



科学与技术前沿论坛

论坛日程

此次论坛为期两天,共设置4个专题。详细日程如下所示:

15/04/2025, Tuesday (周二)			
08:30-09:00 (Beijing)	10:30-11:00 (Vladivostok)	Opening Ceremony & Group Photo (开幕式致辞及合照) Host (主持人): Grigory I. Dolgikh and Jing Zhang (张经)	
Theme 1. Ocean Dynamics and Climate Variability (专题一: 北太平洋的动力过程与气候系统的特点) Co-Chair (召集人): Fei Yu (于非) and Vyacheslav B. Lobanov			
09:00-09:25 (Beijing)	11:00-11:25 (Vladivostok)	Subarctic frontal zone in the western Pacific and mesoscale water dynamics	Vyacheslav B. Lobanov
09:25-09:50 (Beijing)	11:25-11:50 (Vladivostok)	New insights on ocean eddies and their impacts	Dake Chen (陈大可)
09:50-10:15 (Beijing)	11:50-12:15 (Vladivostok)	Current trends and regional characteristics of interannual variability in thermal conditions and salinity fields in the Pacific subarctic in the context of ongoing global warming and intensification of the hydrological cycle	Elena V. Dmitrieva
10:15-10:30 (Beijing)	12:15-12:30 (Vladivostok)	Coffee Break 茶歇 (15 min)	
10:30-10:55 (Beijing)	12:30-12:55 (Vladivostok)	The multi-scale variations of subsurface cold water mass in subarctic Pacific Region	Fei Yu (于非)
10:55-11:20 (Beijing)	12:55-13:20 (Vladivostok)	Lagrangian oceanography: observations, simulation and practical issues	Sergei V. Prants
11:20-11:45 (Beijing)	13:20-13:45 (Vladivostok)	Impacts of extreme events on Arctic climate variability	Xianyao Chen (陈显尧)
11:45-12:15 (Beijing)	13:45-14:15 (Vladivostok)	General Discussion of Theme 1 讨论 (30 min)	
12:15-14:00 (Beijing)	14:15-16:00 (Vladivostok)	Lunch Break 午餐/休息	



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Theme 2. Paleoceanography and Land-Sea Interaction

(专题二：古环境的变化与陆-海相互作用的格局)

Co-Chair (召集人): Yuriy P. Vasilenko and Tianyu Chen (陈天宇)

14:00-14:25 (Beijing)	16:00-16:25 (Vladivostok)	Late Quaternary environmental evolution of the Sea of Japan and its controlling mechanisms	Xuefa Shi (石学法)
14:25-14:50 (Beijing)	16:25-16:50 (Vladivostok)	Spatial differentiation variability of the sea ice and icebergs, hydrology and productivity in the Sea of the Okhotsk over the last 130 ka, linkages with the North Pacific Intermediate Water formation, Kamchatka glaciation and atmosphere circulation	Sergey A. Gorbarenko
14:50-15:15 (Beijing)	16:50-17:15 (Vladivostok)	Depositional and circulation changes at the Chukchi margin, Arctic Ocean, during the last two glacial cycles	Wenshen Xiao (肖文申)
15:15-15:30 (Beijing)	17:15-17:30 (Vladivostok)	Coffee Break 茶歇 (15 min)	
15:30-15:55 (Beijing)	17:30-17:55 (Vladivostok)	The role of organic matter distribution in gray sedimentary strata of the Lomonosov Ridge's Siberian slope (Arctic Ocean) in deciphering depositional conditions	Yuriy P. Vasilenko
15:55-16:20 (Beijing)	17:55-18:20 (Vladivostok)	Continental shelf as an important sink of climate-sensitive trace metals	Tianyu Chen (陈天宇)
16:20-16:45 (Beijing)	18:20-18:45 (Vladivostok)	Reflection of global orbital and millennial changes of hydrology and climate of the northwestern Pacific in the radiolarian record of sediment core from the Tenji Seamount over the last 88 kyr	Elena A. Yanchenko
16:45-17:15 (Beijing)	18:45-19:15 (Vladivostok)	General Discussion of Theme 2 讨论 (30 min)	
17:15-19:00 (Beijing)	19:15-21:00 (Vladivostok)	Dinner 晚餐	

16/04/2025, Wednesday (周三)

Theme 3. Ocean Biogeochemistry and Ecosystem Sustainability

(专题三：生物地球化学过程与生态系统的可持续性)

Co-chair (召集人): Sumei Liu (刘素美) and Pavel Ya. Tishchenko



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09:00-09:25 (Beijing)	11:00-11:25 (Vladivostok)	Processes controlling spatiotemporal dynamics of the sinks and sources of CO ₂ in the Far Eastern seas	Pavel Ya. Tishchenko
09:25-09:50 (Beijing)	11:25-11:50 (Vladivostok)	Chinese coastal ecosystem in the climate changing environment	Song Sun (孙松)
09:50-10:15 (Beijing)	11:50-12:15 (Vladivostok)	Impacts of submarine groundwater discharge on marine ecosystems in the East Siberian and Bering Seas	Alexander N. Charkin <i>Online</i>
10:15-10:30 (Beijing)	12:15-12:30 (Vladivostok)	Coffee Break 茶歇 (15 min)	
10:30-10:55 (Beijing)	12:30-12:55 (Vladivostok)	The ecosystem and physicochemical environment change of continental marginal seas	Sumei Liu (刘素美)
10:55-11:20 (Beijing)	12:55-13:20 (Vladivostok)	Influence of river runoff on the ecosystem of the coastal area of Eastern Kamchatka	Pavel Yu. Semkin
11:20-11:45 (Beijing)	13:20-13:45 (Vladivostok)	Carbon transport and acidification of the north Pacific subtropical mode water	Di Qi (祁第) <i>Online</i>
11:45-12:15 (Beijing)	13:45-14:15 (Vladivostok)	General Discussion of Theme 3 讨论 (30 min)	
12:15-14:00 (Beijing)	14:15-16:00 (Vladivostok)	Lunch Break 午餐/休息	
Theme 4. Discussion and Suggestions, Focused on the Action Plan (专题四：侧重海洋技术与发展趋势的讨论、建议与总结) Co-chair (召集人): Grigory I. Dolgikh and Jing Zhang (张经)			
14:00-15:30 (Beijing)	16:00-17:30 (Vladivostok)	1. Discussion on the “Hot Spots” of Climate Change and Ecosystems in the Northwest Pacific Ocean 2. Suggestions for the Joint Research Topics of Northwest Pacific Ocean between CAS and RAS	
15:30-15:45 (Beijing)	17:30-17:45 (Vladivostok)	Coffee Break 茶歇 (15 min)	
15:45-17:30 (Beijing)	17:45-19:30 (Vladivostok)	1. Synthesis of Scientific Presentations and Concluding Remarks by Session Co-chairs 2. Conclusion and Summary of Workshop with Prospects for the Future Development	
17:30-19:00 (Beijing)	19:30-21:00 (Vladivostok)	Dinner 晚餐	