



NON-GOVERNMENT ORGANIZATION
ASSOCIATION OF POLAR EXPLORERS



VIII INTERNATIONAL FORUM
«ARCTIC: TODAY AND THE FUTURE»

PROGRAMME OF THE FORUM

DECEMBER 5-7, 2018

**GREETING PARTICIPANTS
BY THE PRESIDENT
OF IPO "ASSOCIATION OF POLAR EXPLORES"
ARTUR CHILINGAROV**



Dear Colleagues!

I am glad to welcome you to the VIII International Forum "Arctic: Today and the Future."

Ten years ago, in September 2008, the Basics of State Policy in the Arctic was approved in Russia - this event became a key point of reference in the recent history of the development of the Russian Arctic.

The strategic development of the Arctic zone of the Russian Federation is based on the special role of the polar regions as centers of decision-making and practical implementation of state policy. The coordination of interaction between the federal government, business and non-Arctic subjects as a source of technologies and competences is largely coordinated at the regional level.

Issues of environmental safety of Arctic projects and protection of the interests of residents of the North come to the forefront. Staff training, work with young people and the development of mentoring, preservation of the cultural heritage, support for entrepreneurship, development of technologies, digitalization of the economy, international non-governmental interaction. These and many other issues of state importance acquire their arctic component.

The long-term practice of our forum shows that all segments of society are ready for constructive mutual cooperation aimed at creating the future of the Arctic.

The implementation of key investment projects, the preservation of the fragile nature and the solution of the social problems of the Arctic regions depend on the coherence and efficiency of such work.

I am convinced that the consolidated response of the society to the processes of the development of the Arctic will be reflected in the proposals and initiatives of the annual Public Resolution on the socio-economic development of the Arctic zone of the Russian Federation.

I wish you fruitful work, useful meetings and good results!

*Artur Chilingarov
President of the IPO "Association of Polar Explorers";
Special representative of the President of the Russian Federation
for International Cooperation in the Arctic and Antarctic*



DAY 1. DECEMBER 5, 2018

08.30-10.00 Registration

10.00
11.30

Plenary Session

The Future is being Created Today: New Vectors for the Development of the Arctic Zone of the RF

HALL 3

11.30-12.00 Visiting the Exhibition

12.00 - 13.30

Conference

The Northern Sea Route Part 1

Panel Session

Development of Cargo Transportation Along the Northern Sea Route

HALL 4

Working Session

Geological Exploration in the Russian Arctic Sector

HALL 10

Panel Session

Science as the Driver of Innovative Development of the Arctic

HALL 7

Panel Session

Accumulated Environmental Damage in the Arctic: It will be Late Tomorrow

HALL 8

Panel Session

Energy Supply in the Arctic: Technologies and Innovative Solutions

HALL 9

Working Session

Tourism as the Driver of the Growth of the Arctic Regions

HALL H22-23

13.30-14.30 Lunch

14.30 - 16.00

Conference

The Northern Sea Route Part 2

Panel Session

NSR Management System and Ensuring Navigation Safety Under the Arctic Conditions

HALL 4

Working Session

Creation of Equipment and Technologies for Development of the Mineral and Resource Potential of the Arctic

HALL 10

Working Session

Development and deepening of the International Arctic Scientific Cooperation

English speaking

HALL 7

Working Session

Arctic LNG Projects as Locomotives of Macregion Growth

HALL 9

Working Session

Points of Growth in the AgroIndustrial Complex of the Polar Region

HALL H22-23

Working Session

Economic Incentives for Development of Small and Medium Business in the Arctic

English speaking

HALL 8

16.00-16.30 Break

16.30 - 18.00

Working Session

Potential of Russian Shipyards: Fleet Renewal and New Technologies

HALL 9

Panel Session

Integrated Security in the Polar Region

HALL 4

Working Session

Young People of the Arctic – the Future of the Macregion

HALL 8

Panel Session

Priority projects of scientific and technological development in the field of Arctic medicine and human ecology in the North

