

IX INTERNATIONAL FORUM



PROGRAMME OF THE FORUM



ST. PETERBURG
December 5–7, 2019
www.forumarctic.com

GREETING PARTICIPANTS BY THE PRESIDENT OF IPO «ASSOCIATION OF POLAR EXPLORES» ARTUR CHILINGAROV



Dear colleagues!

I am sincerely glad to welcome you to St. Petersburg, which has become a center of attraction for people who cares about the future of the Arctic. The participants of the IX International Forum "Arctic: Present and the Future" have an important task - to form a public response to new approaches to regulating activities in the Arctic zone.

A new strategy, new mechanisms and incentives for the development of the polar region sets the legislative basis for state policy in the Arctic until 2035.

This will be discussed at the Forum, which has traditionally been the link between all parties interested in the development of the Arctic region, taking into account the current pace and models of interregional and cross-sectoral interaction, international cooperation.

The Arctic agenda is colossal. These are natural resources, economics, transport, climate, ecology, and the quality of life of people. And, of course, we will not ignore issues of the indigenous population of the Arctic. Its history, culture, languages, traditional way of life are humanitarian values, which should not be neglected.

The long-term practice of the Forum shows that everyone is ready for mutual constructive cooperation aimed at creating the future of the Arctic.

I wish you fruitful work, useful meetings and constructive results, which will be included in the annual public Resolution on the issues of socio-economic development of the Arctic zone of the Russian Federation!

*A. N. Chilingarov,
President of the Association of Polar Explorers,
Special Representative of the President of the Russian Federation
for international cooperation in the Arctic and Antarctic*

December 5, 2019

8:30 AM – 10:00 AM Registration		HALL
10:00 AM – 11:30 AM PLENARY SESSION		3
11:30 AM – 12:00 PM Break		
12:00 PM – 2:00 PM	■ Northern Sea Route. Part 1. Development of infrastructure and cargo transportation	4
	◆ Preservation of Arctic biodiversity	7
	◆ Prospects for Russian-American Cooperation in the Bering Strait Region	8
	◆ Geological exploration: interaction between the state and business in order to maintain Russia's dominance in mining in the Arctic	9
	■ In search of partners. Public-private partnership in the Russian Arctic	10
	● Key points of growth in the quality of life: the development of the Arctic municipalities	H22–23 (2nd floor)
	■ The Arctic as a unique testing ground for fundamental and applied research	H25–27 (2nd floor)
2:00 PM – 2:30 PM Break		
2:30 PM – 4:00 PM	■ Northern Sea Route. Part 2. Quality and safety of shipping	4
	◆ Ways to attract and retain qualified personnel in the Arctic	7
	■ Key issues of international cooperation in the polar region	8
	◆ Digital Arctic: Economics and Technology	9
	◆ Creating a favorable investment environment and tax incentives for key Arctic projects	10
	◆ Improving legislation and technology for construction in the Arctic conditions	H25–27 (2nd floor)
4:00 PM – 4:30 PM Break		
4:30 PM – 6:00 PM	◆ Indigenous peoples of the Arctic	4
	◆ Development of a the communication system in the Arctic zone of the Russian Federation	7
	■ The Arctic is my home: building a northern community	8
	■ Unified networking: key Arctic education centers	9
	■ Women in the Arctic	10
	◆ Development of a system of specially protected natural territories in the Russian Arctic	H22–23 (2nd floor)



December 6, 2019

9:30 AM – 10:00 AM Registration		HALL
10:00 AM – 12:00 PM PLENARY SESSION	REGIONS AS KEY PARTICIPANTS IN THE DEVELOPMENT OF THE ARCTIC ZONE OF THE RUSSIAN FEDERATION	3
12:00 PM – 12:30 PM Break		
12:30 PM – 2:00 PM	■ Building an integrated security and safety system in the Arctic	4
	■ Oil and gas projects: catalyst for development of the Arctic zone and Northern Sea Route	7
	■ On the way to the Clean Arctic: elimination of accumulated environmental damage in the Russian Arctic	8
	◆ Transport mobility in the Arctic: development of land and inland water transport in the Arctic	9
	◆ Key areas for international scientific cooperation in the Arctic	10
	■ Arctic for life: state social policy and social responsibility of business in the Arctic	H22-23 (2nd floor)
2:00 PM – 2:30 PM Break		
2:30 PM – 4:00 PM	◆ From icebreakers and tankers to updating the fishing fleet: how will the development of the Arctic zone be ensured?	4
	○ ASPOL Boarding meeting	7
	■ Sources of Efficiency: Integrated Arctic energy system development	8
	◆ Air communication in the Arctic: fleet renewal and development of the transport infrastructure	9
	■ Solid minerals mining: Government support opportunities and development of transport infrastructure	10
	◆ In extreme conditions: adaptation of equipment and technologies to Arctic conditions	H22-23 (2nd floor)
4:00 PM – 4:30 PM Break		
4:30 PM – 6:00 PM	■ About the Development Strategy of Arctic Zone of Russian Federation for the period until 2035 in the field of health-saving and improving the quality of life	7
	◆ Building an ecosystem of the small and medium enterprises in the Arctic	8
	◆ Agriculture and food industry in the Arctic: fisheries, livestock, crop production	9
	○ Board Meeting of the «National Arctic Scientific and Educational Consortium»	10
6:00 PM – 8:00 PM Furshet		
December 6, 2019 10:30 AM – 12:00 PM		CULTURAL PROGRAM

FIRST DAY

December 5, 2019

8:30 AM – 10:00 PM Registration

NEW HORIZONS OF STATE POLICY IN THE ARCTIC

Hall 3

10:00 AM – 11:30 AM

December 5, 2019

PLENARY SESSION

The integrated development of the Arctic macroregion is one of the key areas of Russian state policy.

Over the past decade, the strategic foundations for the development of the Arctic zone of the Russian Federation have been formulated. A coordinating government body – the State Commission for the Development of the Arctic – has been formed. Projects for the industrial development of natural resources have been launched and are being successfully implemented; transport and social infrastructure are developing. The Ministry of the Russian Federation for the Development of the Far East and the Arctic, that implements state development programs in the Arctic, has appeared.

The future of the Arctic zone of Russia depends on the effective implementation of the key tasks of state policy in the region:

- the formation of mechanisms to attract investment and support Arctic projects that take into account the needs of the Russian Arctic regions, systematic companies and contribute to the development of macroregion infrastructure;
- integrated development of the Northern Sea Route as a national transport highway, provided with an appropriate cargo base;
- improving living standards and creating comfortable conditions for living in the Arctic zone of the Russian Federation through effective social policies and implementation of national projects.

For the practical implementation of these tasks it is necessary to develop a broad dialogue and directed interaction between all levels and segments of state power and society.

ISSUES FOR DISCUSSION:

- State policy in the Arctic and improvement of the regulatory framework
- Creating good conditions for investing and doing business in the Arctic zone of the Russian Federation
- Implementation of national projects in the Arctic zone of the Russian Federation
- Mechanisms for improving the quality of life in the Arctic zone of the Russian Federation

11:30 AM – 12:00 PM Break

CONFERENCE «NORTHERN SEA ROUTE». PART 1. DEVELOPMENT OF INFRASTRUCTURE AND CARGO TRANSPORTATION

Hall 4

12:00 PM – 2:00 PM

December 5, 2019

PANEL SESSION

ISSUES FOR DISCUSSION:

- How to ensure cargo flow through the NSR up to 80 million tons?
- What infrastructure is needed for the Northern Sea Route and how to create it?
- What conditions are needed to attract investment in the development of the NSR?
- How to harmonize the development of the Northern Sea Route and coastal areas?
- What are the prospects for the NSR as an international transport corridor?

MODERATOR:

PAVLOVSKY I.A. Deputy Editor-in-Chief of IA REGNUM

PANELLISTS:

ELIZARIEV YU.V. Expert of the Analytical Center for the Government of the Russian Federation
FISHKIN D.O. Arctic Director, Agency for Far Eastern Investment Promotion and Export Support
KHARITONOV N.M. Chairman of the State Duma Committee on Regional Policy and Problems of the North and the Far East
KHAUSTOV A.V. Acting Head of the Federal State Budgetary Institution «Marine Service»
KHRUSHCHEV S.A. Director of the Department of State Policy and Regulation in the Field of Hydrometeorology, the Study of the Arctic, Antarctic and the World Ocean of the Ministry of Natural Resources and Ecology of the Russian Federation
KORNEEV S.E. Deputy Head of the Federal Agency for Tourism
KUBYSHKIN N.V. General Director of Arctic Shelf Consulting LLC
KUZNETSOVA O.A. First Deputy Governor of the Murmansk Region
PURIM D.YU. General Director of Sovfreight PJSC
RUKSHA V.V. Deputy General Director – Director of the Directorate of the Northern Sea Route of Rosatom State Corporation
ZUBAR YU.N. Deputy Chairman of the Government of the Kamchatka Territory
SHELEKHOV P.V. Practice of infrastructure and project financing PwC
SHIROKOV G.G. Chairman of the St. Petersburg Committee for Arctic Affairs
SHTYRBA A.V. General Director of Stevedory Yamal LLC
TSVETKOV YU.A. Deputy Minister of Transport of the Russian Federation

GEOLOGICAL EXPLORATION: INTERACTION BETWEEN THE STATE AND BUSINESS IN ORDER TO MAINTAIN RUSSIA'S DOMINANCE IN MINING IN THE ARCTIC

Hall 9

12:00 PM – 2:00 PM
December 5, 2019

WORKING SESSION

ISSUES FOR DISCUSSION:

