			IWMO 2025 - Stanford University	
			June 30 - July 1, 2025	
			Red = Keynote, Blue = OYSA Candidate	
			Keynote presentations: 20 minutes + 5 minutes for questions/discussion	
			Other presentations: 15 minutes + 2 minutes for questions (Note that the talks may end before the end of some sessions)	
			Monday, June 30	
Start time	Duration	Moderator	Description	Speaker
8:00 AM	1:00	iviouerator	Breakfast/checkin	Speaker
9:00 AM		Oliver Fringer	Welcome	
9.UU AIVI	0.15	Onver Filliger	AACIOOHIC	
9:15 AM	1:00	Tal Ezer	Monday Session 1: Internal waves	
9:15 AM	0:25	101 2201	Three-Dimensional Shoaling and Breaking of Internal Solitary Waves over a Conical Island	Shuwen Tan (Keynote)
9:40 AM	0:17		Numerical experiments on internal waves excited by the surface waves	Takumi Nishikawa
9:57 AM	0:17		Vertical coordinate schemes for internal wave shoaling on a continental shelf	Chris Li
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10:15 AM	0:20		Break	
10:35 AM	0:55	Fei Chai	Monday Session 2: Surface waves	
10:35 AM	0:17	l el Chai	Parameterizing the surface-wave breaking in shallow water in wave-resolving simulations	Haruka Imamura
10.0074101	0.17		The Quantification of Wave–Current Interactions in a Tide-Dominated Harbour:	Taraka imamara
10:52 AM	0:17		A Fully Coupled Modeling Study of Darwin Harbour, Australia	Nazeat Ameen Iqra (Hybrid)
11:09 AM	0:17		Predicting significant wave height in Southwest South Atlantic Ocean with ConvLSTM neural network	Ricardo de Camargo
11:30 AM	1:30		Lunch + Workshop group photo	
1:00 PM	1:20	Huijie Xue	Monday Session 3: Coupled physical-biological processes	
1.001 101	1.20	i idijio Ado	Addressing uncertainty in modeling ocean physics and biogeochemistry in the California Current	
1:00 PM	0:25		System	Christopher A. Edwards (Keynote)
1:25 PM	0:17		Physical and biological processes and their impacts on oxygen minimum zone in the Indian Ocean	Fei Chai
1:42 PM	0:17		Beyond lethal temperatures: Factors behind the disappearance of chum salmon from their southern margins under climate change	Yu-Lin Eda Chang (Hybrid)
1:59 PM	0:17		Evaluation of seagrass as a nature-based solution for coastal protection in the German Wadden Sea under end of the century sea level rise projections	Benjamin Jacob (Hybrid)
2.20 DM	0.20		Prook	
2:20 PM	0:20		Break	

2:40 PM	0:55	Xiao Hua Wang	Monday Session 4: Global and basin-scale circulation	
		_	Attention-Enhanced, Multi-branch ResNet for Reconstruction and Source Attribution of Indonesian	
2:40 PM	0:17		Throughflow Variability	Huijie Xue
0.57.014	0.47		A Nested-Grid Modelling System for Simulating Circulation and Sea Ice over the Continental Shelf	lia Ohaaa
2:57 PM	0:17		off Eastern Canada	Jinyu Sheng
3:14 PM	0:17		Ocean Circulation with True Gravity due to Nonuniform Earth Mass Density	Peter C Chu
0.05.014	0.00		Perlamental transfer (Octobel Consisted)	
3:35 PM	2:00		Poster session + happy hour (See below for posters)	
5:35 PM			End of day, dinner on your own	
5.35 PIVI			End of day - dinner on your own	
			Tuesday, July 1	
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Start time	Duration		Description	Speaker
8:00 AM	1:00		Breakfast/checkin	Spound.