HALL 7

Panel Session

The Development of Hydrocarbon Fields in the Arctic

HALL 10

THEMATIC DIRECTIONS OF THE FORUM



The Arctic is the resource base of Russia in the 21st century



Arctic Transport Corridors: Moving Forward



Bringing the future closer: equipment and technology for the Arctic



Knowledge and competence for the future of the Polar region



International cooperation in the Arctic: an open dialogue



DAY 2. DECEMBER 6, 2018

09.00-10.00 Registration

09.30 **Agreement signing**
between Concern VKO "Almaz-Antey" and Gazprom Neft

10.00 | 11.30 **Plenary Session**
The Arctic today: the key role of the regions HALL 3

11.30-12.00 Visiting the Exhibition

12.00 - 13.30 **Panel Session**
Searching for Stability:
International Cooperation
in the Arctic
English speaking HALL 4

Panel Session
Creation of Telecommunication
Infrastructure and Equipment for
the Arctic HALL 7

Working Session
Conservation of Arctic Biodiversity HALL 10

Working Session
Educating and Staffing
for the Arctic HALL 9

Working Session
Features of Construction and
Operation of Buildings in the
Arctic HALL H22-23

Panel Session
Overcoming the Boundaries:
Development of Air Communications
in the Arctic Zone of Russia HALL 8

13.30-14.30 Lunch

14.30 - 16.00 **Working Session**
Development of Robotic and
Unmanned Technologies for the
Arctic HALL 10

Panel Session
Creating Transport Accessibility:
Land and Inland Water Transport
in the Arctic HALL 4

Panel Session
Creating Transport Accessibility:
Land and Inland Water Transport
in the Arctic HALL 9

Round table
Arctic Municipalities: from Survival to
Sustainable Development HALL H22-23

Working Session
Indigenous Peoples of the Arctic: Traditions and
Modernity. Finding a Balance HALL 8

16.00-16.30 Break

16.30 - 18.00 **Working Session**
Protection and Management of
Forests of the Arctic Zone of the RF HALL 9

Round table
My Home is the Arctic. How Can
the Quality of Life in the Northern
Region be Improved? HALL 10

Working Session
Climate Change and
Melting of Permafrost Thaw English speaking ЗАЛ 4

ASPOL Boarding Meeting HALL 7

Working session
The artificial living environment in
the extreme climatic
conditions of the Arctic HALL H22-23

18.00-20.00 Cocktails

DAY 3. DECEMBER 7, 2018

The Cultural Program



Ways of regional
development of the Arctic
zone of the Russian Federation



Ways to improve the quality
of life in the Arctic



Preserving the future: the ecological
development of the polar region



Time of new energy



Architecture of the
Polar region security



DAY 1. DECEMBER 5, 2018

08.30-10.00 Registration

THE FUTURE IS BEING CREATED TODAY: NEW VECTORS FOR THE DEVELOPMENT OF THE ARCTIC ZONE OF THE RF

Hall 3
10:00-11:30
DECEMBER 5, 2018

PLENARY SESSION

Issues for discussion:

- State policy and the improvement of Arctic legislation
- Mechanisms for improving the quality of life in the polar region
- Creation an enabling environment for investment and business in the Arctic zone of the Russian Federation
- Priorities for scientific study of the Arctic
- Creation of conditions for improving the quality of life of the population of the Arctic zone of the Russian Federation
- The development of volunteerism in the Arctic. Support for young people working in the region.

11.30-12.00 Visiting the Exhibition

CONFERENCE “THE NORTHERN SEA ROUTE”

DEVELOPMENT OF CARGO TRANSPORTATION ALONG THE NORTHERN SEA ROUTE

Hall 4
12:00-13:30
DECEMBER 5, 2018

PART 1

PANEL SESSION

Issues for discussion:

- Mechanisms for increasing cargo transportation along the Northern Sea Route
- Development of infrastructure of the Northern Sea Route
- The Northern Sea Route as an International Transport Corridor
- Transit potential of the Arctic ports. Modernization of port infrastructure

THE NORTHERN SEA ROUTE MANAGEMENT SYSTEM AND ENSURING NAVIGATION SAFETY UNDER THE ARCTIC CONDITIONS

Hall 4
14:30-16:00
DECEMBER 5, 2018

PART 2

PANEL SESSION

Issues for discussion:

