Schedule

Time&Date	Monday (January 5)	Tuesday (January 6)	Wednesday (January 7)	Thursday (January 8)	Friday (January 9)
7:30-8:30	Breakfast(60 minutes)				
Chair	Zhan Wang	Emilian Parau	Paul Milewski	Jean-Marc Vanden-Broeck	Free Discussion
9:00-9:35	Jean-Marc Vanden-Broeck	Wooyoung Choi	Magda Carr	Philippe Guyenne	
9:35-10:10	Radu Cimpeanu	Yuriy Semenov	Ted Johnson	Mats Ehrnström	
10:10-10:40	Coffee Break (30 minutes)				
10:40-11:15	Zhigang Zhang	Delia Ionescu-Kruse	Mark Blyth	Yanghan Meng	
11:15-11:50	Yuchen He	Yunqi Jiang	Ramón Plaza	Xin Guan	
12:00-13:30	Lunch (90 minutes)				
Chair	Ted Johnson	Yuchen He	Free Discussion 13:30-17:00	Zhen Wang	Free Discussion
14:00-14:35	Chunxin Yuan	Amin Chabchoub		Shuming Sun	
14:35-15:10	Lei Hu	Zhen Wang		Mingyang Guan	
15:10-15:40	Coffee Break (30 minutes)			Coffee Break	
15:40-16:15	Xudan Luo	Zhengzhi Deng		Chen Wang	
16:15-16:50	Yifeng Mao	Jing Li		Enwei Zhang	
16:50-17:25	Benjamin Martin	Wenhao Cheng			
17:30-19:00	Dinner (90 minutes)				

January 5, 2026 - Monday

Time	Name	Title
7:30-8:30	Breakfast (60 minutes)	
Chair	Zhan Wang	
9:00-9:35	Jean-Marc Vanden-Broeck	Nonlinear free-surface flows close to the limiting configuration with a 120 Stokes angle
9:35-10:10	Radu Cimpeanu	Nonlinear, but under control: a hierarchical modelling approach to manipulating waves in fluids
10:10-10:40	Coffee Break (30 minutes)	
10:40-11:15	Zhigang Zhang	Water-wave fields reconstruction via space transformation method and metamaterials
11:15-11:50	Yuchen He	Rogue waves in complex sea states
12:00-13:30	Lunch (90 minutes)	
Chair	Ted Johnson	
14:00-14:35	Chunxin Yuan	A novel Kadomtsev–Petviashvili type model for nonlinear internal waves with horizontally two-dimensional shear currents and Earth's rotation
14:35-15:10	Lei Hu	Obliquely interacting solitary waves and wave wakes in free-surface flows
15:10-15:40	Coffee Break (30 minutes)	
15:40-16:15	Xudan Luo	Diffraction and interaction of interfacial solitons in a two-layer fluid of great depth
16:15-16:50	Yifeng Mao	Two-layer interfacial waves: linear stability and ocean surface wave breaking
16:50-17:25	Benjamin Martin	Modelling perturbed long plane, ring and hybrid surface waves
17:30-19:00	Dinner (90 minutes)	

January 6, 2026 - Tuesday

Time	Name	Title
7:30-8:30	Breakfast (60 minutes)	
Chair	Emilian Parau	
9:00-9:35	Wooyoung Choi	Nonlinear long waves over bottom topography
9:35-10:10	Yuriy Semenov	Conformal mapping technique for modeling nonlinear free-surface or interface waves
10:10-10:40	Coffee Break (30 minutes)	
10:40-11:15	Delia Ionescu-Kruse	Exact solutions and short-wavelength instability for geophysical waves at arbitrary latitude
11:15-11:50	Yunqi Jiang	Nonlinear tension effects on an infinite elastic plate loaded with a linear shear current
12:00-13:30	Lunch (90 minutes)	
Chair	Yuchen He	
14:00-14:35	Amin Chabchoub	Generation of deterministic and directional rogue waves in a basin
14:35-15:10	Zhen Wang	Nonlinear deep water waves on shoaling area based on NLS
15:10-15:40	Coffee Break (30 minutes)	
15:40-16:15	Zhengzhi Deng	Nearshore bathymetry inversion and wave fields reconstruction based on physics-informed neural networks
16:15-16:50	Jing Li	Faraday instability based on a gap-resolved method
16:50-17:25	Wenhao Cheng	Evolution of capillary-gravity waves under the action of wind and dissipation
17:30-19:00	Dinner (90 minutes)	

January 7, 2026 - Wednesday

Time	Name	Title
7:30-8:30	Breakfast (60 minutes)	
Chair	Paul Milewski	
9:00-9:35	Magda Carr	Shoaling of internal solitary waves over rough sloping topography
9:35-10:10	Ted Johnson	The long-wave vorticity dynamics of coastal fronts
10:10-10:40	Coffee Break (30 minutes)	
10:40-11:15	Mark Blyth	Open channel flow over topography
11:15-11:50	Ramón G. Plaza	Viscous-dispersive shock profiles for isentropic compressible fluids of Korteweg type
12:00-13:30	Lunch (90 minutes)	
13:30-14:35	Free Discussion	
14:35-15:10		
15:10-15:40		
15:40-16:15		
16:15-16:50		
16:50-17:25		
17:30-19:00	Dinner (90 minutes)	

January 8, 2026 - Thursday

Time	Name	Title
7:30-8:30	Breakfast (60 minutes)	
Chair	Jean-Marc Vanden-Broeck	
9:00-9:35	Philippe Guyenne	Impact of mean water level on particle drift in shallow and intermediate depth
9:35-10:10	Mats Ehrnström	Rediscovering shallow water equations from experimental data
10:10-10:40	Coffee Break (30 minutes)	
10:40-11:15	Yanghan Meng	Air-blown waves on viscous liquid films: steady solutions, dynamics and the potential control strategy
11:15-11:50	Xin Guan	A numerical study on 3D gravity-capillary standing waves
12:00-13:30	Lunch (90 minutes)	
Chair	Zhen Wang	
14:00-14:35	Shuming Sun	Multi-solitary-wave solutions of a model equation for water waves
14:35-15:10	Mingyang Guan	Multi-scale dispersion from solutions to active particles
15:10-15:40	Coffee Break (30 minutes)	
15:40-16:15	Chen Wang	Dispersive effects on equatorial shallow-water shock waves
16:15-16:50	Enwei Zhang	Quasi-potential model for nonlinear wind-induced water waves and its application to air-sea interaction
16:50-17:25		
17:30-19:00	Dinner (90 minutes)	