反问题小型研讨会会议日程

时间：2025 年 11 月 7 日-9 日
11 月 7 日报到
11 月 8 日学术报告
11 月 9 日自由讨论
地点：复旦大学江湾校区上海数学中心 102
组织者：Gunther Uhlmann，程晋，陆帅，陈曦，翟剑

时间	内容	主持人
11 月 8 日(上海数学中心 102)		
8:30-8:40	开幕式	
8:40-09:10	王作勤（中国科学技术大学） An inverse spectral result of the Dirichlet-to-Neumann operator via the Guillemin-Wodzicki residue	
9:10-9:40	陆帅（复旦大学） Function spaces for neural networks and their applications	
9:40-10:10	邓又军（中南大学） Existence and uniqueness of Generalized Polarization Tensors vanishing structures	
10:10-10:30	茶歇	
10:30-11:00	邱凌云（清华大学） Optimal-Transport stability of inverse point-source problems for elliptic and parabolic equations	
11:00-11:30	王芳（上海交通大学） A proof of positive mass theorem via scattering operators	
11:30-12:00	陈曦（复旦大学） Inverse scattering by diffraction waves	
12:00-14:00	午餐	
14:00-14:30	周婷（浙江大学） Uniqueness for the inverse source problem of semilinear wave Equations	
14:30-15:00	许伯熹（上海财经大学） Linearized inverse potential problems at a high frequency	
15:00-15:30	赵越（华中师范大学） Scattering resonances for the Schrodinger operator and inverse source scattering problems	
15:30-15:50	茶歇	
15:50-16:20	马世琪（吉林大学） Inverse stability for hyperbolic equations	

16:20-16:50	**李力（清华大学）** An inverse problem for the active scalar equations with fractional dissipation	
16:50-17:20	**翟剑（复旦大学）** Wave equations and geometric inverse problems	
18:00-20:00	晚餐	
11 月 9 日(上海数学中心)		
9:00-17:00	自由讨论	

Workshop on Inverse Problems

Time: Nov. 7-9, 2025
Location: Room 102, Shanghai Center for Mathematical Sciences(SCMS)
Organizers: Gunther Uhlmann, Jin Cheng, Shuai Lu, Xi Chen, Jian Zhai

Time	Content	Host
November 8(SCMS 102)		
8:30-8:40	Opening	
8:40-09:10	Zuoqin Wang (University of Science and Technology of China) An inverse spectral result of the Dirichlet-to-Neumann operator via the Guillemin-Wodzicki residue	
9:10-9:40	Shuai Lu (Fudan University) Function spaces for neural networks and their applications	
9:40-10:10	Youjun Deng (Central South University) Existence and uniqueness of Generalized Polarization Tensors vanishing structures	
10:10-10:30	Tea Break	
10:30-11:00	Lingyun Qiu (Tsinghua University) Optimal-Transport stability of inverse point-source problems for elliptic and parabolic equations	
11:00-11:30	Fang Wang (Shanghai Jiao Tong University) A proof of positive mass theorem via scattering operators	
11:30-12:00	Xi Chen (Fudan University) Inverse scattering by diffraction waves	
12:00-14:00	Lunch	
14:00-14:30	Ting Zhou (Zhejiang University) Uniqueness for the inverse source problem of semilinear wave equations	
14:30-15:00	Boxi Xu (Shanghai University of Finance and Economics) Linearized inverse potential problems at a high frequency	
15:00-15:30	Yue Zhao (Central China Normal University) Scattering resonances for the Schrodinger operator and inverse source scattering problems	
15:30-15:50	Tea Break	
15:50-16:20	Shiqi Ma (Jilin University) Inverse stability for hyperbolic equations	

16:20-16:50	Li Li (Tsinghua University) An inverse problem for the active scalar equations with fractional dissipation	
16:50-17:20	Jian Zhai (Fudan University) Wave equations and geometric inverse problems	
18:00-20:00	Dinner	
November 9(SCMS)		
9:00-17:00	Free discussions	