- Key prospective areas for geological exploration in the Arctic
- State policy in the field of increasing the geological exploration of the Arctic zone of the Russian Federation
- Mechanisms for increasing the investment attractiveness of the geological study of the Arctic subsoil
- Forms of interaction between key mining companies and the state in the field of geological exploration
- Innovative technology and equipment for geological exploration in the Arctic

MODERATOR:

ORDENOV G.I. Member of the Committee of the Council of the Federation of the Russian Federation on agrarian-food policy and environmental management

PANELLISTS:

CHABDAROV A.M. Head of the Department of Natural Resources, Ecology and Agriculture of the Nenets Autonomous Okrug
CHERNYSHEVA O.N. Deputy Minister of Ecology and Environmental Management of the Krasnoyarsk Territory
GEKHAEV M.R. Deputy General Director of the Agency of the Far East for attracting investments and export support on the development of offshore projects
KEONGJAN V.P. General Director of Alliance Group LLC
MIKHAYLETS N.M. Head of the Department of Exploration and Development of the Resource Base of Gazprom Neft Shelf LLC
POHILENKO N.P. Scientific Director of the Institute of Geology and Mineralogy named after V.S. Sobolev Siberian Branch of the Russian Academy of Sciences
RUSSKOVA T.V. Deputy Minister of Development of Industry and Entrepreneurship of the Murmansk Region
SEMENOV I.YU. Executive Director of JSC First Mining Company
VOLKOV A.V. Head of the Laboratory of Geology of Ore Deposits named after Academician A.G. Betekhtin Institute of Geology of Ore Deposits, Petrography, Mineralogy, and Geochemistry

KEY POINTS OF GROWTH IN THE QUALITY OF LIFE: THE DEVELOPMENT OF THE ARCTIC MUNICIPALITIES

**Hall
H22-23**

12:00 PM – 2:00 PM
December 5, 2019

ROUND TABLE

ISSUES FOR DISCUSSION:

- How to create a comfortable living environment in the Arctic?
- Formation of revenue sources of the budget of municipalities and improvement of inter-budget relations
- The role of city-forming enterprises in the development of the Arctic
- Development of infrastructure of Arctic settlements

MODERATOR:

SHATOHIN D.A. Member of the Committee of the Council of the Russian Federation on budget and financial markets

PANELLISTS:

BACHERIKOV O.V. Deputy Head of the Administration of the MO «Severodvinsk» for financial and economic issues
BELAK O.O. Head of the Defense Ministry «City of Naryan-Mar»
DANKIN M.A. Head of Arctic Projects, Far East Development Corporation JSC
GILYAROV A.G. Head of the administration of the city of Apatity
GRISHIN I.I. Head of the Onega Municipal District
GURIN YU.V. Head of the city of Dudinka
GURYEY I.V. Head of Administration of the State Enterprise «Vorkuta»
ILYINA I.N. Director of the Institute for Regional Studies and Urban Planning, HSE
KRUTIKOV A.V. Deputy Minister of the Russian Federation for the Development of the Far East and the Arctic
MAKHNEV D.V. Associate Professor, Department of State and Municipal Management, North-West Institute of Management, RANEPa under the President of the Russian Federation
SOMOV S.B. Head of Administration of the Municipal Organization «Urban Okrug Kovdor District»
VERSHININ E.V. Head of the Taimyr Dolgan-Nenets Municipal District

THE ARCTIC AS A UNIQUE TESTING GROUND FOR FUNDAMENTAL AND APPLIED RESEARCH

**Hall
H25-27**

12:00 PM – 2:00 PM
December 5, 2019

PANEL SESSION

ISSUES FOR DISCUSSION:

- Priority areas of basic research of the Russian Arctic
- Money question: how to optimize funding for Arctic research?
- Applied scientific developments for the development of the Arctic zone of the Russian Federation
- Cooperation of researchers: exchange of experience in the field of Arctic science

MODERATOR:

ASHIK I.M. Deputy Director for Research, AARI

PANELLISTS:

ESEEV M.K. Vice-rector for scientific and innovative development of NArFU
FEDOTOV A.S. Permanent Representative of the Republic of Sakha (Yakutia) to the President of the Russian Federation
FILATOV N.N. Director of the Institute of Water Problems of the North, Karelian Scientific Center, RAS
GERGILEV D.N. Deputy Minister of Education of the Krasnoyarsk Territory
KIKNADZE O.E. Head of the Laboratory for Remote Monitoring of National Research Center «Kurchatov Institute»



KORNEEV O.YU.	Deputy Head of the Federal State Budgetary Institution «North-West Administration for Hydrometeorology and Environmental Monitoring»
MAKAROV A.S.	Director of AARI
MASLOBOEV V.A.	Advisor to the Chairman of the Kola Science Center RAS
NADYKTO A.B.	Chief Researcher, MSTU «STANKIN»
NIKOLAEV A.N.	Rector of NEFU
OSTARKOV N.A.	Head of the Arctic direction of ANO «Vostokgosplan»
POSEPEKHOV D.V.	Head of the Department for Coordination and Support of Activities of State Scientific Centers of the Department of Innovations and Advanced Studies of the Ministry of Education and Science of Russia
VALCHOVSKY V.	Associate Professor, Institute of Oceanology, Polish Academy of Sciences

PRESERVATION OF THE ARCTIC BIODIVERSITY

Hall 7

12:00 PM – 2:00 PM

December 5, 2019

WORKING SESSION

ISSUES FOR DISCUSSION:

- State initiatives in the field of biodiversity preservation in the Arctic zone of the Russian Federation
- Activities of systematic companies to preserve the nature of the Russian Arctic
- Studies of the current state of flora and fauna and the forecast of possible changes under the influence of anthropogenic load
- Measures to protect rare ecosystems and rare species of plants and animals of the Arctic
- The use of new technologies in the study of wildlife in the Arctic

MODERATOR:

BURMATOV V.V. Chairman of the State Duma Committee on Ecology and Environmental Protection

PANELLISTS:

BUROV V.G.	Head of the Department for Supervision in the Field of Hunting and Specially Protected Natural Areas
DEMIDOVA N.A.	Deputy director for scientific work, FBU «SevNIILH»
GONTAR O.B.	Acting director of Polar-Alpine Botanical Garden Institute of the Kola Science Center
KIRILOV A.G.	Director of the Russian Arctic National Park
KOSHOVSKAYA V.S.	Assistant to the Head of the Energy Department for Legal Affairs, Greenpeace Council
LEBEDEVA E.S.	Deputy Director – Head of the Department of Industrial Safety, Labor and Environmental Protection in Exploration and Production of Rosneft Oil Company
MATISHOV G.G.	Scientific Director of the Southern Scientific Center of the Russian Academy of Sciences
STISHOV M.S.	Chief Project Coordinator, World Wide Fund for Nature (WWF) Russia
TISHKOV A.A.	Deputy Director for Scientific Issues, Institute of Geography, Russian Academy of Sciences
VLADIMIROV A.V.	Head of the Sustainable Development Department of Yamal LNG OJSC

IN SEARCH OF PARTNERS. PUBLIC-PRIVATE PARTNERSHIP IN THE RUSSIAN ARCTIC

Hall 10

12:00 PM – 2:00 PM

December 5, 2019

PANEL SESSION

ISSUES FOR DISCUSSION:

- Improving state policy in the field of PPP
- What forms of PPP are most appropriate for the development of infrastructure in the Arctic zone?
- Risk protection: necessary financial mechanisms to support a private partner
- How does the state control a private partner?
- Successful regional projects for the implementation of public-private partnerships

MODERATOR:

LIPINA S.A.

Deputy Chairman of the Council for the Study of Productive Forces

PANELLISTS:

CHICHKANOV V.P.

Advisor to the President of the Russian Academy of Sciences

FADEEV A.M.

Program Manager for Offshore Projects Promotion, Gazpromneft-Sakhalin LLC

FEDOROV A.V.

General Director of Murmansk Region Development Corporation

FILIPPOV D.D.

Minister of Industry and Enterprise Development of the Murmansk Region

KOLBASOV A.S.

Expert of the Center for the Development of Regional Policy Foundation

SMYAGLIKOVA E.A.

Vice-rector for work with branches and international activity of "Admiral Makarov SUMIS"

TSYKALOV A.G.

Deputy Chairman of the Government of the Krasnoyarsk Territory

ZAKONDYRIN A.E.

General Director of the Association of Developers of Environmental Technologies and Environmental Initiatives

ZVORYKINA YU.V.

Director of ANO Vnesheconombank Institute

PROSPECTS FOR RUSSIAN-AMERICAN COOPERATION IN THE BERING REGION

Hall 8

12:00 PM – 2:00 PM
December 5, 2019

WORKING SESSION

MODERATOR:

POGODAEV M.A.

Deputy Minister for the Development of the Arctic and Northern Affairs of the Republic of Sakha (Yakutia)

PANELLISTS:

FUS P.

President of the Board of Directors of Alaska Maritime Exchange

KORCHUNOV N.V.

Ambassador-at-Large of The Ministry of Foreign Affairs of the Russian Federation

KRASNOPOLSKY B.KH.

Chief Researcher, Institute of Economic Research, Far Eastern Branch of the Russian Academy of Sciences

KRIVOROTOV A.K.