- Current status and attractiveness of the Northern Sea Route
- Security concerns of shipping and navigation in the Arctic
- Improvement of icebreaking of vessels in the Arctic
- Ways to improve the quality of shipping in Arctic zone of the Russian Federation. Optimization of the maritime operations management process
- Expansion of navigation season along the Northern Sea Route
- Navigational safety of shipping in the Arctic

Moderator:

YULIA ZVORYKINA Director of «Institute for Research and Expertise of Vnesheconombank

Discussants:

YURY TSVETKOV Deputy Minister of Transport of the Russian Federation – The Head of the Federal Agency for Maritime and River Transport
MAXIM KULINKO Deputy Director of the Directorate of the Northern Sea Route - Head of Development of the Northern Sea Route and Coastal Areas of Rosatom State Corporation
SERGEY VAKHRUKOV Deputy Secretary of the Security Council of the Russian Federation
MIKHAIL FISHKIN Deputy Director of the Department of Public 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 Environment of the Russian Federation



YACOB BYKOV	Deputy General Director for Economics and Finance, State Enterprise "Rosmorport"
VASILY STRUGOV	Deputy General Director for the Fleet of FSUE "Rosmorport"
ANDREY KHAUSTOV	Head of Federal State Budgetary Institution "Marine Rescue Service"
ALEXEY TYUKAVIN	First Deputy Governor of the Murmansk Oblast
MIKHAIL KUCHERYAVY	Vice Governor of St. Petersburg
DMITRY PURIM	General Director of PJSC "Sovfracht"
ALEXEY KARCHIOMOV	Head of Maritime Shipping / Transport Law Practice of Law Firm "Egorov Puginsky Afanasiev & Partners"
ANATOLY PITERSKY	Branch Manager Mitsui O.S.K. Lines Ltd.
RAVIL NASYBULLOV	Director of the Logistics Department of PJSC MMC Norilsk Nickel
ILDAR NEVEROV	First Deputy General Director, Murmansk Shipping Company
YURY PODOPLEKIN	The First Deputy General Director for Science of SC "Concern "Granit-Electron"
IGOR ASHIK	Deputy Director of State Research Center "Arctic and Antarctic Research Institute"
SERGEY ZUBKOV	Head of the Center for Geoinformation Technologies and Earth Remote Sensing, "Institute of Environmental Survey, Planning & Assessment"
KONSTANTIN KORNISHIN	Manager of the Technical Regulation and Development Department of the Corporate Scientific and Technical Complex of "Rosneft" PJSC
NIKOLAY KHOKHLOV	Head of the department of power electronic devices and power supply systems of JSC "RIRT"

GEOLOGICAL EXPLORATION IN THE RUSSIAN ARCTIC SECTOR

Hall 10

12:00-13:30

DECEMBER 5, 2018

WORKING SESSION

Issues for discussion:

- Features of geological exploration in the Arctic
- Increase of geological study of the Arctic zone of the Russian Federation
- Mechanisms of increasing the investment attractiveness of geological study of the Arctic subsoil
- Innovative technologies and equipment for geological exploration in the Arctic

Moderator:

ROMAN SAMSONOV Head of Gas and Arctic Department, Energy Center of SKOLKOVO Business School

Discussants:

OREST KASPAROV	Deputy Head of the Federal Agency for Subsoil Use
SERGEY KOSTIUCHENKO	Deputy General Director - Director of the Department for Science and Technical Development of JSC "Rosgeo"
OLEG SOCHNEV	Deputy Director of the Department of Scientific and Technical Development and Innovation
INGA SOCHNEVA	International Energy Policy and Diplomacy Institute of MGIMO, Ministry of Foreign Affairs of Russia
VALERY KAMINSKY	General Director of the FSBI "VNIOkeangeologia"
VASILY BOGOYAVLENSKY	Deputy Director of the Institute of Oil and Gas Problems of the Russian Academy of Sciences, Member of the Expert Council on the Arctic and Antarctic under the Council of Federation of the Russian Federation
ALEXANDER VOLKOV	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
VLADIMIR ZHAMOYDA	Leading Researcher, Center for Marine Geology, A.P. Karpinsky Russian Geological Research Institute (VSEGEI)



