

## 青年学者会及研究生论坛日程（2016. 7. 18）

8:30-10:00	主持人	胡 俊
8:30-9:00	汪艳秋	Anisotropic Quality Measures for Polygonal Meshes and Mesh Adaptation
9:00-9:30	杨 伟	Time-domain Arbitrary Shape Electromagnetic Cloak Models and Finite Element Analysis
9:30-10:00	徐一峰	A Convergent Adaptive Finite Element Method for Cathodic Protection
<b>10:00-10:20</b>		<b>茶歇</b>
10:20-11:40	主持人	汪艳秋
10:20-10:40	马 睿	Guaranteed Lower Bounds for Eigenvalues of Elliptic Operators
10:40-11:00	龚世华	A Hybridizable Mixed Finite Element Method with a Robust Solver for Elasticity
11:00-11:20	杨雪芹	Mixed Finite Element Methods for the Reissner-Mindlin Plate Problem
11:20-11:40	姜 威	Mixed Finite Element Method for Resonant Cavity Problem with Complex Geometric Topology and Anisotropic Lossless Media
<b>11:40-14:00</b>		<b>午餐</b>
14:00-15:30	主持人	张晨松
14:00-14:30	黄学海	Quasi-optimal Convergence Rate for an Adaptive Hybridizable C0 Discontinuous Galerkin Method for Kirchhoff Plates
14:30-15:00	李步扬	$L_p$ - $L_q$ Error Estimates of Numerical Solutions of Nonlinear Parabolic Equations
15:00-15:30	王 飞	Unified Framework of Discontinuous Finite Element Methods
<b>15:30-16:00</b>		<b>茶歇</b>
16:00-17:40	主持人	应文俊
16:00-16:20	冯 悦	利用自适应有限元方法求解玻色-爱因斯坦凝聚态的基态解
16:20-16:40	翟起龙	弱有限元方法在 Laplacian 特征值问题中的应用
16:40-17:00	李 豪	The Morley Element Multigrid Discretizations Based on the Shifted-inverse Iteration for Biharmonic Eigenvalue Problem
17:00-17:20	马利敏	Penalized Crouzeix-Raviart Method for Eigenvalue Problems
17:20-17:40	韩家宇	An Adaptive Finite Element Method for the Transmission Eigenvalue Problem

## 青年学者会及研究生论坛日程（2016. 7. 19）

8:30-8:35	主 持	胡 俊
8:35-8:50	许进超	开幕式致辞
8:50-10:20	主持人	许进超
8:50-9:20	应文俊	A Potential Theory Based Cartesian Grid Method and its Recent Developments
9:20-9:50	吴朔男	A Canonical Construction of Nonconforming Finite Elements for High Order Partial Differential Equations on Simplicial Grids
9:50-10:20	李 颖	A Second-order Stabilized Finite Element Method for Variable Density Incompressible Flows
<b>10:20-10:40</b>		<b>茶歇</b>
10:40-12:00	主持人	张上游
10:40-11:00	张会丽	Linear and Quadratic Immersed Finite Element Methods for the Multi-layer Porous Wall Model
11:00-11:20	鲁仲杰	Discontinuous Galerkin Approximations for Computing Electromagnetic Bloch Modes in Photonic Crystals
11:20-11:40	赵乐炜	A Spectral Collocation Method for Hamiltonian Systems
11:40-12:00	陈 虎	分数阶偏微分方程的谱方法
<b>12:00-14:00</b>		<b>午餐</b>
14:00-16:00	主持人	陈 龙
14:00-14:30	张 然	A Weak Galerkin Finite Element Scheme for the Brinkman Model
14:30-15:00	卢 眺	一维稳态 Wigner 方程的定解问题的分析
15:00-15:30	毛士鹏	Anisotropic Adaptive FEM with Residual-free Bubbles for MHD Flow at High Hartmann Numbers
15:30-16:00	张世全	BPS Preconditioners for a WG Method for Diffusion Problems
<b>16:00-16:20</b>		<b>茶歇</b>
16:20-17:40	主持人	卢 眺
16:20-16:40	张理评	Tikhonov Regularization and Randomized GSVD
16:40-17:00	滕文超	A Multimechanistic MPFA-based Hybrid Model for Shale Gas Reservoir Simulation
17:00-17:20	齐文雅	一个变形 Ulm-型牛顿迭代方法的收敛性
17:20-17:40	闫静叶	高阶保能量方法在能量守恒偏微分方程中的应用