

Program Overview

The 7th International Conference on Fluid Mechanics

24 May-27 May, 2015, Qingdao

Organized by:

The Chinese Society of Theoretical and Applied Mechanics

Institute of Mechanics, Chinese Academy of Sciences

China University of Petroleum

Venue: Howard Johnson Kangda Plaza Qingdao Hotel

Time	Day-1, Sunday, 24 May, 2015	
14:00-20:00	Lobby	Registration
20:00-21:00	Board Room	Scientific Committee Meeting & Academic Committee Meeting

Time	Day-2, Monday, 25 May, 2015					
8:00	Lobby		Registration			
9:30	Grand Ball Room Chairman: Jing Fan		Opening Ceremony			
10:00-10:50	Grand Ball Room Chairman: Frederic Dias		Plenary 1 Resonant liquid motion in marine hydrodynamics Odd Magnus Faltinsen			
10:50-11:10	Coffee Break					
11:10-12:00	Grand Ball Room Chairman: Ivan Marusic		Plenary 2 The inherent mechanism of breakdown in laminar-turbulent transition Heng Zhou			
12:00-14:00	Lunch (Cafe Riviera)					
	Session					
	Room A	Room B	Room C	Room D	Room E	Room F
14:00-18:00	S01-1 Flow Instability and Turbulence	S02-1 Aerodynamics and Gas Dynamics	S03-1 Hydrodynamics	MS2 Microscale Flows and Micro/Nano Fluidics (13:30-17:50)	S11-1 Computational Fluid Dynamics	S05 Biofluid Mechanics
Coffee Break (15:50-16:10)						S08-1 Multiphase Flows, Non-Newtonian Flows and Flows in Porous Media
18:30-20:00	Welcome Reception (Grand Ball Room)					

Time	Day-3, Tuesday, 26 May, 2015					
8:30-9:20	Grand Ball Room Chairman: Jing Fan	Plenary 3 New results on the incipient separation of shock/boundary-layer interactions Frank K. Lu				
9:20-10:10	Grand Ball Room Chairman: Jinjun Wang	Plenary 4 Turbulence and suspended particles—Friends or Foes? S. Balachandar				
10:10-10:30	Coffee Break					
10:30-11:20	Grand Ball Room Chairman: Heng Zhou	Plenary 5 An extended view of the inner-outer interaction model for wall-bounded turbulence using spectral linear stochastic estimation Ivan Marusic				
11:20-12:10	Grand Ball Room Chairman: Jiachun Li	Plenary 6 Wind in cities and its roles in urban warming and air pollution Yuguo Li				
12:10-14:00	Lunch (Cafe Riviera)					
	Session					
	Room A	Room B	Room C	Room D	Room E	Room F
14:00-18:00	S01-2 Flow Instability and Turbulence	S02-2 Aerodynamics and Gas Dynamics	S03-2 Hydrodynamics	S04 Industrial and Environmental Fluid Mechanics	S11-2 Computational Fluid Dynamics	S08-2 Multiphase Flows, Non-Newtonian Flows and Flows in Porous Media
Coffee Break (15:50-16:10)						
18:30-19:30	Dinner (Cafe Riviera)					

Time	Day-4, Wednesday, 27 May, 2015			
	Session			
	Room C	Room D	Room E	Room F
8:30-12:30 Coffee Break (10:10-10:30)	MS1 Extreme Marine Environment	S07 Plasma and Magneto-hydrodynamics	S10 Experimental Fluid Mechanics	MS3 Shale Gas Flow
12:30-14:30	Lunch (Cafe Riviera)			
14:30-15:20	Grand Ball Room Chairman: Zhaomin Li	Plenary 7 Advanced theories of two-phase flow in porous media S. M. Hassanizadeh		
15:20-16:10	Grand Ball Room Chairman: S.M. Hassanizadeh	Plenary 8 Multi-scale simulation of shale gas reservoirs Jun Yao		
16:10-16:30	Coffee Break			
16:30-17:00	Grand Ball Room Chairman: Jiachun Li	Closing Ceremony		
17:15-21:00	Banquet Take bus together at the lobby of Howard Johnson Hotel at 17:15			