

Agenda

Date	Event	Time	Venue
Nov. 18	Registration	10:00-19:00	Hotel Lobby, 1 st floor of Baiyun Building 迎宾馆白云楼一楼大厅
Nov. 19	Opening Ceremony & Conference	8:30-11:40	Songlin Conference Room, 2 nd floor of Baiyun Building 白云楼二楼松林厅
	Group Photo		Hongmian Square 红棉广场
	Poster Session & Tea Break	9:55-10:25	Songlin Conference Room & Lobby, 2 nd floor 二楼松林厅&大厅
	Lunch	12:10-13:00	Hongmian Restaurant, 1 st floor 一楼红棉厅
	Poster Session	13:00-14:00	Songlin Conference Room, 2 nd floor 二楼松林厅
	Parallel Meeting I	14:00-18:00	Songlin Conference Room, 2 nd floor 二楼松林厅
	Parallel Meeting II		Yiran Conference Room, 1 st floor of Bihai Building 碧海楼一楼怡然厅
	Poster Session & Tea Break	15:40-16:00	Songlin Conference Room & Lobby, 2 nd floor 二楼松林厅&大厅
	Dinner	18:00-20:00	Hongmian Restaurant, 1 st floor 一楼红棉厅
Nov. 20	Parallel Meeting I	8:30-11:55	Danxia Conference Room, 2 nd floor of Baiyun Building 白云楼二楼丹霞厅
	Parallel Meeting II		Songlin Conference Room, 2 nd floor 二楼松林厅
	Poster Session & Tea Break	10:05-10:25 10:15-10:35	Songlin Conference Room & Lobby, 2 nd floor 二楼松林厅&大厅
	Lunch	12:00-13:00	Hongmian Restaurant, 1 st floor 一楼红棉厅
	Conference & Closing Ceremony	14:00-17:00	Songlin Conference Room, 2 nd floor 二楼松林厅

Program

Sunday, Nov. 19, 2023

Opening Ceremony Chair: Chunzai Wang Venue: Songlin Conference Room, 2nd floor of Baiyun Building			
8:30-8:40	Welcome Remarks Speaker: Chaolun Li		
Chairs: Chunzai Wang and Xin Wang Invited talks: 25 minutes including 5 minutes of QA Other talks: 20 minutes including 5 minutes of QA			
BEIJING TIME	TITLE	SPEAKER	AFFILIATION
8:40-9:05	Zonal overturning cells in the equatorial region (Invited)	Ruixin Huang	Woods Hole Oceanographic Institution, USA
9:05-9:30	Radiatively-induced pattern dynamics (Invited)	Shang-Ping Xie	Scripps Institution of Oceanography, USA
9:30-9:55	Research progress on oceanic eddies (Invited)	Dake Chen	Second Institute of Oceanography, MNR
9:55-10:25	Group Photo Venue: Hongmian Square Poster Session & Tea Break Venue: Songlin Conference Room & Lobby, 2nd floor		
10:25-10:50	Observationally constrained nutrient budgeting reveals low pumping efficiency of mesoscale eddies in the oligotrophic ocean (Invited)	Minhan Dai	Xiamen University
10:50-11:15	Revisiting the inconsistent relation between ENSO and the equatorial Atlantic (Invited)	Ingo Richter	Japan Agency for Marine-Earth Science and Technology, Japan
11:15-11:40	Tropical Indian Ocean and its influences on ENSO and teleconnections to Africa (Invited)	Noel Keenlyside	University of Bergen, Norway
12:00-13:00	Lunch & Break Venue: Hongmian Restaurant, 1st floor of Baiyun Building		

13:00-14:00	Poster Session Venue: Songlin Conference Room, 2nd floor of Baiyun Building
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Sunday, Nov. 19, 2023

