AGENDA
日 程 安 排

October 22 10月22日	
14:00-17:00	Registration 报到
October 23 10月23日	
9:00-9:30	Opening Ceremony of the 2026 International Industry-University-Research-Application Cooperation Conference - Shandong Branch Meeting 2026国际产学研用合作会议山东分会场会议开幕式 Venue: Multi-functioncalHall (ThirdFloor)（三楼多功能厅）
9:30-11:50	Industry-University-Research-Application Cooperation Conference Keynote Lectures 产学研用大会报告 Venue: Multi-functioncalHall (ThirdFloor)（三楼多功能厅）
13:00-16:00	Session: Observation and Modelling of Marine Cryosphere 专题报告：海洋冰冻圈的观测与模拟 Venue: Conference Room 2（学术报告厅2）
16:00-17:15	Session: Polar Marine Biogeochemical Cycles and Their Ecological and Environmental Effects 专题报告：极地海洋生物地球化学循环及其生态环境效应机制 Venue: Conference Room 2（学术报告厅2）
October 24 10月24日	
8:30-10:00	Session: Polar Ocean Dynamic Processes and Their Climate Effects 专题报告：极地海洋动力过程及其气候效应 Venue: Beijing Hall（北京厅）
10:15-11:45	Session: Polar-Tropical Interactions 专题报告：极地-热带相互作用 Venue: Beijing Hall（北京厅）
11:45-12:00	Discussion and Conclusion 总结与讨论

October 23
10月23日

Keynote Lecture
大会报告
Venue: Multi-functioncal Hall (Third Floor)（三楼多功能厅）

9:30	10:10	Xiaojun Yuan 袁小军 Columbia University	Multidecadal changes in the tropics drive predictability of Antarctic sea ice

Session: Observation and Modelling of Marine Cryosphere
专题报告：海洋冰冻圈的观测与模拟
Venue: Conference Room 2（学术报告厅2）

Host主持人: Jie Su 苏洁，Mingfeng Wang 王明锋

13:00	13:15	Xiangshan Tian-Kunze Alfred Wegener Institute	Long-term observations of sea ice thickness from SMOS and CryoSat-2 in the Arctic and Antarctic
13:15	13:30	Iuliia Radchenko Nansen International Environmental and Remote Sensing Centre	Robust model selection for Arctic sea ice: Reducing uncertainty in CMIP6 projections
13:30	13:45	Paul Spence University of Tasmania	Interannual variability of ocean heat content in the eastern Amundsen Sea controlled by wind
13:45	14:00	Bin Cheng 程斌 Finnish Meteorological Institute	Snow and ice thermodynamics in the changing climate: Modelling and observation
14:00	14:15	Zhaoru Zhang 张召儒 Shanghai Jiao Tong University	Impacts of Ocean–Ice shelf Interactions on Dense Shelf Water Formation in the Ross Sea
14:15	14:30	Shiming Xu 徐世明 Tsinghua University	Improving physical modelling of CryoSat-2 radar waveforms over sea ice using meter-scale topography
14:30	14:45	Yibin Ren 任沂斌 Institute of Oceanology, Chinese Academy of Sciences	Optimizing the spring predictability barrier in Arctic sea-ice prediction using artificial intelligence