Member of the Expert Council of the Russian-Norwegian scientific and educational consortium in the field of international energy business, member of the non-profit organization RSMD

OTKE A. I.

member of the Federation Council Committee on Social Policy, President of the Association of Indigenous Peoples of Chukotka

2:00 PM – 2:30 PM Break

CONFERENCE «NORTHERN SEA ROUTE». PART 2. QUALITY AND SAFETY OF SHIPPING

Hall 4

2:30 PM – 4:00 PM
December 5, 2019

PANEL SESSION

ISSUES FOR DISCUSSION:

- When will the year-round use of the NSR be ensured?
- How to increase the efficiency of icebreaker assistance?
- How to improve the quality of shipping in the Arctic?
- What will be done for emergency and navigational and hydro-graphic support of the NSR?
- What technologies are needed to ensure the safety of shipping in the Arctic?
- Hydrometeorological support for navigation

MODERATOR:

PAVLOVSKY I.A. Deputy Editor-in-Chief of IA REGNUM

PANELLISTS:

BARYSHNIKOV S.O. Rector of Admiral Makarov State University of Maritime and Inland Shipping

BRESTKIN S.V. Head of the Center for Ice Hydrometeorological Information FSBI «AANII»

GAIDA K.A. Director of the FSUE «Rosmorport» Arkhangelsk Branch

IRLITSA L.A. First Deputy General Director of FSUE Atomflot

KHAUSTOV A.V. Acting Head of the Federal State Budgetary Institution «Marine Service»

KHRUSHCHEV S.A. Director of the Department of State Policy and Regulation in the Field of Hydrometeorology, the Study of the Arctic, Antarctic and the World Ocean of the Ministry of Natural Resources and Ecology of the Russian Federation

KUBYSHKIN N.V. General Director of Arctic Shelf Consulting LLC

SARITSKY S.N. Deputy Head of the Federal Service for Supervision in the Field of Transport

TSVETKOV YU.A. Deputy Minister of Transport of the Russian Federation

DIGITAL ARCTIC: ECONOMICS AND TECHNOLOGY

Hall 9

2:30 PM – 4:00 PM

December 5, 2019

WORKING SESSION

ISSUES FOR DISCUSSION:

- Legal regulation and state support for the development of the digital economy
- What opportunities can the digital economy provide for Arctic residents?
- How to synchronize the work of government and business in the digitalization of the Arctic?
- The introduction of digital technology in the activities of industrial enterprises in the Arctic
- Infocommunication support for the development of the digital economy in the Russian Arctic

MODERATOR:

ZVORYKINA YU.V. Director of ANO Vnesheconombank Institute

PANELLISTS:

BOKOVA L.N. First Deputy Chairman of the Committee of the Council of the Federation on Constitutional Legislation and State Building

DOLGOV K.K. Deputy Chairman of the Council of the Federation Committee on Economic Policy

DUDNIKOV D.I. Head of the Department of Geodesy and Cartography of Rosreestr

DUTTA D. Advisor, Department of Science and Technology, Government of India

KIRYUSHINA E.V. Director of the Arctic Connect project, PJSC Megafon

KOZLOVSKY D.S. Head of the Information and Analytical Center for Subsoil Use FSBI «VIMS»

MASTIN M.S. Project Manager, ITMO HAYPARK JSC

PESTRYAKOV A.A. Chairman of the Norilsk City Council of Deputies

VORONIN A.V. Rector of Petrozavodsk State University

ZORIN A.V. Regional Policy Director, ANO «Digital Economy»

IMPROVING LEGISLATION AND TECHNOLOGY FOR CONSTRUCTION IN THE ARCTIC CONDITIONS

**Hall
H25-27**

2:30 PM – 4:00 PM
December 5, 2019

WORKING SESSION

ISSUES FOR DISCUSSION:

- Improving the regulatory framework related to the construction and operation of buildings and structures in the polar macroregion
- Ensuring the safe operation of residential buildings and structures in the Arctic zone of the Russian Federation
- The influence of permafrost on the technology of construction of roads, buildings and structures in the Arctic
- Modern technologies and materials for construction in harsh climate
- Features of the construction and operation of buildings and structures, as well as transport infrastructure in the Arctic
- Global warming and permafrost thaw: risk assessment for construction projects
- Technical regulation of construction technologies in the Arctic

MODERATOR:

ILYICHEV V.A. Vice-President for Innovation, Russian Academy of Architecture and Building Sciences

PANELLISTS:

CHULBA P.S. Technical specialist of the Association «RAPET»

GRAVIT M.V. Associate Professor of the Higher School of Industrial-Civil and Road Construction of St. Petersburg State Polytechnic University of Peter the Great

KERIMOV A.G. Director of the Research Center for the Study of Permafrost “ECOFUNDAMENT” named after M.V. Kim

KONSTANTINOV A.YU. President of GIS Management Company JSC

SAKHAROV I.I. Professor, St. Petersburg State University of Architecture and Civil Engineering

SHPECTOR I.L. President of the Union of Cities of the Arctic and the Far North of Russia

VALYAGIN V.V. Head of the Department for Support of Oil and Gas Contracts, Department of Banking Support for Contracts of Gazprombank JSC

VYLITOK A.V. Advisor to the Administration of the Russian University of Transport

ZAKHARINSKY YU.N. Head of the Department for Integrated Arctic Studies of the Siberian Federal University

ZOLOTOV YU.M. Director of the NGO “Arctic Fund for Advanced Projects and Research”

KEY ISSUES OF INTERNATIONAL COOPERATION IN THE POLAR REGION

Hall 8

2:30 PM – 4:00 PM
December 5, 2019

PANEL SESSION

ISSUES FOR DISCUSSION:

- International projects in the Arctic region
- Russia's participation in international partnership institutions
- Cross-border cooperation between Russian regions included in the Russian Arctic, and the Arctic countries
- Arctic agenda of «third countries»
- International business-projects in the Arctic region
- Provision of security of Arctic exploration
- Cooperation in the field of sustainable development of the Arctic
- Prospects for international cooperation in the development of Arctic mineral fields, the implementation of major infrastructure projects, the development of energy

MODERATOR:

KORCHUNOV N.V. Ambassador-at-Large of the MFA Russia



PANELLISTS:

BURENKOV P.V.	Minister of Economic Development and Industry of the Republic of Karelia
KOKORIN A.O.	Director of the Climate and Energy Program of WWF Russia
JUTTA WARK	Director of the Department of Northern and Polar Relations, Department of Foreign Affairs, Canada
PIVNENKO V.I.	First Deputy Chairman of the Committee on Regional Policy and Problems of the North and the Far East
PREMJIT S.	Ambassador Extraordinary and Plenipotentiary of the Republic of Singapore
RAKHMANOV A.O.	President of United Shipbuilding Corporation
SOLYAKOV O.V.	Assistant to the Ministry of the Russian Federation for the Development of the Far East and the Arctic
ULJAS A.	Business Development Director, Cinia Oy
VENKATESH VARMA D.B.	Ambassador of the Republic of India to the Russian Federation
VUORIMAKI P.	Finnish Foreign Minister for Arctic and Antarctic Issues , Senior Official, Representing Finland in the Arctic Council
ZHAO L.	Professor of Beijing Normal University

WAYS TO ATTRACT AND RETAIN QUALIFIED PERSONNEL IN THE ARCTIC

Hall 7

2:30 PM – 4:00 PM
December 5, 2019

WORKING SESSION

ISSUES FOR DISCUSSION:

- State training programs for the Arctic zone of the Russian Federation: needs, key areas
- Establishment of targeted training for the effective distribution of graduates in priority areas of work in the Arctic
- Mechanisms to increase the attractiveness of the Arctic for highly qualified specialists
- Personnel programs of key enterprises in the Arctic zone: enterprises, universities and authorities

MODERATOR:

AKIMOV A.K.	Deputy Chairman of the Committee of the Council of the Federation on the Federal Structure, Regional Policy, Local Government and Northern Affairs
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PANELLISTS:

GRINNIK M.A.	Secretary of the Federation of Independent Trade Unions of Russia, Representative of the FNPR in the NWFD
ILCHENKO A.B.	Assistant to the Head of the Federal Agency for Youth Affairs
KOSOVICH V.S.	Deputy Chairman of the All-Russian Professional Union of Workers in the Oil and Gas Industries and Construction
KUZIN YU.A.	Head of the administration of the city of Kirovsk
PERVUKHIN A.L.	Chairman of the Murmansk Regional Council of Trade Unions
PILYASOV A.N.	General Director of ANO «Institute of Regional Consulting», Professor, Moscow State University Lomonosov
SOKOLOV V.N.	Director of the Institute «Marine Academy» of the State University of the Sea and River Fleet named after Admiral S.O. Makarov
ZAKHAROV A.V.	Assistant to the Ministry of the Russian Federation for the Development of the Far East and the Arctic

CREATING A FAVORABLE INVESTMENT ENVIRONMENT AND TAX INCENTIVES FOR KEY ARCTIC PROJECTS

Hall 10

2:30 PM – 4:00 PM
December 5, 2019

WORKING SESSION

ISSUES FOR DISCUSSION:

- Mechanisms for attracting investment in key projects of the Arctic zone of the Russian Federation
- Creating the conditions for doing business and implementing investment projects in the Arctic zone
- About the draft law «On state support of investment activity in the Arctic zone of the Russian Federation»
- Promising Arctic investment projects

MODERATOR:

KHARITONOV N.M. Chairman of the State Duma Committee on Regional Policy and Problems of the North and the Far East
ROMANENKOV R.L. Deputy General Director for Legal, Corporate and Property Issues, Gazprom Neft Shelf LLC

PANELLISTS:

KONDUKOV P.S. Director of the Department of Tax and Legal Consulting, KPMG in Russia and the CIS
KRAVCHENKO D.B. Deputy Chairman of the Committee on Economic Policy, Industry, Innovative Development and Entrepreneurship
KRUTIKOV A.V. Deputy Minister of the Russian Federation for the Development of the Far East and the Arctic
RUSSKOVA T.V. Deputy Minister of Development of Industry and Entrepreneurship of the Murmansk Region
VERKHUSHINA YU.V. Head of the Tourism Agency of the Krasnoyarsk Territory

