Covariances
10:00-10:30	Coffee Break (30 minutes)	
Chair	Jiayi Kang	
10:30-11:30	Xue Luo	The Gaussian Mixture Optimal Transport Ensemble Kalman Filter and Its Applications to Partially Linear Systems
12:00-13:30	Lunch (90 minutes)	
Chair	Jiayi Kang	
14:00-15:00	Xiuqiong Chen	Deep Learning Solutions to Nonlinear Filtering Problems: A Recurrent Neural Network Perspective
15:00-15:30	Coffee Break (30 minutes)	
Chair	Jiayi Kang	
15:30-16:30	Xiaopei Jiao	Recent progress on the Brockett-Mitter program on finite-dimensional filter
17:30	Dinner (90 minutes)	

December 16, 2025 - Tuesday

Time	Name	Title
7:30-8:30	Breakfast (60 minutes)	
Chair	Jiayi Kang	
9:00-10:00	Min Dai	Learning an Optimal Investment Policy with Transaction Costs via a Randomized Dynkin Game
10:00-10:30	Coffee Break (30 minutes)	
Chair	Minli Feng	
10:30-11:30	Wenhui Dong	Brownian and Poisson Bridges: Application to Nonlinear Filtering Problems and Error Estimates
11:30-12:00	Group Photo	
12:00-13:30	Lunch (90 minutes)	
Chair	Minli Feng	
14:00-15:00	Zeju Sun	The Applications of Yau-Yau Algorithm on McKean-Vlasov Filtering Problem
15:00-15:30	Coffee Break (30 minutes)	
15:30-16:30		
18:00-20:00	Banquet (120 minutes)	

December 17, 2025 - Wednesday

Time	Name	Title
7:30-8:30	Breakfast (60 minutes)	
Chair	Songlin Zhou	
9:00-10:00	Zhongjian Wang	PODNO: Proper Orthogonal Decomposition Neural Operators
10:00-10:30	Coffee Break (30 minutes)	
Chair	Songlin Zhou	
10:30-11:30	Zheng Zhao	Diffusion differentiable resampling
12:00-13:30	Lunch (90 minutes)	
13:30-17:00	Free Discussion	
17:30	Dinner (90 minutes)	

December 18, 2025 - Thursday

Time	Name	Title
7:30-8:30	Breakfast (60 minutes)	
9:00-10:00		
10:00-10:30	Coffee Break (30 minutes)	
Chair	Jie Gao	
10:30-11:30	Ji Shi	Data and Model Jointly Driven Intelligent Nonlinear Filtering
12:00-13:30	Lunch (90 minutes)	
Chair	Jiayi Kang	
14:00-15:00	Zhiwen Zhang	Regularity Estimate of pathwise robust DMZ equation and its sparse approximation
15:00-15:30	Coffee Break (30 minutes)	
15:30-16:30		
17:30	Dinner (90 minutes)	

December 19, 2025 - Friday

Time	Name	Title
7:30-8:30	Breakfast (60 minutes)	
9:00-10:00		
10:00-10:30	Coffee Break (30 minutes)	
Chair	Jie Gao	
10:30-11:30	Songlin Zhou	A Comprehensive Survey of Nonlinear Filtering: Theory, Computation, and New Frontiers
12:00-13:30	Lunch (90 minutes)	
14:00-15:00		
15:00-15:30		
15:30-16:30		
17:30	Dinner (90 minutes)	