SCIENCE AS THE DRIVER OF INNOVATIVE DEVELOPMENT OF THE ARCTIC

Hall 7
12:00-13:30
DECEMBER 5, 2018

PANEL SESSION

Issues for discussion:

- Achievements and priority scientific research aimed at ensuring sustainable social and economic development of the Russian Arctic zone
- Development of logistics base for Arctic research
- Support of scientific research on Arctic topics
- Interaction of Arctic enterprises and universities for the commercialization of the results of fundamental and applied research

Within the framework of the section there will be a meeting of the Public Commission of the IPO "Association of Polar Explorers" on "Science and Higher School" direction

Moderator:

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

Discussants:

YAROSLAV EFIMOV Expert of the Arctic Science Center PJSC "Rosneft"

VLADIMIR IVKOV Deputy Head of the Department of Radio Equipment Plant JSC

ALEXANDER MAKAROV Director of State Research Center "Arctic and Antarctic Research Institute"

SERGEY KRIVOVICHEV Chairman of Kola Science Center, RAS

KONSTANTIN ZAIKOV Vice-Rector for International Cooperation of the Northern (Arctic) Federal University named after M.V. Lomonosov

KONSTANTIN KRIVOSHAPKIN Head of Research, Vice-Rector for Science and Innovation M.K. Ammosov North-Eastern Federal University

ALEXANDR SABUROV Director of the Arctic Center for Strategic Studies of the Northern (Arctic) Federal University named after M.V. Lomonosov

YURY SHIPITSYN Arctic Research Center of the Academy of Sciences, Republic of Sakha (Yakutia)

NATALIA RYAZANOVA Head of the Laboratory of Geoecology and Sustainable Management of the MGIMO of the Ministry of Foreign Affairs of Russia

DARIA VOROBYOVA Director of the Association of Universities "National United Aerospace University" (NOAU)

ACCUMULATED ENVIRONMENTAL DAMAGE IN THE ARCTIC: IT WILL BE LATE TOMORROW

Hall 8
12:00-13:30
DECEMBER 5, 2018

PANEL SESSION

Issues for discussion:

- The problem of hazardous waste disposal in the Arctic zone of Russia
- Updating of environmental legislation in the field of liquidation of accumulated environmental damage in the Russian Arctic
- Economic incentives for the elimination of objects of accumulated environmental damage
- Establishment of an efficient Arctic waste management and treatment system: specifics and solutions
- Liquidation of accumulated environmental damage from industrial and military activities in the Arctic.

Moderator:

ILDAR NEVEROV First Deputy General Director of Murmansk Shipping Company



Discussants:

EVGENY NIKORA	Deputy Governor of the Murmansk Oblast
DENIS BELOZEROV	Deputy Chairman of the Government of the Republic of Sakha (Yakutia)
MIKHAIL SLIPENCHUK	Head of the Department of Environmental Management, Faculty of Geography, Lomonosov Moscow State University
ROMAN POLSHVEDKIN	Minister of Natural Resources and Environmental Protection of the Republic of Komi
ELENA LEBEDEVA	Deputy Director - Head of the Directorate of Industrial Safety, Labor Protection and the Environment in Prospecting and Mining of Rosneft PJSC
SERGEY FOKIN	Director of the FSBI "VNII Ecology"
ALEKSEY FUNTOV	Director of Engineering, FGEC "Razmax"
ANATOLY SHEVCHUK	Deputy Chairman of the Council for the Study of the Production Force of the Supreme Economic Directorate of the Ministry of Economic Development of Russia, Head of the Department of Environmental Management and Ecology

**ENERGY SUPPLY IN THE ARCTIC:
TECHNOLOGIES AND INNOVATIVE SOLUTIONS**

Hall 9
12:00-13:30
DECEMBER 5, 2018

PANEL SESSION

Issues for discussion:

- Integrated development of the Arctic energy system
- Small nuclear power. Development Prospects for Floating NPPs
- Prospects for the use of renewable energy in the Arctic
- Improvement of legislation in the field of energy and tariff regulation

Moderator:

VICTOR ELISTRATOV Director of the Scientific and Educational Center for Renewable Energy Sources of SPbPU