0.007441	1.00		STOCKHOU STOCKHII	
9:00 AM	1:20	Ricardo de Camargo	Tuesday Session 1: Mixing and submesoscale processes	
9:00 AM	0:25	•	Effects of Vertical Mixing on Submesoscale Fronts	Daniel Dauhajre (Keynote)
			On the genesis and development of coastal submesoscale eddies in the Northwestern Black Sea	
9:25 AM	0:17		shelf	Carolina Gramcianinov (Hybrid)
9:42 AM	0:17		Wind and Wave-induced mixing represented by the PWP ocean mixed layer model; Validation and Possible Improvement	Yutaka Yoshikawa
9:59 AM	0:17		Long-term variabilities of the summer circulation in an estuary-shelf system in the Northern South China Sea	Cheng Weicong (Hybrid)
10:20 AM	0:20		Break	
10:40 AM	1:00	Jinyu Sheng	Tuesday Session 2: Numerical methods	
10:40 AM	0:25		Navigating New Depths: Are High-Order Galerkin Methods a Pathway to Next-Generation Ocean Modeling?	Michal Kopera (Keynote)
11:05 AM	0:17		Hybrid vertical coordinates for modeling internal solitary waves	Brooke Pauken
11:22 AM	0:17		Investigating physical properties of the two-time stepping Euler forward Runge-Kutta schemes in the shallow water equations	Jia Wang (Hybrid)
11:40 AM	1:30		Lunch	
1:10 PM	1:25	Oliver B. Fringer	Tuesday Session 3: Estuaries and coasts	
1:10 PM	0:17		On the interaction between Atlantic Ocean variability and the dynamics of bays along the U.S. East coast	Tal Ezer
1:27 PM	0:17		Model-based assessment of sustainable adaptation options for an industrialised meso-tidal estuary	Johannes Pein (Hybrid)
1:44 PM	0:17		Modeling fluvial sediment transport and retention dynamics in the Ganges-Brahmaputra River system of Bangladesh	Numan Al Kibriya (Hybrid)

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2:01 PM	0:17		Sediment Transport Analysis for Planned Dredging and Beach Nourishment in Batemans Bay, NSW, Australia	Yuan Yuan (Hybrid)
2:18 PM	0:17		The Dependence of the Atlantic Meridional Overturning Circulation on Topography (Original talk: (Withdrawn) Wave-current interaction on turbulence mixing and sediment resuspension in muddy tidal flats, by Li Li)	Yaocheng Deng (Hybrid)
2.101 W	0.17		lival liato, by El El)	racellerig Berig (Hybrid)
2:35 PM	0:20		Break	
0.55 DM	4.40	Yutaka Yoshikawa	Tuesday Cassian 4: Casstal madeling matheda	
2:55 PM		Yutaka Yoshikawa	Tuesday Session 4: Coastal modeling methods	
2:55 PM	0:17		FOCCUS: Advancing Coastal Modeling for the Protection of European Coasts	Joanna Staneva (Hybrid)
3:12 PM	0:17		A relocatable ocean modelling case study of Quatsino Sound, British Columbia	Yuehua Lin
3:29 PM	0:17		Modelling the Climate-Change-Induced Major Floods on the Southeast Australian Coast	Xiao Hua Wang
3:46 PM	0:17		Toward digital twin of the regional earth system in the GBA	Jianping Gan (Hybrid)
4:05 PM	0:25		Break	
4:30 PM	1:00		OYSA Presentations, IWMO 2026, Special issue and concluding remarks	
5:30 PM	2:30		Social hour and dinner	
			Posters (3:35 PM - 5:35 PM, Monday, June 30)	
			(Changed to oral presentation) The Response of Antarctic Intermediate Water to Global Warming	Yaocheng Deng
			Optimizing the nonhydrostatic pressure solver in the SUNTANS model using the hypre library	Devin Dollery
			The Effects of Increasing the Coupling Frequency and Considering the Sublayer Temperature on the Simulation by CAS-ESM2	Xiao Dong
			Wind Modulation of Salinity Stratification Dynamics in a highly modified estuary	Xiaomei Ji
			Vertical coordinate schemes for internal wave shoaling on a continental shelf	Chris Li
			Hybrid vertical coordinates for modeling internal solitary waves	Brooke Pauken
			FOCCUS: Advancing Coastal Modeling for the Protection of European Coasts	Joanna Staneva
			Coupled Wave–Ocean Modeling (COAWST) of Willapa Bay and Grays Harbor WA	Walter Torres