



深圳北理莫斯科大學

УНИВЕРСИТЕТ МГУ-ППИ В ШЭНЬЧЖЭНЕ
SHENZHEN MSU-BIT UNIVERSITY

2025 深北莫反问题 算法研讨会

主办：莫大-北理工-深北莫应用数学联合研究中心

2025 年 8 月 9-10 日 · 深圳

会议日程(Program Schedule)

第一天(Day 1):Aug 9, 2025	
Venue: Conference Room 344, Main Building	
Chair: Ye Zhang	
9:00-9:15	Opening remark: Ye Zhang
9:15-9:45	Yunbin Zhao A brief Introduction to Sparse Optimization: Algorithm Development
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 深度学习驱动的光声成像重建算法
11:30-11:45	Comment
11:45-14:00	Lunch
14:00-14:30	Dehan Chen Variational source conditions for inverse Robin and flux problems by partial measurements
14:30-14:45	Comment
14:45-15:15	Wenbin Li Learning on the correctness class for domain inverse problems of gravimetry
15:15-15:30	Comment
15:30-15:45	Tea break
15:45-16:15	Hui Liang Discontinuous Galerkin methods for auto-convolution Volterra integral equations

16:15-17:00	Jingzhi Li Determining a random schroedinger operator: both potential and source are random
18:00-19:30	Dinner

第二天(Day 2):Aug 10, 2025	
Venue: Conference Room 344, Main Building	
Chair: Ye Zhang	
9:15-9:45	Chaoyu Quan A decreasing upper bound of energy for time-fractional phase-field equations
9:45-10:00	Comment
10:00-10:30	Mengzhou Zhang Visual knowledge domain of artificial intelligence in computed tomography: a review based on bibliometric analysis
10:30-10:45	Comment
10:45-11:00	Tea break
11:00-11:30	Hao Wu 公安刑侦指纹专业技术交流
11:30-11:45	Comment
11:45-14:00	Lunch
14:00-14:30	Zilong Chen 捺印指纹图像质量 NFIQ 评分与专家认知规律分析
14:30-14:45	Comment
14:45-17:00	Discussions
18:00-19:30	Dinner

第三天(Day 3):Aug 11, 2025	
Venue: Conference Room 344, Main Building	
Chair: Ye Zhang	
9:15-9:45	Shuang Liu Analysis, Construction, and Justification of Algorithms for the Numerical Solution of Multi-Parametric Optimization Problems Using Machine Learning Methods
9:45-10:00	Comment
10:00-10:30	You Sun A concentration-preserving discontinuous Galerkin method for multi-component preparative chromatography
10:30-10:45	Comment
11:30-11:45	Discussions
11:45-14:00	Lunch
14:45-17:00	Discussions
18:00-19:30	Dinner