Discussants:

IGOR BASHMAKOV	Head of the Center for Energy Efficiency
TIMUR MIRZEABASOV	General Director of ANTER LLC
OLEG EGORYCHEV	First Vice-President of the Association of Power and Power Equipment Manufacturers
SVETLANA TUINOVA	Researcher of Luzin Institute for Economic Studies of the Kola Science Centre, Russian Academy of Sciences (IES KSC RAS)
STANISLAV URZHUMTSEV	Deputy Director of the Department of State Policy and Regulation in the Field of Hydrometeorology, the Study of the Arctic, Antarctic and World Ocean, Ministry of Environment of Russia
IGBAL GULIYEV	Deputy Director of the International Energy Policy and Diplomacy Institute of MGIMO, Ministry of Foreign Affairs of Russia
VYACHESLAV STRUYEV	Deputy Head of the Kurchatov Center for the Complex of Nuclear Transport Energy Technologies of the National Research Center "Kurchatovsky Institute"



TOURISM AS THE DRIVER OF THE GROWTH OF THE ARCTIC REGIONS

Hall H22-23
12:00-13:30
DECEMBER 5, 2018

WORKING SESSION

Issues for discussion:

- Updating the regulatory framework for the development of tourism in the Arctic
- Development of investment attractiveness of the Arctic tourism for business
- Ways to reduce the production costs of travel services in the Arctic
- Successful practices of creating and developing tourist routes in the Arctic

Moderator:

MIKHAIL DEGTYAREV Chairman of the State Duma Committee on Physical Culture, Sport, Tourism and Youth Affairs

Discussants:

VALENTINA PIVNENKO First Deputy Chairman of the Committee of the State Duma of the Russian Federation on Regional Policy and the Problems of the North and the Far East

EVGENY KUDELYA Head of State Tourism Projects and Tourism Security Directorate of the Federal Agency for Tourism

DMITRY FILIPPOV Minister of Industry Development and Entrepreneurship of the Murmansk Oblast

SERGEI EMELIANOV Minister of Culture, Tourism and Archiving Affairs of the Republic of Komi

ANDREI MATSARIN General Director of "Saint Petersburg Convention Bureau"

PAVEL SEMIZOROV Deputy of the Legislative Assembly of the Krasnoyarsk Krai

ALEXANDER NOVYUKHOV Deputy of the Duma of the Khanty-Mansiysk Autonomous Okrug - Ugra

13.30-14.30 Lunch

CREATION OF EQUIPMENT AND TECHNOLOGIES FOR DEVELOPMENT OF THE MINERAL AND RESOURCE POTENTIAL OF THE ARCTIC

Hall 10
14:30-16:00
DECEMBER 5, 2018

WORKING SESSION

Issues for discussion:

- Productive capacity of Russian enterprises and the implementation of import substitution policy
- Innovative developments for exploration, mining and mineral processing in the Arctic (including on the shelf)
- Creating testing ground for new equipment and technologies for work in the Arctic

Moderator:

VADIM ZAZIMKO Executive Director of Association "Composite cluster of Saint-Petersburg" Ltd

Discussants:

OLGA KUZNETSOVA Deputy Governor of the Murmansk Oblast

GEORGY ANTSEV General Director – Chief Designer, Concern Agat

LYUBOV NEFEDOVA Director of the Research Institute for Applied Materials, Concern VKO Almaz - Antey JSC

ANASTASIA SAVKINA Head of Commercial Service of JSC "Bryansk Automobile Plant"

STANISLAV SHEVCHUK Head of the project direction of the Russian Institute of RadioNavigation and Time RIRT

ALEXANDER ANTONOV Advisor to the General Director of the Scientific-Research Institute "ATOLL"

LARISA BORISOGLEBSKAYA Vice-Rector for Research and Design Innovation Activity of Orel State University named after I.S. Turgenev

VLADIMIR TOLSTIKOV Deputy Executive Director Composite Cluster of St. Petersburg Association



DEVELOPMENT AND DEEPENING OF THE INTERNATIONAL ARCTIC SCIENTIFIC COOPERATION

Hall 7
14:30-16:00
DECEMBER 5, 2018

ENGLISH
SPEAKING

PANEL SESSION

Issues for discussion:

- International scientific and educational projects aimed at exploring the Arctic
- Simplification of the mechanisms of the conduction of the international research in the Arctic
- Expeditionary development
- Expanding circumpolar mobility

Moderator:

VLADIMIR PAVLENKO Vice-President of the International Arctic Scientific Committee

Discussants:

EVGENY KASSYURA Head of the Directorate of the CIS countries and regions of the Russian Federation of the Committee on External Relations of St. Petersburg

ANNE LAMILLA Consul General of Finland

JACOB BAY LINDKVIST Special Adviser to the Ministry of Foreign Affairs of Denmark

ANDREAS RITCHER Professor at the Austrian Polar University

NATALIA LUKASHEVA Professor of University of British Columbia

SVETLANA MALYAVSKAYA Vice Rector of the Northern State Medical University

ANATOLY LUKIN Head of the Federal State Unitary Enterprise "Federal Selection and Genetic Center for Fish Farming"

ALYONA RYBKINA Deputy Director of the Geophysical Center of the Russian Academy of Sciences

ANDREI PODOPLEKIN Deputy Director of the Russian Geographical Society in St. Petersburg

ARCTIC LNG PROJECTS AS LOCOMOTIVES OF MACROREGION GROWTH

Hall 9
14:30-16:00
DECEMBER 5, 2018

WORKING SESSION

Issues for discussion:

- Features of the production of liquefied natural gas
- Implementation of "Yamal LNG" and "Arctic LNG-2" as the projects key for the gas industry
- Payback and competitiveness of Russian LNG projects
- Export of liquefied natural gas: problems of transportation and markets
- Prospects for the use of liquefied natural gas in the Arctic.

Moderator:

STANISLAV URZHUMTSEV Deputy Director of the Department of Public 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 Environment of the Russian Federation

Discussants:

OREST KASPAROV Deputy Head of the Federal Agency for Subsoil Use

MIKHAIL SOBOLEV First Deputy Chairman of the Government of the Chukotka Autonomous Okrug

IGOR YAMPOLSKY Advisor on relations with the government and state authorities, Total E&p Russie

IGOR SEMENOV General Director of EthnoExpert LLC

VADIM KRASNOPOLSKY Project Coordinator for the Oil and Gas Sector of the Barents Sea Branch of the World Wildlife Fund (WWF) of Russia



POINTS OF GROWTH IN THE AGRO-INDUSTRIAL COMPLEX OF THE POLAR REGION

Hall H22-23
14:30-16:00
DECEMBER 5, 2018

WORKING SESSION

Issues for discussion:

- Current state and capacity of the AIC 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
- Traditional crafts of the Arctic region

Moderator:

SVETLANA GOLOKHVASTOVA Chief editor of "Agricultural News" magazine

Discussants:

VASILY SOKOLOV Deputy Head of the Federal Agency for Fishery

PROKOPY NIKOLAEV Chairman of the State Committee of the Republic of Sakha (Yakutia) on Arctic Affairs

SERGEY SIZONENKO Deputy of the Taimyr Dolgan-Nenets Okrug Council of Deputies, Chairman of the Standing Committee on the Affairs of the Indigenous Minorities of Taimyr and Agriculture

ANATOLY LUKIN Head of the Federal Selection and Genetic Center for Fish Culture

IRINA SAMSONOVA Head of the Department of Ethnosocial and Ethno-Economic Research of Geosystems of the Academy of Sciences of the Republic of Sakha (Yakutia)

TIMUR GODZHAYEV Head of sector coordination of technological platforms of the All-Union Research Institute of Agricultural Mechanization

VLADIMIR ELISEEV Director of Sumskey salmon whitefish farm

ECONOMIC INCENTIVES FOR DEVELOPMENT OF SMALL AND MEDIUM BUSINESS IN THE ARCTIC

Hall 8
14:30-16:00
DECEMBER 5, 2018

ENGLISH
SPEAKING

WORKING SESSION

Issues for discussion:

- Assessment of the business climate of the arctic regions of the country
- Increasing the investment attractiveness of the Russian Arctic zone subjects
- Tax relief and incentives for investment in the Arctic
- Support for business activities of small indigenous peoples
- Development of social entrepreneurship in the Arctic zone of the Russian Federation