4:00 PM – 4:30 PM Break

THE ARCTIC IS MY HOME: BUILDING A NORTHERN COMMUNITY

Hall 8

4:30 PM – 6:00 PM
December 5, 2019

PANEL SESSION

ISSUES FOR DISCUSSION:

- Creating favorable conditions for comfortable living in the polar region
- Cultural and creative projects for residents of the northern regions
- Development of domestic tourism and interest in northern nature
- The legacy of the Arctic as the basis for the education of the younger generation and the unification of society

MODERATOR:

ANANSIKH I.A. First Deputy Chairman of the State Duma Committee on Energy

PANELLISTS:

ABRYUTIN F.M. Artistic Director of the Golden Crow Arctic Film Festival
CHIBIZOVA A.M. Assistant Professor, RANEPa under the President of the Russian Federation
DVORKIN B.G. Producer of the project “Unknown Heroes of the North”
KORYAKIN S.V. Director of the Great Arctic Regatta
KRUGLIKOVA E.N. Co-chair of the All-Russian Public Organization
LAKHNO O.V. Producer of the Golden Crow International Arctic Film Festival
MIKULSKAYA V.D. Director of the Nomadic Culture Festival of the Peoples of Russia “Call of the Earth”
MODENOV V.A. Director of the Arctic-SG Foundation, Advisor to the Secretary of State of the Union State
PAVLOVA S.A. Professor, RANEPa under the President of the Russian Federation, expert of the Committee on Food Policy and Land Relations of the Council of the Russian Federation



ARCTIC: TODAY AND THE FUTURE

St. Petersburg

POPOVA L.YU.	Director of the Taimyr House of Folk Art
SKUCHAS P.P.	Associate Professor of St. Petersburg State University (SPbSU), Doctor of Biological Sciences
VAKHRUNOVA A.V.	Head of the Strategic Project "Time to BE"

DEVELOPMENT OF A COMMUNICATION SYSTEM IN THE ARCTIC ZONE OF THE RUSSIAN FEDERATION

**Hall
H22-23**

4:30 PM – 6:00 PM
December 5, 2019

PANEL SESSION

ISSUES FOR DISCUSSION:

- What should be the information and telecommunication infrastructure of the Arctic zone of the Russian Federation and how to create it?
- How to provide access to modern, reliable and inexpensive communication services throughout the Arctic?
- What are the prospects for creating a space group to provide communications in the Arctic zone of the Russian Federation?
- The development of fiber optic lines in the Arctic
- What should be telecommunication equipment to work in extreme conditions?

MODERATOR:

KONIK L.G. General director, chief editor of publications, group of companies COMNEWS

PANELLISTS:

BUIDINOV E.V.	Deputy General Director for the Development and Operation of Communication Systems, FSUE «Space Communication»
CHAMARA D.P.	Chairman of the Committee on Informatization and Communications of St. Petersburg
DIORDIEV M.N.	Director for Development and Application of JSC "SATELLITE SYSTEM" GONETS "
GARAJA N.V.	Advisor to the General Director of JSC «SATELLITE SYSTEM» GONETS «
IVANOV V.N.	Advisor to the General Director of Omsk Scientific-Research Institute of Instrument Engineering (JSC ONIIP)
KIRYUSHINA E.V.	Director of the Arctic Connect project, PJSC Megafon
KOZLOV V.A.	Head of the working group of the International Academy of Communications in the Arctic
KUZOVNIKOV A.V.	Deputy General Designer for the development of space systems, the overall design and control of spacecraft of JSC «Information Satellite Systems» named after academician M.F. Reshetnyova
KUZMICHEV A.P.	Chief Specialist of FSBI « AARI»
LUKIN K.I.	General Director of Supertel DALs STC HBRTS, JSC
RASPOPIN N.A.	Minister of Krasnoyarsk Territory Development
SOLYAKOV O.V.	Assistant to the Ministry of the Russian Federation for the Development of the Far East and the Arctic
ZHURAVEL S.YU.	Business Development Manager, NEC Neva Communication Systems (NEC)

DEVELOPMENT OF A THE SYSTEM OF SPECIALLY PROTECTED NATURAL TERRITORIES IN THE RUSSIAN ARCTIC

Hall 7

4:30 PM – 6:00 PM
December 5, 2019

WORKING SESSION

ISSUES FOR DISCUSSION:

- Improving legislative regulation in the field of economic activity in the territory of protected areas
- Regulation of economic activities, works of indigenous peoples of the North
- Development and support of ecological tourism in the territory of protected areas
- Opportunities for increasing state support and financing of the system of Specially Protected Natural Areas
- International cooperation in the field of preservation of the unique nature of the Arctic
- Activities of the largest Arctic companies to support protected areas in the regions of presence

MODERATOR:

KREVER V.G. Scientific director of the biodiversity conservation program of the World Wide Fund for Nature (WWF) of Russia

PANELLISTS:

BAKHAREV P.N. Director of the Federal State Budgetary Institution «Vishersky State Reserve»
BARYSHNIKOV A.V. Director of the FSBI Information and Analytical Center for Support of Conservation
BERLINSKY V.V. Director of the Gydansky State Nature Reserve
KHAMENKOVA EV Institute of Biological Problems of the North FEB RAS
KIRILOV A.G. Director, Russian Arctic National Park
KREINDLIN M.L. Program Manager for Protected Areas of Greenpeace Russia
NIKORA E.V. Deputy Governor of the Murmansk Region
PAVLOV A.N. First Deputy Minister of Natural Resources and Ecology of the Republic of Karelia
PESTRYAKOV A.A. Chairman of the Norilsk City Council of Deputies

UNIFIED NETWORKING: KEY ARCTIC EDUCATION CENTERS

Hall 9

4:30 PM – 6:00 PM
December 5, 2019

PANEL SESSION

ISSUES FOR DISCUSSION:

- Enhancing the attractiveness of Arctic universities
- Digital Education Development
- Coordination of directions of education and priority projects for the development of the Arctic
- The role of universities in the formation of support zones for the development of the Arctic
- Combining the potential of the entire network of Russian universities to solve the problems of social and economic development of the Arctic

MODERATOR:

KUDRYASHOVA E.V. Rector of the Northern (Arctic) Federal University named after M.V. Lomonosova

PANELLISTS:

DEMCHENKO O.N. First Deputy Governor of the Murmansk Region
KULLERUD L. President of the University of the Arctic
MAKSIMENKO A.F. Vice-Rector for Scientific and International Work, Russian State University of Oil and Gas (NRU) named after I.M. Gubkina
NIKOLAEV A.N. Rector of the North-Eastern Federal University named after M.K. Ammosova
SABUROV A.A. Director of the Arctic Center for Strategic Studies, NArFU
SHAMAKHOV V.A. Director of the Northwest Institute of Management, RANEPa
SMIRNOV A.S. First Deputy Head of the St. Petersburg University of the State Fire Service EMERCOM of Russia
SMYAGLIKOVA E.A. Vice-Rector for Work with Branches and International Activities of “Admiral Makarov SUMIS”
VASYOKHA M.V. Director of the Institute of Arctic Technologies



Hall 10

4:30 PM – 6:00 PM
December 5, 2019

WOMEN IN THE ARCTIC

PANEL SESSION

ISSUES FOR DISCUSSION:

- Social support for Arctic women
- Reducing the pay gap between men and women and ensuring women's access to leadership positions
- The role of women in the modern development of the Arctic
- Women-researchers in the Arctic as an example for the younger generation

MODERATOR:

ZLENKO E.G. Member of the Committee of the Council of the Federation on Agrarian and Food Policy and Environmental Management

PANELLISTS:

BESHCHINSKA-MOELLERA. Doctor of Science, Institute of Oceanology, Polish Academy of Sciences

IGNATIEVA S.S. Rector of the Arctic State Institute of Culture and Arts

LIPINA S.A. Deputy Chairman – Head of the World Ocean and Arctic Branch of the Council for the Study of Productive Forces

VEISALOVA N.G. First Vice-President of the Association of Indigenous Minorities of the North, Siberia and the Far East

WORK J. Director, Department of Northern and Polar Relations, Department of Foreign Affairs, Canada

Hall 4

4:30 PM – 6:00 PM
December 5, 2019

INDIGENOUS PEOPLES OF THE ARCTIC

WORKING SESSION

ISSUES FOR DISCUSSION:

- Improving the legislation on guarantees of the rights of indigenous peoples of the Russian Federation
- The participation of indigenous peoples in resolving issues affecting their rights and interests
- Preservation of the original habitat and development of land and economic institutions of indigenous peoples
- Culture and ethnosaving forms of education of indigenous peoples of the Russian Federation
- The effectiveness of state support in relation to persons leading a traditional lifestyle and carrying out traditional types of economic activity
- Public-private partnership in the field of socio-economic development of indigenous peoples of the Russian Federation

MODERATOR:

TIMOSHKOV S.N. Advisor to the Head of the Federal Agency for Nationalities

PANELLISTS:

DORDINA Y.YU. Corporate Social Responsibility Manager, Yamal LNG OJSC

GALUSHINA R.F. Member of the Committee of the Council of the Federation on Agrarian and Food Policy and Environmental Management

KISELEV S.V. Minister of National and Regional Policy of the Republic of Karelia

LEDKOV G.P. President of the Association of Indigenous Minorities of the North, Siberia and the Far East of the Russian Federation, Deputy Chairman of the Committee on Nationalities of the State Duma of the Russian Federation

