Nov. 27 (Thu)		Registration, Dinner: 18:30-20:30, Venue TBA		
Nov. 28 (Fri)		Morning Chair: Xiaoqian Xu. Venue: Duke Kunshan University, Room: Innovation Building 1046		
Time	Speaker		Title (or activities)	
9:00-10:00	Jian-Guo Liu (Duke University)		Analysis of the adhesion model and the reconstruction problem in cosmology	
10:00-10:20			Coffee Break	
10:20-11:20	Quoc-Hung Nguyen (CAS)		Boundary Regularity of the Surface Quasi-Geostrophic (SQG) Equation in Smooth Domains	
11:20-12:20	Zhendo	ong Chen (Shanghai Jiao Tong University)	Shock formation for the 2D rotating shallow water equations with large vorticity	
12:20-14:00			Lunch	
14:00-17:30			Free afternoon, Jinxi Ancient Town (Optional, free for entry, could choose to pay to take the boat or other attractions there)	
17:30-20:00			Dinner: TBA	

Nov. 29 (Sat)		Morning Chair: De Huang. Afternoon Chair: Yupei Huang. Venue: Duke Kunshan University, Room: Innovation Building 1046		
Time	Speaker		Title (or activities)	
9:00-10:00	Stefano Bianchini (SISSA)		On the properties of traveling wave solutions for a reaction diffusion equation with control	
10:00-10:20			Coffee Break	
10:20-11:20	Jiajun Tong (Peking University)		The Immersed Boundary Problem in 2-D: the Navier-Stokes Case	
11:30-12:00	Jose Antonio Lucas Manchon (ICMAT)		Strong ill-posedness and non-existence in Sobolev spaces for generalized-SQG	
12:00-14:00			Lunch	
14:00-15:00	Xiaoyutao Luo (CAS)		Long time inviscid damping near Couette	
15:00-15:20			Coffee Break	
15:20-16:20	De Huang (Peking University)		Self-similar finite-time blowup with singular profiles of the generalized Constantin-Lax-Majda model	
16:30-17:30	Jie Wan (Beijing Institute of Technology)		Some recent progress of helical vortices of 3D incompressible Euler equations	
18:00-20:00			Banquet: TBA	

Nov. 30 (Sun)		Morning Chair: Jiajun Tong. Afternoon Chair: Xiaoyutao Luo. Venue: Duke Kunshan University, Room: Innovation Building 1046		
Time	Speaker		Title (or activities)	
9:00-10:00	Diego Cordoba (ICMAT)		Vortex layer cascades and finite time singularities for incompressible fluids	
10:00-10:20			Coffee Break	
10:20-11:20	In-Jee Jeong (Seoul National University)		Long time dynamics and stability of multi-vortex solution	
11:30-12:00	Seungjae Lee (Seoul National University)		Sharp local well-posedness of \$C^1\$ vortex patches	
12:00-14:00			Lunch	
14:00-15:00	Chunjing Xie (Shanghai Jiao Tong University)		Rigidity for steady incompressible Euler system and its applications	
15:00-15:20			Coffee Break	
15:20-16:20	Ken Abe (Osaka Metropolitan University)		Homogeneous steady states for the gSQG equations	
16:30-17:30	Yupei Huang (Imperial College London)		Exponential Lower Bounds for Shear-Driven AdvectionDiffusion	
18:00-20:00			Dinner: TBA	

Dec. 01 (Mon)		Morning Chair: Jeaheang Bang. Afternoon Chair: Hanye Zhu. Venue: Duke Kunshan University, Room: Innovation Building Lecture Hall		
Time	Speaker		Title (or activities)	
9:00-10:00	Alexey Cheskidov (Westlake University)		Instantaneous Type-I blow-up and non-uniqueness of smooth solutions to the NavierStokes equations	
10:00-10:20			Coffee Break	
10:20-11:20	Fei Wang (Shanghai Jiao Tong University)		Stability threshold of close-to-Couette shear flows with no-slip boundary conditions in 2D	
11:30-12:00	Andres Lain Sanclemente (ICMAT)		Finite-time singularity via pendula for the forced 2D Bousinessq equation	
12:00-14:00			Lunch	
14:00-15:00	Luca Talamini (SISSA)		Some results on L^{∞} entropy solutions to systems of two conservation laws	
15:00-15:20			Coffee Break	
15:20-16:20	Nicola De Nitti (University of Pisa)		Sharp bounds on enstrophy growth for the viscous Burgers equation	
16:30-17:30	Deokwoo Lim (Seoul National University)		On the optimal rate of vortex stretching for axisymmetric Euler flows without swirl	
18:00-20:00			Dinner: TBA	

Dec. 02 (Tue)		Morning Chair: Xiaoqian Xu. Venue: Duke Kunshan University, Room: Library LIB1117		
Time	Speaker		Title (or activities)	
9:00-10:00	Yuanyuan Feng (East China Normal University)		The applications of dissipation enhancing flows to Cahn-Hilliard Equation	
10:00-10:20			Coffee Break	
10:20-11:20	Hanye Zhu (Duke University)		On conductivity problems	
11:20-14:00			Lunch	
14:00-17:00			Free afternoon	
18:00-20:00			Dinner: TBA	