

Program

Time	July 14	July 15	July 16
8:00	Registration (8:00-18:00)	Opening remarks Group photo Zhang Zhimin Li Huiyuan Teng Chunhao	Bao Weizhu Jia Hongli Wu Hua Song Lunji
10:10		Tea Break	
10:30		Chen Min Chen Yanping Li Xianjuan	Wang Lilian Steven Dong Zeng Fanhai Guo Benqi
12:00		Lunch	
13:30		Shen Jie Xie Ziqing Yi Lijun Yu Haijun	Tour
15:30		Tea Break	
15:50		Ma Heping Yi Yonggang Zhang Chao Wang Tianjun	
18:00	Reception	Banquet	Dinner

Daily Program

July 14, 2011 Thursday
Registration (8:00-18:00)
Reception (18:00)

July 15, 2011 Friday			
8:00 - 8:40	Opening remarks, Group photo		
8:40 - 9:10	Zhang Zhimin	Spectral Collocation Methods for Hamiltonian Dynamical Systems	Chair: Ma heping
9:10 - 9:40	Li Huiyuan	A New Spectral Method on Triangles by Using the Square-to-Triangle Mapping	
9:40 - 10:10	Teng Chunhao	Pseudospectral simulations of nano-optics induced by Ag nano-particles	
10:10 - 10:30	Tea Break		
10:30 - 11:00	Chen Min	Boussinesq systems for water waves	Chair: Xie Ziqing
11:00 - 11:30	Chen Yanping	Spectral collocation methods for Volterra integro-differential equations	
11:30 - 12:00	Li Xianjuan	A parallel in time/spectral collocation method for the Volterra integral equations of the second kind	
12:00	Lunch		
13:30 - 14:00	Shen Jie	Efficient and Stable Spectral Methods for Scoustic and Electromagnetic scattering	Chair: Xu Chuanju
14:00 - 14:30	Xie Ziqing	Convergence analysis of spectral Galerkin methods for Volterra type integral equations	
14:30 - 15:00	Yi Lijun	The h-p version of the FEM for elliptic problems with nonhomogeneous Dirichlet boundary conditions	
15:00 - 15:30	Yu Haijun	Efficient Numerical Methods for the Kinetic Equation of FENE Dumbbell Fluids	

15:30 - 15:50	Tea Break		
15:50 - 16:20	Ma Heping	Spectral element methods for elliptic equations on polygon or polyhedron domains	Chair: Wang Lilian
16:20 - 16:50	Yi Yonggang	Generalized Jacobi Rational Spectral Method and Its Applications	
16:50 - 17:20	Zhang Chao	Generalized Laguerre Quasi-orthogonal Approximation And Applications To Petrov Galerkin Spectral Method With Essential Imposition Of Mixed Boundary Conditions For High Order Problems	
17:20 - 17:50	Wang Tianjun	Composite Laguerre-Legendre Spectral Method for Fourth-order Exterior Problems	
18:00	Banquet		

July 16, 2011 Saturday			
8:00 - 8:30	Bao Weizhu	Emerging applications of spectral methods in quantum and plasma physics	Chair: Shen Jie
8:30 - 9:00	Jia Hongli	Pseudospectral Method For Polygons	
9:00 - 9:30	Wu Hua	TBA	
9:30 - 10:00	Song Lunji	A Spectral IPDG Method for The Helmholtz Equation	
10:00 - 10:20	Tea Break		
10:20 - 10:50	Wang Lilian	Some new perspectives on spectral approximations and time-domain wave scattering	Chair: Bao Weizhu
10:50 - 11:20	Steven Dong	A High-Order Macro-Element Method	
11:20 - 11:50	Zeng Fanhai	TBA	
11:50 - 12:20	Guo Benqi	TBA	
12:20	Lunch		
13:20 - 18:00	Tour		
18:30	Dinner		