Parallel Meeting I Chairs: Shuqun Cai and Weiqiang Wang Venue: Songlin Conference Room, 2nd floor of Baiyun Building			
BEIJING TIME	TITLE	SPEAKER	AFFILIATION
14:00-14:25	A regime shift of the Kuroshio extension system after 2018 (Invited)	Bo Qiu	University of Hawaii, USA
14:25-14:50	A Marine Heat Wave (MHW) conditioning mode in the North Pacific and its two MHW variants (Invited)	Jin-Yi Yu	University of California, Irvine, USA
14:50-15:15	Interannual variation of the growing-season precipitation over the southeastern United States (Invited)	Wenhong Li	Duke University, USA
15:15-15:40	Tightening of tropical ascent area and tropical Pacific warming pattern (Invited)	Hui Su	The Hong Kong University of Science and Technology
15:40-16:00	Poster Session & Tea Break		
16:00-16:20	Triple-dip La Niña in 2020-23: Understanding the role of the annual cycle in tropical Pacific SST	Congwen Zhu	Chinese Academy of Meteorological Sciences
16:20-16:40	The important role of salinity effect in the multi-scale variability of Indonesian throughflow and Indo-Pacific interbasin exchange	Shijian Hu	Institute of Oceanology, CAS
16:40-17:00	Interbasin differences in variations of the Antarctic Circumpolar Current transport	Xuhua Cheng	Hohai University
17:00-17:20	Diagnosing the linear periodicity dynamics of ENSO for its two spatiotemporal modes	Hong-Li Ren	Chinese Academy of Meteorological Sciences

17:20-17:40	Drifting oceanic and atmospheric circulation driven by drifting meridional temperature gradients	Hu Yang	Southern Marine Science and Engineering Guangdong Laboratory (Zhuhai)
17:40-18:00	Deep-water near-inertial response to a typhoon on a continental slope in the northern South China Sea	Han Zhang	Second Institute of Oceanography, MNR
18:00-20:00	Dinner Venue: Hongmian Restaurant, 1st floor of Baiyun Building		
Parallel Meeting II Chairs: Jian Lin and Zhiyou Jing Venue: Yiran Conference Room, 1st floor of Bihai Building			
BEIJING TIME	TITLE	SPEAKER	AFFILIATION
14:00-14:25	Importance of air-sea coupling in predicting landfalling tropical cyclone intensity (Invited)	Chung Leung Johnny Chan	City University of Hong Kong
14:25-14:50	Enhanced vertical mixing for the formation of Luzon undercurrent (Invited)	Jianping Gan	The Hong Kong University of Science and Technology
14:50-15:15	Tortoises or hares – Characterizing the turbidity currents observed in the Manila Trench, South China Sea (Invited)	Jingping Xu	Southern University of Science and Technology
15:15-15:40	Effects of climate changes on extreme waves on the coast of China (Invited)	Zaijin You	Dalian Maritime University
15:40-16:00	Poster Session & Tea Break		
16:00-16:25	Interaction between Antarctic and lower latitudes (Invited)	Xichen Li	Institute of Atmospheric Physics, CAS
16:25-16:45	Contributions of SST in three tropical oceans to the seasonal western North Pacific anomalous anticyclone	Lu Dong	Ocean University of China
16:45-17:05	Volcanism triggered El Niño and multi-year La Niña during last millennium	Fei Liu	Sun Yat-sen University

17:05-17:25	Emergence of the central Atlantic Niño	Lei Zhang	South China Sea Institute of Oceanology, CAS
17:25-17:45	Seasonal advance of intense tropical cyclones in a warming climate	Fengfei Song	Ocean University of China
18:00-20:00	Dinner Venue: Hongmian Restaurant, 1st floor of Baiyun Building		

Monday, Nov. 20, 2023

Parallel Meeting I Chairs: Min Xu and Zhixin Zhang			
Venue: Danxia Conference Room, 2nd floor of Baiyun Building			
BEIJING TIME	TITLE	SPEAKER	AFFILIATION
8:30-8:55	International frontiers in global marine geological sciences and cooperation in hazard mitigation (Invited)	Jian Lin	South China Sea Institute of Oceanology, CAS
8:55-9:20	Seismic ocean thermometry using CTBTO hydrophones (Invited)	Wenbo Wu	Woods Hole Oceanographic Institution, USA
9:20-9:45	Typhoon-modulated sediment dynamics and sedimentation on the shelf of East China Sea (Invited)	Houjie Wang	Ocean University of China
9:45-10:05	The Earth's biggest volcano 'Tamü Massif' formed by plume-ridge interaction	Jinchang Zhang	South China Sea Institute of Oceanology, CAS
10:05-10:25	Poster Session & Tea Break		
10:25-10:50	Unravelling variability in range shift responses to climate change (Invited)	Jorge Garcia Molinos	Hokkaido University, Japan
10:50-11:15	Millennial climate oscillations regulate organic carbon yields from a young orogen (Invited)	Daidu Fan	Tongji University
11:15-11:35	Distribution of dissolved nitrous oxide and hydroxylamine in the northern South China Sea in summer	Li Zhang	Sun Yat-sen University