AGENDA

14:45	15:00	Lijuan Lu 卢丽娟 Guangzhou Institute of Geochemistry, Chinese Academy of Sciences	Southern Ocean response to intensified Southern Hemisphere westerlies during the Last Interglacial
15:00	15:15		Tea Break
15:15 9:15	15:30 9:30	Gunnar Spreen University of Bremen	Variability and changes in Antarctic snow depth from satellite microwave radiometer observations 2002–2025 (Online)
15:30	15:45	Xi Zhao 赵羲 Sun Yat-sen University	Unexpected return of late-summer sea ice in the Pacific Arctic
15:45	16:00	Mingkun Liu 刘铭坤 Ocean University of China	Microwave sea surface temperature retrieval in the Arctic marginal ice zone based on a hybrid physical-deep learning model
Session: Polar Marine Biogeochemical Cycles and Their Ecological and Environmental Effects **专题报告：极地海洋生物地球化学循环及其生态环境效应机制** **Venue: Conference Room 2（学术报告厅2）** Host主持人: Xiaotong Xiao 肖晓彤，Yantao Liang 梁彦韬			
16:00	16:15	SeungIl Nam Korea Polar Research Institute	Into the Blue (i2B): Insights from past climates analogous to today's Arctic warming — Preliminary results of the 2026 *R/V* Kronprins Haakon Arctic Expedition
16:15	16:30	Ding He 何丁 The Hong Kong University of Science and Technology	Molecular fingerprints of oceanic refractory organic carbon: Polarity, isomerism, and terrestrial sources
16:30	16:45	Wee Cheah University of Malaya	Photophysiological and optical signatures of phytoplankton across Southern Ocean fronts
16:45	17:00	Kazuhiro Yoshida Saga University	Freezing and melting stress on the photophysiology of ice algae: *ex situ* incubation of ice algae using an ice tank
17:00	17:15	Meiaoxue Han 韩梅傲雪 First Institute of Oceanography, MNR	Light reshapes DNA virus-host interactions in Antarctic sea ice

October 24
10月24日

Session: Polar Ocean Dynamic Processes and Their Climate Effects
专题报告：极地海洋动力过程及其气候效应
Venue: Beijing Hall（北京厅）

Host主持人: Wenli Zhong 钟文理，Qiuxian Li 李秋娴

8:30 17:30	8:45 17:45	Camille Hankel University of Washington	Arctic sea ice meltwater as a forcing and feedback on the Atlantic Meridional Overturning Circulation (Online)
8:45 11:45	9:00 12:00	Yushan Qu 曲玉珊 University of New South Wales	Future responses of mesoscale eddy activity in subantarctic mode water formation regions (Online)
9:00	9:15	Igor Bashmachnikov St. Petersburg State University	Mesoscale and submesoscale eddies in the marginal ice zone of Arctic seas
9:15	9:30	Qi Shu 舒启 First Institute of Oceanography, MNR	Dynamical downscaling simulations and future projections of the Arctic Ocean
9:30	9:45	Dapeng Li 李大鹏 Ocean University of China	High-latitude Southern Ocean warming hotspot induced by ocean mesoscale eddies
9:45	10:00	Wandi Jing 景婉迪 Ocean University of China	Upper ocean salinity variability and impact in the Southeast Indian Subantarctic Mode Water formation region during the Argo era
10:00	10:15		Tea Break

Session: Polar-Tropical Interactions
专题报告：极地-热带相互作用
Venue: Beijing Hall（北京厅）

Host主持人: Fei Huang 黄菲，Jian Shi 石剑

10:15 19:15	10:30 19:30	Yunhe Wang 王云鹤 Institute of Oceanology, Chinese Academy of Sciences Qinghua Ding 丁庆华 UC Santa Barbara	Multiyear tropical warm pool warming drives slowdown in Antarctic mass loss (Online)
10:30	10:45	Emilia Kyung Jin Korea Polar Research Institute	Climate forcing and Antarctic cryospheric response: From shifting drivers to future glacier instability

AGENDA

10:45	11:00	Xichen Li 李熙晨 Peking University	Interaction between Southern Ocean and lower latitudes
11:00	11:15	Dasom Lee Korea Polar Research Institute	Strengthened causal influence of Antarctic sea ice on East Asian summer precipitation following the mid-2010s sea-ice regime shift
11:15	11:30	Xiaoming Hu 胡晓明 Sun Yat-sen University	Geographic origins of asymmetric polar amplification
11:30	11:45	Qiuxian Li 李秋娴 Ocean University of China	Revisiting the role of ocean circulation changes in polar ocean heat transport anomalies under global warming

Registration: 14:00-17:00 October 22, 2026

报到： 10月22日 14:00-17:00

Venue: Ocean University of China Academic Exchange Center

会议地点： 中国海洋大学学术交流中心

Address: No. 8, Hongdao Road, Shinan District, Qingdao City, Shandong Province

地址： 山东省青岛市市南区红岛路8号（近海大4号门）

Symposium Contact:

会议联系人：

Xiaowei Wang (Vivi) 王晓薇

Tel:+86-13969692846

pogoc@ouc.edu.cn