MISHIN M.N. Deputy Head of the Federal Agency for Nationalities

OTKE A.I. Member of the Committee of the Council of the Russian Federation on social policy

POGODAEV M.A. Deputy Minister for the Development of the Arctic and Northern Affairs of the Republic of Sakha (Yakutia)

YAUNGAD E.KH. President of the Regional Public Movement «Association of Indigenous Minorities of the North of Yamal to Descendants», Chairman of the Committee of the Legislative Assembly of the Yamal-Nenets Autonomous Okrug on State Structure, Local Self-Government and Public Relations

SECOND DAY

December 6, 2019

8:30 AM – 10:00 PM Registration

REGIONS AS KEY PARTICIPANTS IN THE DEVELOPMENT OF THE ARCTIC ZONE OF THE RUSSIAN FEDERATION

Hall 3

10:00 AM – 12:00 AM
December 6, 2019

PLENARY SESSION

ISSUES FOR DISCUSSION:

- The Arctic regions: resources and opportunities, strategic potential, perspectives and development goals
- International non-governmental interaction in the northern regions: agenda, formats, participants
- Digital transformation characteristics of the economy and social sphere in the Arctic regions
- The role of municipalities in the development of the Arctic zone of Russia
- Creation and development of social infrastructure in the Arctic territories

MODERATOR:

KRUTIKOV A.V. Deputy Minister of the Russian Federation for the Development of the Far East and the Arctic

PANELLISTS:

ALSUFIEV A.V. First Deputy Governor of the Arkhangelsk Region – Chairman of the Government

BATANOV E.V. Vice-Governor of St. Petersburg

CHIBIS A.V. Governor of the Murmansk Region

CHILINGAROV A.N. Special Representative of the President of the Russian Federation for International Cooperation in the Arctic and Antarctic

KOPIN R.V. Governor-Chairman of the Government of the Chukotka Autonomous Region

LAZAREV K.G. Deputy Prime Minister of the Komi Republic – Minister of Energy, Housing and Utilities and Tariffs

MAZHAROV A.V. Deputy Governor of the Yamalo-Nenets Autonomous Okrug, Director of the Department of External Relations of the Yamalo-Nenets Autonomous Okrug

RODIONOV D.A. Deputy Prime Minister of the Government of the Republic of Karelia for Economic Affairs

TSYBULSKY A.V. Governor of the Nenets Autonomous Okrug

12:00 PM – 12:30 PM Break

OIL AND GAS PROJECTS: CATALYST FOR DEVELOPMENT OF THE ARCTIC ZONE AND NORTHERN SEA ROUTE

Hall 7

12:30 PM – 2:00 PM
December 6, 2019

PANEL SESSION

ISSUES FOR DISCUSSION:

- Priority hydrocarbon development projects in the Arctic
- Expansion of hydrocarbon production on the Arctic shelf and ways to reduce the cost of oil and gas production in the Arctic
- Prospects for Russian cooperation with foreign partners in the production and processing of oil and gas in the Arctic
- Promising Arctic hydrocarbon markets
- Formation of attractive tax and infrastructure conditions to stimulate the development of new fields by oil and gas companies

MODERATOR:

FISHKIN D.O.

Arctic Director, Agency for Far Eastern Investment Promotion and Export Support

VLASOV A.A.

Head of the Department of Import Substitution and Technological Development of Gazprom Neft Shelf LLC

PANELLISTS:

ANTONOV YA.I.

Head of the Project "Technological Partnership for Geological Exploration", Gazprom Neft Shelf LLC

BOGOYAVLENSKIY V.I.

Deputy Director of the Institute of Oil and Gas Problems of the Russian Academy of Sciences, member of the Expert Council for the Arctic and Antarctic under the Council of the Russian Federation

BREKHUNTSOV AM.

Director of the Scientific and Technical Center of the MNP «GEODATA»

CHURKIN G.YU.

Deputy Director of ANO Industrial Risk Research Agency

KHRUSHCHEV S.A.

Director of the Department of State Policy and Regulation in the Field of Hydrometeorology, the Study of the Arctic, Antarctic and World Ocean of the Ministry of Natural Resources of Russia

KRUTIKOV A.V.

Deputy Minister of the Russian Federation for the Development of the Far East and the Arctic

MEDVEDEVA T.YU.

Head of the Subsoil Use Information Support Section, VNIIOkeangeologiya

RALF F.

Vice President, C-Core (USA)

SOROKIN P.YU.

Deputy Minister of Energy of the Russian Federation

TRANSPORT MOBILITY IN THE ARCTIC: DEVELOPMENT OF LAND AND INLAND WATER TRANSPORT IN THE ARCTIC

Hall 9

12:30 PM – 2:00 PM

December 6, 2019

WORKING SESSION

ISSUES FOR DISCUSSION:

- How to connect the Arctic territories with seaports?
- How to synchronize the development of infrastructure with the directions of freight flows?
- What railway infrastructure is needed for the Russian Arctic?
- What are the challenges for the modernization of roads in the Arctic regions?
- How to increase the efficiency of inland waterways?
- What equipment is needed for the Arctic?
- How to attract investment in transport projects?

MODERATOR:

ZVORYKINA YU.V.

Director of ANO Vnesheconombank Institute

PANELLISTS:

CHUPROV K.V.

Head of PKU Uprдор "Kholmogory"

DIMITROV K.N.

Minister of Transport of the Krasnoyarsk Territory

FEDOTOV A.S.

Permanent Representative of the Republic of Sakha (Yakutia) to the President of the Russian Federation

FILIPPOVA N.V.

Associate professor of MADI

IVANOV V.I.

Acting chief engineer of the Oktyabrskaya road

KAMENIR N.V.

Head of the North-Western Territorial Administration of Roszheldor

KAYDALOV A.A.

Minister for Road Management, Transport and Communications of the Republic of Karelia

KELBAKH S.V.

Advisor to the General Director of Russian Railways

KRAFT YA.S.

General Director of Yamal Railway

MARKOV S.A.

Deputy Head of PKU Uprдор «Kola»

SHATOKHIN D.A.

Member of the Committee of the Council of the Russian Federation on budget and financial markets

SHEPITKO T.V.

Director of the Institute of Roads, Construction and Structures of RUT (MIIT)

SOSNIN D.A.

Minister of Transport and Road Facilities of the Murmansk Region

VYLITOK A.V.

Advisor to the Administration of the RUT (MIIT)

ARCTIC FOR LIFE: STATE SOCIAL POLICY AND SOCIAL RESPONSIBILITY OF BUSINESS IN THE ARCTIC

**Hall
H22-23**

12:30 PM – 2:00 PM
December 6, 2019

PANEL SESSION

ISSUES FOR DISCUSSION:

- Implementation of state social programs in the Arctic
- Mechanisms for the development of social infrastructure
- Support and development of social programs
- Support and improving the quality of life of socially disadvantaged groups
- Social responsibility of business: opportunities for developing cooperation with federal and regional authorities

MODERATOR:

PIVNENKO V.N. First Deputy Chairman of the State Duma Committee on Regional Policy and Problems of the North and the Far East

PANELLISTS:

DORDINA Y.YU. Corporate Social Responsibility Manager, Yamal LNG OJSC
KUZIN YU.A. Head of the administration of the city of Kirovsk
LUKINA V.B. President of the Association of Cultural Figures for the Support and Development of Talented Youth
MYAKISHEV S.B. Minister of Social Development of the Murmansk Region
OTKE A.I. Member of the Committee of the Council of the Russian Federation on social policy
RYKOVA I.N. Head of the Center for Industrial Economics, Federal State Budgetary Institution Scientific Research Financial Institute, Ministry of Finance of the Russian Federation
SOLONNIKOV D.V. Director, Institute of Contemporary State Development
SHPECTOR I.L. President of the Union of Cities of the Arctic and the Far North of Russia
ZAKHAROV A.V. Assistant to the Ministry of the Russian Federation for the Development of the Far East and the Arctic

KEY AREAS FOR INTERNATIONAL SCIENTIFIC COOPERATION IN THE ARCTIC

Hall 10

12:30 PM – 2:00 PM
December 6, 2019

WORKING SESSION

ISSUES FOR DISCUSSION:

- International scientific and educational projects aimed at exploring the Arctic
- Simplification of mechanisms for joint international research in the Arctic
- Expeditionary activity development
- Expanded Circumpolar Mobility
- Creation of a single database on the ecosystem of the region
- Collaboration on climate change and its consequences recommendations
- Consolidation of the resources of the Arctic research communities

MODERATOR:

KALININA M.R. Advisor to the Rector for International Cooperation of the Northern (Arctic) Federal University named after M.V. Lomonosov, Vice President of the University of the Arctic Interregional Cooperation
SOLYAKOV O.V. Assistant to the Ministry of the Russian Federation for the Development of the Far East and the Arctic

PANELLISTS:

ANDERSEN H.J. Senior Advisor, Norwegian Science Council
ASHIK I.M. Deputy Director for Research, FSBI «AANII»
BESZCZYNSKA-MOELLER A. Doctor of Science, Institute of Oceanology, Polish Academy of Sciences
GLOWACKI P. Chairman of the polar research committee of the Polish Academy of Sciences



KOVDA I.V.	Head of the Department for Coordinating the Activities of Institutions in the Field of Engineering and Earth Sciences of the Ministry of Science and Higher Education of the Russian Federation
PODOPLEKIN A.O.	Deputy Director for International Cooperation, FIC KIA RAS
RYBKIN V.G.	First Deputy General Director for Public Relations and State Bodies of the Certification Association «Russian Register»
SMYAGLIKOVA E.A.	Vice-rector for work with branches and international activity of "Admiral Makarov SUMIS"

