

China-Japan Mini-Workshop on PDEs and Fluid Mechanics

2018.5.25		2018.5.25	
Organizers: Lili DU (Sichuan U) and Xiangdi HUANG (CAS)			
Chair	Weinian ZHANG (SCU)	Chair	Feimin HUANG (CAS)
09:00-09:40	Akitaka MATSUMURA (Osaka University) Global asymptotic stability of constant states for the generalized Burgers equation with nonlinear viscosity	14:30-15:10	Yi WANG (CAS) Wave phenomena to the three-dimensional Navier-Stokes/Euler-Vlasov-Fokker-Planck equations
09:40-10:20	Kenji NISHIHARA (Waseda University) Diffusion phenomenon of solutions to the Cauchy problem for the damped wave equation	15:10-15:50	Xiaoding SHI (Beijing U of Chem. Tech.) Asymptotic stability of two phase-field models for compressible fluids
10:20-10:40	Tea Break	15:50-16:10	Tea Break
Chair	Jianwen ZHANG (Xiamen U)	Chair	Yongqian ZHANG (Fudan U)
10:40-11:20	Feimin HUANG (CAS) Compensated compactness and its application in compressible Euler equations	16:10-16:50	Hailiang LI (Capital Normal University) Spectrum and behaviors of Vlasov-Poisson-Boltzmann equations
11:20-12:00	Yongqian ZHANG (Fudan University) On steady supersonic flow past a curved cone	16:50-17:30	Xiangdi HUANG (CAS) Global classical and weak solutions to the three-dimensional full compressible Navier-Stokes system with vacuum and large oscillations
12:00	Lunch (Beiyuan Restaurant)	18:00	Supper (Kehuyuan Hotel)
Location	Department of Math. West 303	Location	Department of Math. West 303

You are welcome !