11:35-11:55	Sediment phosphorus effluxes and nitrogen-iron-sulfur cycling enhanced by chemoautotrophy in a deep-sea methane seep	Yuxuan Lin	The Hong Kong University of Science and Technology
12:00-13:00	Lunch & Break Venue: Hongmian Restaurant, 1st floor of Baiyun Building		
13:00-14:00	Poster Session Venue: Songlin Conference Room, 2nd floor of Baiyun Building		
Parallel Meeting II Chairs: Gengxin Chen & Kang Xu Venue: Songlin Conference Room, 2nd floor of Baiyun Building			
BEIJING TIME	TITLE	SPEAKER	AFFILIATION
8:30-8:55	Indian Ocean marine heatwaves: Genesis, trends and future perspectives (Invited)	Wen Zhou	Fudan University
8:55-9:15	Improving the prediction of western North Pacific summer precipitation using a Bayesian dynamic linear model	Wen Xing	South China Sea Institute of Oceanology, CAS
9:15-9:35	Seasonal predictions of the Indian Ocean dipole mode using model-analogs	Yanling Wu	Hohai University
9:35-9:55	Increased occurrences of consecutive La Niña events under global warming	Tao Geng	Laoshan Laboratory
9:55-10:15	The Pacific meridional mode cannot propagate southwestward to the equator	Yu Zhang	Ocean University of China
10:15-10:35	Tea Break & Poster Session		
10:35-10:55	Opposite-sign sea surface salinity anomalies over the tropical and subtropical South Atlantic Ocean from 2010 to 2017	Hao Liu	Institute of Oceanographic Instrumentation, Shandong Academy of Sciences
10:55-11:15	Recent interdecadal changes in the influence of ENSO on the East Asian summer monsoon	Tiantian Yu	Institute of Atmospheric Physics, CAS
11:15-11:35	Removing the effects of tropical dynamics from North Pacific climate variability	Yingying Zhao	Laoshan Laboratory

11:35-11:55	Climate change increases global risk of coral bleaching	Yulong Yao	South China Sea Institute of Oceanology, CAS
12:00-13:00	Lunch & Break Venue: Hongmian Restaurant, 1st floor of Baiyun Building		
13:00-14:00	Poster Session Venue: Songlin Conference Room, 2nd floor of Baiyun Building		
Main Conference Hall Chairs: Lei Zhang and Chunzai Wang Venue: Songlin Conference Room, 2nd floor of Baiyun Building			
BEIJING TIME	TITLE	SPEAKER	AFFILIATION
14:00-14:25	Wind Work on Oceanic Eddy Determined by Wind Stress Curl and Eddy Vorticity (Invited)	Changming Dong	Nanjing University of Information Science and Technology
14:25-14:45	Role of mixed layer depth in the location and development of the Northeast Pacific warm blobs	Jian Shi	Ocean University of China
14:45-15:05	Subsurface submesoscale processes stimulate vertical exchange between the ocean surface and interior	Haijin Cao	Hohai University
15:05-15:25	Irreversible mixing induced by geostrophic turbulence over the global ocean	Tongya Liu	Second Institute of Oceanography, MNR
15:25-15:45	Observed oceanic surface modes in the northern South China Sea	Qi Quan	East China Normal University
15:45-16:05	Mooring observed internal solitary waves in the Andaman Sea and their modulations by Kelvin waves from the equatorial Indian Ocean	Yunchao Yang	Ocean University of China
16:05-16:25	Vertical structures of marine heatwaves	Ying Zhang	South China Sea Institute of Oceanology, CAS

Closing Ceremony

16:25-17:00	Poster Award Announcement
	Summary Remark Acknowledgement