ON THE WAY TO THE CLEAN ARCTIC: ELIMINATION OF ACCUMULATED ENVIRONMENTAL DAMAGE IN THE RUSSIAN ARCTIC

Hall 8

12:30 PM – 2:00 PM
December 6, 2019

PANEL SESSION

ISSUES FOR DISCUSSION:

- State policy on the elimination of accumulated environmental damage
- Prospects for the implementation of the priority project «Clean Country»
- Improving legislation in the field of strengthening liability for abandoned objects that damage environment, and determining the owner of such objects
- Responsibility of subsoil users for the reclamation of territories for the placement of mining waste
- Elimination of accumulated damage from industrial and military activities
- Formation of an effective waste management and recycling system in the Arctic: specifics and solutions

MODERATOR:

PUSHKAREV V.A. Deputy Chairman of the State Duma Committee on Regional Policy and Problems of the North and the Far East

PANELLISTS:

AFANASYEV S.M.	Minister of Ecology, Nature Management and Forestry of the Republic of Sakha (Yakutia)
BRYKSEKOV A.A.	Deputy Director of the Representative Office of the Russian State Hydrometeorological University
GRIGORYEV A.V.	Project Manager, International Technical Assistance, Project Office, Center for International Programs and Projects in the Field of Radioactive Waste (RW), Spent Nuclear Fuel (SNF) and Nuclear and Radiation Hazardous Facilities (SE NROO), Rosatom State Corporation
KARGINOV S.G.	First Deputy Chairman of the State Duma Committee on Regional Policy and Problems of the North and the Far East
KULIKOV I.V.	Director of the FBI «Murmansk FMC»
MARTYNENKO S.M.	Deputy Head of the Department of Normative Development, PJSC NOVATEK
NIKORA E.V.	Deputy Governor of the Murmansk Region
POLSHVEDKIN R.V.	Minister of Natural Resources and Environmental Protection of the Komi Republic Government of the Komi Republic
SOLOVYANOV A.A.	Acting Director of the All-Russian Research Institute of Ecology
URZHUMTSEV S.N.	Deputy Director of the Department of State Policy and Regulation in the Field of Hydrometeorology, the Study of the Arctic, Antarctic and World Ocean of the Ministry of Natural Resources of Russia

BUILDING AN INTEGRATED SECURITY AND SAFETY SYSTEM IN THE ARCTIC

Hall 4

12:30 PM – 2:00 PM
December 6, 2019

PANEL SESSION

ISSUES FOR DISCUSSION:

- What challenges and threats exist in the Polar region?
- What should be the architecture for integrated security in the Arctic?
- What technologies are needed to ensure security in the Russian Arctic?

MODERATOR:

KARLOV G.A.

Member of the State Duma Committee on Security and Anti-Corruption

PANELLISTS:

BREVENOV A.V.

Deputy Head of the Main Directorate for Transport of the Ministry of Internal Affairs of Russia

IVKOV V.I.

Deputy Head of the Department for the Development of Civilian Products, NWRC Concern East Kazakhstan Almaz-Antey JSC ZRTO

KISLYAK S.I.

First Deputy Chairman of the Federation Council Committee on Foreign Affairs

MASLOV S.V.

Head of the Frontier Directorate of the Federal Security Service of Russia for the Western Arctic Region

MOISEEV A.A.

Commander of the Northern Fleet

MOSYAGIN I.G.

Head of the medical service of the High Command of the Navy

SERGUNIN A.A.

Professor, FMO, St. Petersburg State University

SOKOLOV A.V.

Deputy Head of the Department for Analysis, Organization and Development of a Unified Technical Policy and Measures for Anticriminal Protection of the Objects of the Main Directorate of Private Security of the Russian Guard

SULIMA T.G.

Head of the Department of Advanced Technologies, Department of Educational, Scientific and Technical Activities, EMERCOM of Russia

2:00 PM – 2:30 PM Break

AIR COMMUNICATION IN THE ARCTIC: FLEET RENEWAL AND DEVELOPMENT OF THE TRANSPORT INFRASTRUCTURE

Hall 9

2:30 PM – 4:00 PM
December 6, 2019

WORKING SESSION

ISSUES FOR DISCUSSION:

- When and how will the airport infrastructure be upgraded?
- How to set up fair subsidies for air travel in the Arctic?
- How to update the fleet?
- What aerotechnics is needed for the Arctic?

MODERATOR:

KOREN A.V.

Director General, Center for Strategic Research in Civil Aviation

PANELLISTS:

ANTSIFEROV S.A.

General Director of Vityaz Aviation Corporation LLC

DENISOVA U.YU.

Deputy General Director for Program Management

PJSC AVIATION

Complex named after S.V. Ilyushin

DIMITROV K.N.

Minister of Transport of the Krasnoyarsk Territory*

KOTKIN S.N.

Member of the State Duma Committee on Regional Policy and Problems of the North and the Far East

MIKHEEV V.R.

Head of the Department for Competitive Analysis of Helicopter Engineering and Marketing of Promising Projects of Helicopters of Russia JSC

POPOV A.N.

Head of the Department of the Faculty of Engineering and Airfield Support of the Air Force Military Research Center «Air Force Academy»

YADROV D.V.

Deputy Head of the Federal Agency for Air Transport

VORONOV V.V.

Director of the Center for Advanced Research, LLC «Kronstadt Group»



SOLID MINERALS MINING: GOVERNMENT SUPPORT OPPORTUNITIES AND DEVELOPMENT OF TRANSPORT INFRASTRUCTURE

Hall 10

2:30 PM – 4:00 PM
December 6, 2019

PANEL SESSION

ISSUES FOR DISCUSSION:

- Improving the regulatory framework for subsoil use in the Arctic zone
- Investment attractiveness of Russian subsoil in the Arctic: a system of incentive measures and support for business entities
- Geological exploration: the search for previously undeveloped fields of solid minerals and the identification of fields of unconventional geological and industrial types
- Efficient development of solid minerals fields: modern technologies for the extraction, processing and enrichment of the mineral and raw material base
- Destination: solid mineral transportation issues

MODERATOR:

MATISHOV G.G. Scientific Director of the Southern Scientific Center of the Russian Academy of Sciences

PANELLISTS:

DAVYDOV K.A. Head of the North-West Department of Rostekhnadzor

FILIPPOV D.D. Minister of Development of Industry and Entrepreneurship of the Murmansk Region

FISHKIN D.O. Arctic Director, Agency for Far Eastern Investment Promotion and Export Support

GALTSEVA N.V. Deputy Director for Research, FSBI of Science North-East Complex Research Institute named after Shilo N.V. of the Far Eastern Branch of the Russian Academy of Sciences

RUSSKOVA T.V. Deputy Minister of Development of Industry and Entrepreneurship of the Murmansk Region

SEMENOV I.YU. Executive Director of JSC First Mining Company

SHEVCHUK A.V. Head of the Department of Environmental Management and Ecology of the Council for the Study of the Productive Forces of the Military Transport Aviation Ministry of Economic Development of Russia

ZAKHARINSKY YU.N. Head of the Department for Integrated Arctic Studies of the Siberian Federal University

ZHIGALOV V.I. Deputy Director for Innovation and Investment, RFNC-VNIIEF

FROM ICEBREAKERS AND TANKERS TO UPDATING THE FISHING FLEET: HOW WILL THE DEVELOPMENT OF THE ARCTIC ZONE BE ENSURED?

Hall 4

2:30 PM – 4:00 PM
December 6, 2019

WORKING SESSION

The session was organized jointly with the St. Petersburg Arctic Affairs Committee.

ISSUES FOR DISCUSSION:

- What measures is the government taking to support shipbuilding?
- What icebreakers and tankers are needed to support Arctic projects?
- Development of shipbuilding and ship repair in the Arctic regions
- Building of the fishing fleet
- Prospects for the use of LNG for shipping in the Arctic

MODERATOR:

MALYSHEVA N.YU. Editor-in-chief of PortNews Media Group

PANELLISTS:

BOYTSOV V.B. Vice President for Technical Development, USC

CHUGUNOV V.V. General Director of Arctic Marine Technologies LLC

IRLITSA L.A.	First Deputy General Director of FSUE Atomflot
KUZNETSOVA O.A.	Deputy Governor of the Murmansk Region
PANTELEEV S.M.	Member of the State Duma Committee on Economic Policy, Industry, Innovative Development and Entrepreneurship
SHIROKOV G.G.	Chairman of the St. Petersburg Committee for Arctic Affairs
SOLYAKOV O.V.	Assistant to the Ministry of the Russian Federation for the Development of the Far East and the Arctic
STRUGOV V.I.	Deputy General Director for Fleet, FSUE «Rosmorport»
TOROPOV E.E.	Chief designer of JSC Central Design Bureau MT Rubin
TURICHIN G.A.	Rector of SMTU

SOURCES OF EFFICIENCY: INTEGRATED ARCTIC ENERGY SYSTEM DEVELOPMENT

Hall 8

2:30 PM – 4:00 PM
December 6, 2019

PANEL SESSION

ISSUES FOR DISCUSSION:

- State policy in the field of providing energy to the Arctic zone of the Russian Federation
- Distributed energy: how to provide energy to isolated territories?
- Alternative methods of energy supply to the subjects of the Arctic zone
- Decarbonization: the possibility of using renewable energies in the Russian Arctic
- Reliability of Arctic energy supply: equipment monitoring and control systems
- New ways of generating and storing energy in the Arctic

MODERATOR:

ELISTRATOV V.V.	Director of the Scientific and Educational Center for Renewable Energy Sources SPbPU
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PANELLISTS:

BORISOGLEBSKAYA L.N.	Vice-Rector for Scientific, Design and Innovative Activities, Oryol State University named after I.S. Turgenev
GULIEV I.A.	Deputy director of MIEP MGIMO
EGORYCHEV O.O.	President of the Association APSEO
IVANOVA I.YU.	Head of the Laboratory for the Supply of Decentralized Consumers, Institute of Energy Systems named after L.A. Melentyev SB RAS
MARYANDYSHEV P.A.	Director of the Higher School of Energy, Oil and Gas NARFU
NIKORA E.V.	Deputy Governor of the Murmansk region
REMIGA A.A.	Minister of Investment, Industry and Transport of the Komi Republic
SIRAZETDINOV O.V.	Director for low power projects and complete deliveries of equipment of JSC Rusatom Overseas

IN EXTREME CONDITIONS: ADAPTATION OF EQUIPMENT AND TECHNOLOGIES TO ARCTIC CONDITIONS

Hall H22-23

2:30 PM – 4:00 PM
December 6, 2019

WORKING SESSION

ISSUES FOR DISCUSSION:

- Creation of small business support infrastructure in the Arctic regions
- Problems and needs of small and medium enterprises in the Arctic regions
- Tax incentives and mechanisms for stimulating investment activity in the Arctic
- Supporting entrepreneurship of indigenous peoples
- The development of social entrepreneurship in the Arctic zone of the Russian Federation
- Far-reaching measures to support SMEs in the Arctic



ARCTIC: TODAY AND THE FUTURE

St. Petersburg

MODERATOR:

KUPRIKOV N.M. Chairman of the Technical Committee for Standardization 187 "Research in the Polar Regions" Rosstandart, Director of ANO SIC "Polar Initiative"

PANELLISTS:

BLOKHIN A.N. Head of the Research Laboratory Special Machines and Mechanisms Nizhny Novgorod State Technical University named after R.E. Alekseeva

BORISOGLEBSKAYA L.N. Acting Vice-Rector for Scientific, Design and Innovative Activities, Oryol State University named after I.S. Turgenev

KOMASHINSKY V.I. Deputy Director for Research Federal State Budgetary Institution "Institute of Transport Problems named after N.S. Solomenko of the Russian Academy of Sciences

LEBEDEV M.P. Chairman of the Federal Research Center "Yakutsk Scientific Center of the SB RAS"

PRONIN A.N. Acting Director of FSUE VNIIM named after D.I. Mendeleev

SILAKOV V.N. Vice-president of the Association for the Promotion of Entrepreneurship «St. Petersburg Interregional Information and Business Center»

TROSHIN V.A. Honorary Architect of Russia, Chairman of the Commission on Arctic and Antarctic Problems of the International Academy of Architecture and the St. Petersburg Union of Architects

VASILOV R.G. Deputy Head of the NBIKS Complex – Nature-Like Technologies of the Research Center «Kurchatov Institute»

ZAZIMKO V.N. Executive Director, Association "Composite Cluster of St. Petersburg"

4:00 PM – 4:30 PM Break

BUILDING AN ECOSYSTEM OF THE SMALL AND MEDIUM ENTERPRISES IN THE ARCTIC

Hall 8

4:30 PM – 6:00 PM
December 6, 2019

WORKING SESSION

ISSUES FOR DISCUSSION:

- Creation of small business support infrastructure in the Arctic regions
- Problems and needs of small and medium enterprises in the Arctic regions
- Tax incentives and mechanisms for stimulating investment activity in the Arctic
- Supporting entrepreneurship of indigenous peoples
- The development of social entrepreneurship in the Arctic zone of the Russian Federation
- Far-reaching measures to support SMEs in the Arctic

MODERATOR:

KHODACHEK A.M. President, Higher School of Economics in St. Petersburg

PANELLISTS:

BATTAKHOV P.P. Advisor to the Chairman, Yakut Scientific Center of the SB RAS

KOSTENKO O.N. Deputy Minister of Development of Industry and Entrepreneurship of the Murmansk Region

MURAVYOV I.B. Executive Director of the Leningrad Regional Chamber of Commerce

OSTARKOV N.A. Head of the Arctic direction of ANO «Vostokgosplan»

PLEKHOV K.A. Acting Minister of Economy of the Komi Republic

ULANOVA T.S. Chairman of the Murmansk regional branch of OPORA Russia

ZHIGAREV S.A. Chairman of the State Duma Committee of the Federal Assembly of the Russian Federation for Economic Policy, Industry, Innovative Development and Entrepreneurship

AGRICULTURE AND FOOD INDUSTRY IN THE ARCTIC: FISHERIES, LIVESTOCK, CROP PRODUCTION

Hall 9

4:30 PM – 6:00 PM
December 6, 2019

WORKING SESSION

ISSUES FOR DISCUSSION:

- The state and capabilities of the agricultural sector of the Arctic zone of the Russian Federation
- Innovative projects and technologies for the development of the agro-industrial complex of the macroregion
- Prospects for Arctic fisheries
- New technologies, projects and solutions for the development of agribusiness in the Arctic regions
- Arctic fisheries: problems and growth points
- Hunting and traditional livelihoods of the Arctic zone of the Russian Federation

PANELLISTS:

BORISOV E.A. Deputy Chairman of the Committee of the Council of the Federation on Agrarian and Food Policy and Environmental Management

MODERATOR:

ELISEEV V.V. General Director of Sumy Salmon-Whitefish Nursery LLC

GALINOVSKAYA E.A. Leading Researcher, The Institute of Legislation and Comparative Law under the Government of the Russian Federation

IVANOVA V.N. Rector of Moscow State Technical University K.G. Razumovsky (PKU)

NOVOSYOLOV A.P. Director of the Institute for Integrated Arctic Studies, FIC KIA RAS

PANOVA G.G. Head of the Department of Plant Physiology and Bioproductivity of Agroecosystems, Federal State Budget Scientific Institution «Agrophysical Research Institute»

YANCHENKO Z.A. Director of the Research Institute of Agriculture and Ecology of the Arctic

VLADIMIROV L.N. Acting Director of the Yakutsk Research Institute of Agriculture of the Siberian Branch of the Russian Agricultural Academy

ABOUT THE DEVELOPMENT STRATEGY OF ARCTIC ZONE OF RUSSIAN FEDERATION FOR THE PERIOD UNTIL 2035 IN THE FIELD OF HEALTH-SAVING AND IMPROVING THE QUALITY OF LIFE

Hall 7

4:30 PM – 6:00 PM
December 6, 2019

PANEL SESSION

A meeting of the public commission of the Association of Polar Explorers in the area of Arctic Medicine will be held within the Section

ISSUES FOR DISCUSSION:

- State programmes of the subjects of the Russian Federation on the development of Arctic medicine
- Modernization of existing healthcare institutions and optimization of their network
- Actual problems of protecting the health of children and adolescents living in the Russian Arctic
- The development of telemedicine and mobile healthcare in the Arctic
- New approaches and medical technologies to improve the quality of life of residents of the Russian Arctic
- Disease Prevention and Implementation of Healthy Lifestyle Programmes
- Medical support for the activities of sailors, specialists in the oil and gas industry and other persons working in harmful conditions
- The development of air ambulance
- Medical staffing



MODERATOR:

BOBROVNITSKY I.P.

Vice-President of the Association of Polar Explorers, Chairman of the Public Commission for Arctic Medicine, Chairman of the Commission for Medical Problems of the Arctic, Scientific Council of the Department of Medical Sciences of the Russian Academy of Sciences

PANELLISTS:

AFTANAS L.I.

Director of the Research Institute of Physiology and Fundamental Medicine SB RAMS

CHASHCHIN M.V.

Head of the Research Laboratory of Arctic Medicine North-West State Medical University named after I.I. Mechnikova, North-Western State Medical University

CHERNYKH A.V.

Research Institute of Shipbuilding and Arms of the Navy – VMA

FRIDMAN K.B.

Deputy Director for Research, Federal State Budgetary Institution Scientific Research Center for Hygiene and Public Health

KARPUNOV A.A.

Minister of Health of the Arkhangelsk Region*

KUSAYKO T.A.

Member of the Federation Council Committee on Social Policy

LUGOVAYA E.A.

Acting Director, Federal State Budgetary Institution Scientific Research Center «Arctic» FEB RAS

MOSYAGIN I.G.

Head of the medical service of the High Command of the Navy

RYBNIKOV V.YU.

Deputy Director of the All-Russian Center for Emergency and Radiation Medicine named after A.M. Nikiforova «EMERCOM of Russia (VTsERM)

SHABROV A.V.

Academician of the Russian Academy of Sciences

SVIRIDOV S.A.

Head of the Department of Health, Labor and Social Protection of the Population of the Nenets Autonomous Okrug

TOTOLYAN A.A.

Director of the Saint-Petersburg Pasteur Institute

VOEVODA M.I.

Acting Director of the Federal State Budgetary Scientific Institution Federal Research Center for Fundamental and Translational Medicine

BOARD MEETING OF THE «NATIONAL ARCTIC SCIENTIFIC AND EDUCATIONAL CONSORTIUM»

Hall 10

4:30 PM – 6:00 PM

December 6, 2019

PANEL SESSION

As part of the activities of the public commission of the Association of Polar Explorers in the field of Science and Higher School

ISSUES FOR DISCUSSION:

- Monitoring the status and creation of a single information space in the field of training and research in the interests of the Russian Arctic
- Preparation of proposals on training and research in the Russian Arctic
- Joining efforts in conducting joint research and developing network programs on Arctic topics
- The development of interaction between scientific and educational institutions and enterprises engaged in economic activities in the territory of the Russian Arctic and in the regions of the Far North
- Support and stimulation of research on Arctic topics among students
- Popularization of educational programs and scientific study of the Arctic among students and applicants

MODERATOR:

KUDRYASHOVA E.V.

