

Workshop: Analysis of PDEs in Dalian

May 24-30, 2026

Dalian University of Technology, Dalian, China

Sunday -- <i>Registration Day</i> , May 24		
13:00-19:00	Hotel 1. Dalian University of Technology International Convention Center Hotel 2. Dalian Haichuang Technology Communication Center	
Monday -- <i>Opening Day</i> , May 25		
Room 358 & Room 213, Teaching Building 1		
7:55	Meeting Points: Lobbies of	Hotel 1
7:40		Hotel 2
8:20-8:30	Opening	
8:30-10:00	Kunstmann, Peer H^∞ -functional Calculus for Stokes Operators: Part 1	
10:00-10:30	Break	
10:30-11:15	Wu, Sijue The Quartic Integrability of Water Waves and Related Models	
11:20-12:05	Yao, Yao Infinite-in-time Growth in 2D and 3D Euler Equations	
12:15-13:30	Lunch @ Hotel 1	
14:00-15:30	Kunstmann, Peer H^∞ -functional Calculus for Stokes Operators: Part 2	
15:30-16:00	Break	
16:00-16:45	Tan, Jin On the Lions Density Patch Problem for the Inhomogeneous Incompressible Navier-Stokes Equations	
17:30-19:00	Dinner @ Hotel 1	
Tuesday -- <i>Girls' Day</i> , May 26		
Room 258 & Room 251, Teaching Building 1		
8:30-10:00	Massetti, Jessica A Dynamical Approach to Stability of Hamiltonian PDEs: Part 1	
10:00-10:30	Break	

10:30-11:15	Yuan, Qian Global Nonlinear Stability of Vortex Sheets for the Navier-Stokes Equations with Large Data
11:20-12:05	Li, Te Nonlinear Asymptotic Stability and Optimal Decay Rate Around the Three-Dimensional Oseen Vortex Filament
12:15-13:30	Lunch @ Hotel 1
14:00-15:30	Massetti, Jessica A Dynamical Approach to Stability of Hamiltonian PDEs: Part 2
15:30-16:00	Break
16:00-16:45	He, Zihui A Variational Approach to Kinetic Equations
17:30-19:00	Dinner @ Hotel 1
Wednesday -- <i>Poster Day</i>, May 27 Room 358, Teaching Building 1 & School of Mathematical Sciences	
8:30-9:15	Alonso-Orán, Diego Well-posedness Results for Boundary Value Problems Arising in Astrophysical Plasmas
9:20-10:05	Poster-flash (3.5 min. each)
10:15-10:30	Group Photo
10:30-12:00	Coffee Break Poster-session
12:15-13:30	Lunch @ Hotel 1
14:00-19:00	Free Discussion
Thursday -- <i>Energetic Day</i>, May 28 Room 258 & Room 259, Teaching Building 1	
8:30-10:00	Fanelli, Francesco Around Yudovich Theory for the Incompressible Euler Equations: Part 1
10:00-10:30	Break

10:30-11:15	Cheskidov, Alexey When Viscosity Fails to Select: Three Non-uniqueness Mechanisms for the Navier-Stokes Equations
11:20-12:05	Gancedo, Francisco Stable and Unstable Interface Dynamics for Gravity Stokes Flow
12:15-13:30	Lunch @ Hotel 1
14:00-15:30	Fanelli, Francesco Around Yudovich Theory for the Incompressible Euler Equations: Part 2
15:30-16:00	Break
16:00-16:45	Jeong, In-Jee Stability of Traveling Waves on the Half-plane without Sign Condition on the Vorticity
16:50-17:35	Dai, Mimi Instantaneous Blowup from Inverse Energy Cascade and Convex Integration
18:00-19:30	Dinner @ Hotel 1
Friday -- Closing Day, May 29 Room 309 & Room 159, Teaching Building 1	
8:30-9:15	Danchin, Raphaël On the High Viscosity Limit for the Compressible Navier-Stokes Equations
9:20-10:05	Knopf, Patrik Phase-field Models for Two-phase Flows with Moving Contact Lines, Variable Contact Angles and Bulk-surface Interaction
10:10-10:40	Break
10:40-11:25	Wiedemann, Emil The Motion of a Rigid Body in an Inviscid Compressible Fluid
11:30-12:15	Plum, Michael Computer-assisted Existence and Multiplicity Proofs for Semi-linear Elliptic Boundary Value Problems
12:30-13:30	Lunch @ Hotel 1
14:00-19:00	Free Discussion