

时间	报告人	内容
9月2日 1114 报告厅 主持人(熊云丰、段俊明)		
8:30 - 9:00	指导老师	开幕式、合影
9:00 - 9:30	熊云丰	Efficient implementation of the Wigner branching random walk algorithms
9:30 - 10:00	胡嘉顺	半经典极限下 Schrodinger 方程的扩展 WKB 近似的误差分析
10:00 - 10:30	茶歇	
10:30 - 11:00	龙子超	PDE-Net 2.0: Learning PDEs from Data with A Numeric-Symbolic Hybrid Deep Network
11:00 - 11:30	陶文启	The relationship between PDE and deep neural networks
11:30 - 12:00	冯亦葳	A Characteristic-featured Troubled-cell Indicator for Conservation Laws based on Artificial Neural Networks
12:00 - 14:00	午餐、自由讨论	
14:00 - 14:30	洪雪	Arbitrary Lagrangian-Eulerian discontinuous Galerkin method for hyperbolic equations involving δ -singularities
14:30 - 15:00	田舒丹	3D H^2 -nonconforming tetrahedral finite elements for the biharmonic equation
15:00 - 15:30	王秀丽	复杂多孔介质流体的弱有限元方法
15:30 - 16:00	茶歇	
16:00 - 16:30	王莹	A novel alternating-direction implicit spectral Galerkin method for a multi-term time-space fractional diffusion equation in three dimensions
16:30 - 17:00	杨凡意	A sequential least squares method for elliptic problem in non-divergence form
17:00 - 17:30	朱冰心	Hybridized discontinuous Galerkin Methods for Helmholtz equation with high wave number
17:30 - 19:00	晚餐、自由讨论	

9月3日 1114 报告厅 主持人(刘浩洋、户将)		
9:00 - 9:30	户将	Second order type methods for manifold optimization
9:30 - 10:00	李凌丰	A Variational Convex Hull Algorithm
10:00 - 10:30	茶歇	
10:30 - 11:00	李勇锋	A Stochastic Trust Region Framework for Policy Optimization
11:00 - 11:30	杨沐明	Solving Heated Oil Pipeline Problems Via Mixed Integer Nonlinear Programming Approach
11:30 - 12:00	张维熹	A simple iterative algorithm for maxcut
12:00 - 14:00	午餐、自由讨论	
14:00 - 14:30	刘浩洋	Low-rank Matrix Optimization Using Polynomial-filtered Subspace Extraction
14:30 - 15:00	李冰杰	全正矩阵的研究现状与困难问题
15:00 - 15:30	陆天怡	2D EVP, Newton method, and RQI method
15:30 - 16:10	茶歇	
16:10 - 16:40	王喆	Coordinate-wise Descent Methods for the Full Configuration Interaction Calculation
16:40 - 17:10	张力维	The Kohn-Sham density functional theory model: From the optimization point of view
17:10 - 19:00	晚餐、自由讨论	

9月4日 1114 报告厅 主持人(龙子超、杨凡意)		
9:00 - 9:30	耿志远	Regularity of minimizers of singular energy functional for nematic liquid crystals in 3D
9:30 - 10:00	司伟	二十面体准晶的稳定性研究以及相场模型时间自适应策略
10:00 - 10:30	茶歇	
10:30 - 11:00	王封儒	Inclination angle between dislocations and free surface
11:00 - 11:30	王阳帅	Some Recent Progress on Multiscale Coupling Methods
11:30 - 12:00	殷鉴远	Construct solution landscapes of nematic liquid crystals
12:00 - 14:00	午餐、自由讨论	
14:00 - 14:30	陈珍珠	典型量子体系对应的 Wigner 方程的高精度数值方法
14:30 - 15:00	董倩楠	Extension and analysis of the decoupled and positivity-preserving DDFV scheme for diffusion problems to the three-dimensional case
15:00 - 15:30	段俊明	High-order entropy stable schemes for special relativistic hydrodynamics
15:30 - 16:00	茶歇	
16:00 - 16:30	秦煜哲	SAV schemes for the binary fluid-surfactant system
16:30 - 17:00	王居方	A Pseudo Moving Mesh Method for Flow Solver Acceleration in Aerodynamic Optimization
17:00 - 17:30	赵状	A hybrid Hermite WENO scheme for hyperbolic conservation laws
17:30 - 19:00	晚餐、自由讨论	