Rector of the Northern (Arctic) Federal University named after M.V. Lomonosov

6:00 PM – 8:30 PM Furshet

THIRD DAY. December 7, 2019

EXCURSION TO THE RUSSIAN ETHNOGRAPHIC MUSEUM



CULTURAL PROGRAM

- 10:00 AM** **Transfer of participants from Hilton Saint Petersburg Expoforum** (Peterburgskoye Highway 62, building 1).
- 11:0 AM – 12:00 PM** **Sightseeing tour with a visit to the unique exhibition «Arctic: habitable land».**
More than five hundred exhibits from the collection of the Russian Ethnographic Museum characterizing the cultural traditions of the Arctic peoples will be presented to the participants. Familiarity with genuine archaeological, historical and ethnographic artifacts, as well as with images of historical photographs, documents and paintings that characterize northern cultures, will allow participants to get an idea of common and unique features in ethno-cultural traditions, their combination forms the image of a common “Arctic home” for everyone.
More details: <https://peterburg2.ru/events/vystavka-arktika-zemlya-obitaemaya-163990.html>.
- 12:30 PM** **Meeting by bus, departure to the Hilton Hotel Saint Petersburg Expoforum** (Peterburgskoye Highway 62, building 1).
- Contact person:** Shevyakova Lilia, phone number +7-981-195-88-79.

ABOUT THE RESOLUTION OF THE IX INTERNATIONAL FORUM «ARCTIC: TODAY AND THE FUTURE»

December 5–7, 2019 in St. Petersburg, under the auspices of the IPO «Association of Polar Explorers», the IX International Forum «The Arctic: Present and Future» is held, which concludes the annual discussion on Arctic topics and is the final event annually summarizing all the issues of the Arctic agenda in society.

All proposals voiced at the Forum and made at the end of its work will be included in the final Resolution. This document with the proposals of the participants on the improvement of state regulation and administration in the development of the Arctic zone of the Russian Federation is sent to the State Commission for the Development of the Arctic, the relevant federal authorities of legislative and executive power.

We ask you to send your proposals to the Forum Organizing Committee on the following thematic directions:

- | | | |
|---|---|---|
|  The Arctic is the resource base of Russia of the 21st century |  Preserving the future: the environmental development of the polar region |  Knowledge and competencies for the future of the Polar Region |
|  Ways to improve the quality of life in the Arctic |  Ways of regional development of the Arctic zone of the Russian Federation |  International cooperation in the Arctic: an open dialogue |
|  Arctic transport corridors: moving forward |  Bringing the future closer: equipment and technology for the Arctic |  Architecture of the polar region security |

RECOMMENDED FORM FOR SUBMITTING PROPOSALS TO THE RESOLUTION:

- 1. Information about the initiator of the proposal:** Full name, Organization, Position, Tel., E-mail
- 2. Description of the problem to be solved by the proposal**
- 3. The formulation of the proposal** (with the indication of the ADDRESSEE: the authority to which the proposal is addressed, for example: the Ministry of Transport of the Russian Federation, etc.)
- 4. Main target groups that are interested in the implementation of the proposal**
- 5. Resources available to the initiator to participate in the implementation of the proposal**
- 6. Expected results and their significance**

YOU CAN SUBMIT A COMPLETED FORM TO THE ORGANIZATIONAL COMMITTEE OF THE FORUM ON THE INFORMATION DESK

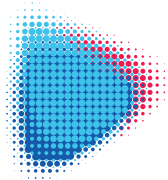
PROPOSALS ARE ACCEPTED UNTIL DECEMBER 20, 2019

Organizing Committee - tel / fax: +7 (812) 327-93-70, e-mail: itog@forumarctic.com, www.forumarctic.com



A large rectangular area with horizontal dotted lines, intended for writing or drawing.

PARTNERS OF FORUM



NOVATEK

OFFICIAL PARTNER OF FORUM



MEGAFON

OFFICIAL PARTNER OF FORUM

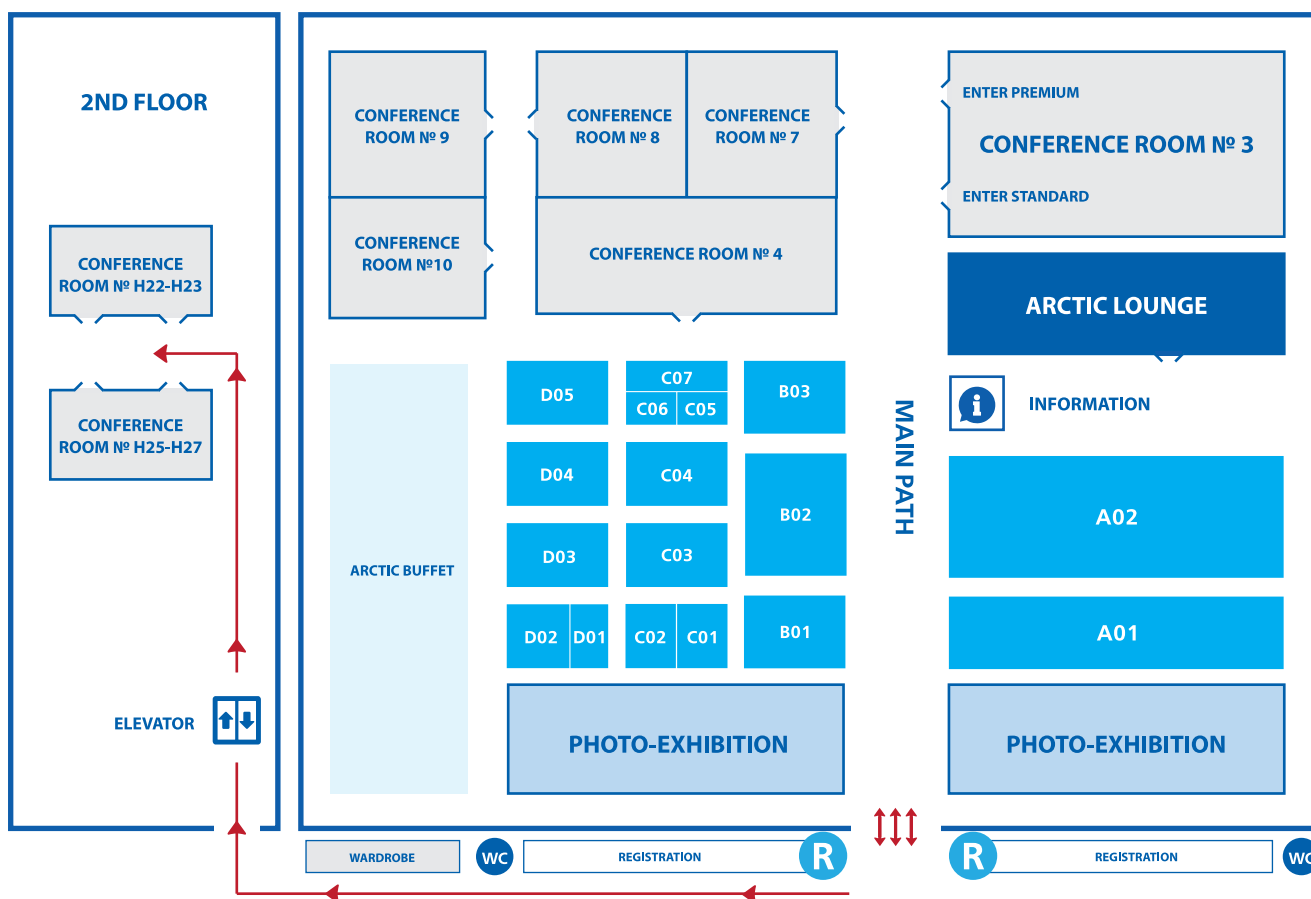


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AIMING HIGHER

PARTNER OF FORUM

PAVILION LAYOUT



A01 United Shipbuilding Corporation
Baltic Shipyard
SEVMASH
Central Design Bureau for Marine Engineering «Rubin»

A02 St. Petersburg:
JSC «Concern «Granit-Electron»
Scientific-Production Enterprise Radar MMS
JSC «REP Holding»
TECHNOMARINE JSC
JSC «Shipbuilding & Shiprepair Technology Center»

Geoscan Group
Safe Technologies Industrial Group
Agrophysical Research Institute
Red Fox
Satila of Sweden
JSC PTK MODERAM

B01 Yamal-Nenets Autonomous Okrug

B02 Gazpromneft

B03 Megafone

C01 Rossiya Segodnya, Russian news agency

C02 TASS, Russian news agency

C03 Ltd. SPC «TRECOL»

C04 Nizhny Novgorod State Technical University n.a. R. E. Alekseev (NNSTU)

C05 NPP «New Telecommunication Technologies»

C06 A. P. Karpinsky Russian Geological Research Institute (VSEGEI)
FSBI «VNIIOkeangeologia»

C07 Public Joint Stock Company Ilyushin Aviation Complex

D01 PHILIPS

D02 Arctic Medicine block
JSC «STL»
JSC «Impuls»
US MEDICA

D03 Arkhangelsk Oblast
POMOR
LLC «Muzhik»
LLC «Lema»
Treasures of the White Sea

D04 The Bauman Moscow State Technical University, BMSTU

D05 SHERP

INFORMATION PARTNERS

GENERAL INFORMATION PARTNERS



INFORMATION ONLINE PARTNER

