

Schedule

January 6, 2025, Monday

Time 日期	Name 报告人	Title 报告题目
7:30-8:30	Breakfast	
09:00-10:00	Gungwon Kang	Close black hole encounters and non-merging ringdowns
10:00-10:30	Coffee Break	
10:30-11:30	Andrzej Rostworowski	Vacuum axisymmetric gravitational collapse, revisited
12:00-13:30	Lunch	
14:00-14:30	Chan Park	Perturbation of Electromagnetic Waves and Motions of Charged Particles
14:30-15:00	JiaJia Qian	A discrete de Rham scheme for the exterior calculus Einstein's equations
15:00-15:30	Coffee Break	
15:30-16:30	Maciej Maliborski	Periodic solutions for simple Hamiltonian PDEs
16:30-17:30		
17:30-19:00	Dinner	

January 7, 2025, Tuesday

Time 日期	Name 报告人	Title 报告题目
7:30-8:30	Breakfast	
09:00-10:00	Enping Zhou	Evolution of bare quark stars in numerical relativity
10:00-10:30	Coffee Break	
10:30-11:30	Sizheng Ma	Cauchy-characteristic matching
12:00-13:30	Lunch	
14:00-15:00	Ralf Hiptmair	FEEC IN FLOW
15:00-15:30	Coffee Break	
15:30-16:30	Badri Krishnan	Dynamics of black hole horizons in binary black hole mergers
16:30-17:30		
17:30-19:00	Dinner	

January 8, 2025, Wednesday

Time 日期	Name 报告人	Title 报告题目
7:30-8:30	Breakfast	
09:00-10:00	Håkan Andreasson	Stationary and time dependent solutions of the axially symmetric Einstein-Vlasov system
10:00-10:30	Coffee Break	
10:30-11:30	Daniel Pook-Kolb	Quasi-Local Mass in a Binary Black Hole Merger
12:00-13:30	Lunch	
14:00-15:00		
15:00-15:30		
15:30-16:30		
16:30-17:30		
17:30-19:00	Dinner	

January 9, 2025, Thursday

Time 日期	Name 报告人	Title 报告题目
7:30-8:30	Breakfast	
09:00-10:00	Jörg Frauendiener	A global approach to the nonlinear perturbation of a black hole by gravitational waves
10:00-10:30	Coffee Break	
10:30-11:30	Yuewen Chen	On the convergence of the discontinuous Galerkin scheme for Einstein-scalar equations
12:00-13:30	Lunch	
14:00-14:30	Daniela Cors	Critical collapse simulations with bumps
14:30-15:00	Yu Tian	Computation meets gravitation: from anti-de Sitter to de Sitter
15:00-15:30	Coffee Break	
15:30-16:30	Lap Ming Lin	Apparent horizon finders for 3D numerical spacetimes
16:30-17:30		
17:30-19:00	Dinner	

January 10, 2025, Friday

Time 日期	Name 报告人	Title 报告题目
7:30-8:30	Breakfast	
09:00-10:00	Kaibo Hu	Differential complexes and compatible finite elements with applications to relativity
10:00-10:30	Coffee Break	
10:30-11:30	Alex Vañó Viñuales	Hyperboloidal evolution, or how to smoothly reach (future null) infinity
12:00-13:30	Lunch	
14:00-15:00		
15:00-15:30		
15:30-16:30		
16:30-17:30		
17:30-19:00	Dinner	