

SCIENTIFIC AND BUSINESS CONFERENCE POLAR 2024

Host: Arctic and Antarctic Research Institute
38, Bering str., Saint-Petersburg

Date: May 16, 2024

<i>9:00 – 15:30</i>	<i>Registration of participants</i>
<i>10:00 – 12:00</i> <i>Big hall</i>	<p style="text-align: center;">ANTARCTIC SESSION «ANTARCTICA: WORK AT THE ENS OF THE EARTH»</p> <p>Antarctica is a unique territory with almost unlimited potential for the development of scientific projects and international cooperation. The infrastructural capabilities of the Russian Antarctic Expedition allow today to carry out a wide range of research that is important for the whole world. One of these sites could be the new wintering complex Vostok, created in partnership between the state and private capital in the coldest point on the planet. During the Antarctic session, leading scientists will talk about the results of scientific work and share conclusions about changes in the environment of Antarctica, as well as talk about plans to modernize the infrastructure of Russian stations.</p>
<i>12:00 – 12:30</i>	<i>Coffee-break</i>
<i>12:30 – 14:30</i> <i>Big hall</i>	<p style="text-align: center;">INTERNATIONAL SESSION «THE POLES OF ATTRACTION»</p> <p>Global warming affects all countries and continents. The mutual influence of low and high latitudes is becoming increasingly obvious. During the session, Russian and foreign experts will discuss the possibilities of developing international scientific projects in the Arctic and Antarctic. In particular, the prospects for cooperation between the BRICS countries at the poles, the successful experience of the Russian Scientific Center in the Spitsbergen archipelago and participation in the second Antarctic Circumnavigation Expedition (ACE), which is organized with the support of the Government of Brazil. Scientists will also share plans for the International Polar Year 2032-2033.</p>
<i>14:30 – 15:00</i>	<i>Coffee-break</i>
<i>15:00 – 17:00</i> <i>Middle hall</i>	<p style="text-align: center;">ARCTIC SESSION «SPITSBERGEN – TERRITORY OF OPORTUNITY FOR YOUNG SCIENTISTS»</p> <p>Studying changes in the environment of the Svalbard archipelago is important for understanding the mechanisms and predicting future changes in the Arctic environment. During the session, scientists will talk about the results of research, the work of the Russian Scientific Center in Spitsbergen and the introduction of new research methods, which are already contributing to the development of the scientific potential of young scientists.</p>

<p><i>15:00 – 17:00</i> <i>Big hall</i></p>	<p style="text-align: center;">ARCTIC SESSION «SYSTEM OF SPECIAL HYDROMETEOROLOGICAL SUPPORT OF MARINE OPERATIONS IN WATER AREA OF THE NORTHERN SEA ROUTE AND REQUIREMENTS FOR THIS SYSTEM»</p> <p>All year-round navigation along the Northern Sea Route (NSR)- why isn't it? What do the specialists of the Maritime Operations Headquarters and navigators actually face when organizing navigation along the NSR route in winter? Will artificial intelligence be used to predict ice and hydrometeorological conditions in the Arctic seas? During the session, the specialists will talk about the experience of organizing navigation in the Russian Arctic seas in winter and the prospects for the development of ship operations in the water area of the Northern Sea Transport Corridor in the future. They will discuss the effectiveness of the activities of the Maritime Operations Headquarters and the experience of the scientific and operational group in carrying out extra-late pilotage from east to west in February 2024. Experts will also discuss the possibility of launching an environmental monitoring program for the NSR, and the possible results of the project implementation on the preservation of the unique ecosystem of the Arctic region.</p>
<p><i>17:00 – 17:30</i></p>	<p><i>Coffee-break</i></p>
<p><i>17:00 – 18:00</i> <i>Big hall</i></p>	<p style="text-align: center;">SCREENING OF DOCUMENTARY FILM «THE NORTH POLE. RETURN»</p>
<p><i>18:00</i></p>	<p><i>Close of the Conference</i></p>