



深圳北理莫斯科大學

УНИВЕРСИТЕТ МГУ-ППИ В ШЭНЬЧЖЭНЕ
SHENZHEN MSU-BIT UNIVERSITY

深圳计算反问题：新 算法与落地会议

主办：莫大-北理工-深北莫应用数学联合研究中心

2025 年 10 月 7-8 日 • 深圳

会议日程(Program Schedule)

第一天(Day 1):Oct 7, 2025	
Venue: Conference Room 336, Main Building	
Chair: Ye Zhang	
9:00-9:15	Opening remark: Ye Zhang
9:15-9:45	Hongyu Liu Inverse problems for large population dynamics
9:45-10:00	Comment
10:00-10:30	Ye Zhang 稀疏正则化在动态成像反问题中的应用
10:30-10:45	Comment
10:45-11:00	Tea break
11:00-11:30	Dong Wang An efficient iterative method for reconstructing surface from point clouds
11:30-11:45	Comment
11:45-14:00	Lunch
14:00-14:30	Bangti Jin Singularity enriched neural PDE solvers
14:30-14:45	Comment
14:45-15:15	Wenlong Zhang A Globally Convergent Numerical Method for a 3D Coefficient Inverse Problem for a Wave-Like Equation
15:15-15:30	Comment
15:30-15:45	Tea break
15:45-16:15	Hui Liang Convergence and superconvergence analysis of discontinuous Galerkin

	methods for index-2 integral-algebraic equations
16:15-17:00	Jingzhi Li Uniqueness in inverse cavity scattering problems with phaseless near-field data
18:00-19:30	Dinner

第二天(Day 2):Aug 10, 2025	
Venue: Conference Room 336, Main Building	
Chair: Ye Zhang	
9:15-9:45	Chaoyu Quan Stability and convergence analysis for the implicit-explicit method to the Cahn-Hilliard equation
9:45-10:00	Comment
10:00-10:30	Mengzhou Zhang A computational approach to estimate postmortem interval using postmortem computed tomography of multiple tissues based on animal experiments
10:30-10:45	Comment
10:45-11:00	Tea break
11:00-11:30	Lele Yuan A scaling fractional asymptotical regularization method for linear inverse problems
11:30-11:45	Comment
11:45-14:00	Lunch
14:00-18:00	Discussion
18:00-19:30	Dinner