Moderator:

ALEXANDER KHODACHEK President of the National Research University Higher School of Economics

Discussants:

VALENTINA PIVNENKO First Deputy Chairman of the Committee of the State Duma of the Russian Federation on Regional Policy and the Problems of the North and the Far East

OLEG KOSTENKO Deputy Minister of Industry and Entrepreneurship Development of the Murmansk Oblast

MIKHAIL KONSTANTINOV General Director ETP GPB

ANDREY BRYKSEKOV Deputy Director of the Representative Office of RSHU in Moscow

TIMO RAUTAJOKI President of the Lapland Chamber of Commerce

IGOR MURAVYEV Executive Director of the Leningrad Regional Chamber of Commerce and Industry

TATYANA BARASHEVA Leading Researcher of Luzin Institute for Economic Studies of the Kola Science Centre, Russian Academy of Sciences (IES KSC RAS)

16.00-16.30 Break



POTENTIAL OF RUSSIAN SHIPYARDS: FLEET RENEWAL AND NEW TECHNOLOGIES

Hall 9

16:30-18:00

DECEMBER 5, 2018

WORKING SESSION

Issues for discussion:

- Prospects for Russian shipbuilding in the Arctic
- Increasing the competitiveness of domestic shipbuilding enterprises and ship repairing
- Creation of modern ships for arctic conditions
- Icebreaking support for hydrocarbon projects
- Mechanisms of state support for shipbuilding

Moderator:

NADEZHDA MALYSHEVA Chief Editor, PortNews Media Group

Discussants:

ILYA PANTELEEV Director of the Department of marketing and sales of USC JSC

SERGEY PANTELEEV Member of the State Duma Committee on Economic Policy, Industry, Innovative Development and Entrepreneurship

ALEXEY SMIRNOV Project Manager of JSC "Baltic Shipyard"

LEONID IRLITSA Advisor to the Director General of FSUE "Atomflot"

EVGENY TOPOROV Chief Designer, Rubin Central Design Bureau for Marine Engineering KB MT Rubin JSC

ALEXANDER ROMANOV Deputy Head of Corporate Construction and Property Relations, Shipbuilding and Marine Engineering Department of the Ministry of Industry and Trade of the Russian Federation

GLEB TURICHIN Rector of St. Petersburg State Maritime Technical University

SERGEY BUYANOV General Director of the Central Research and Development Institute of the Navy

ANATOLY ALEKSASHIN Director of the Center for Arctic Innovation Technologies of Saint-Petersburg State Marine Technical University

VLADIMIR SOKOLOV Head of the High-latitude Arctic expedition of the FGBU "AARI"

YURY CHASHKOV Director of "UltraMarine M"

INTEGRATED SECURITY IN THE POLAR REGION

Hall 4

16:30-18:00

DECEMBER 5, 2018

PANEL SESSION

Issues for discussion:

- Building a comprehensive system of security and protection of territories, population and critical infrastructure of the Arctic zone of the Russian Federation
- Features of the prevention and elimination of emergency situations in the Arctic zone of the Russian Federation
- The main challenges and new threats to security in the Arctic zone of the Russian Federation
- Development of rescue technologies for the needs of the Arctic
- Providing transportation in the Russian Arctic
- International and cross-border security cooperation in the Arctic

Moderator:

GEORGII KARLOV Member of the State Duma Committee on Security and Corruption Control

Discussants:

NIKOLAY EVMENOV Commander of the Northern Fleet

EDUARD CHIZHIKOV Head of Saint Petersburg University Of State Fire Service Of EMERCOM Of Russia

ALEXEY VOLSKY Deputy Head of the Coast Guard Department of the Border Service of the FSB of Russia



IVAN FANAGAY	Acting Head of the Department of Analysis, Organization and Development of a Unified Technical Policy and Measures for the Anti-criminal Security of the Objects of the Main Directorate of the Departmental Security of the National Guard of the Russian Federation
EVGENY LAVRENTIEV	Deputy Director General of PJSC "ALMAZ R&P Corp." – Head of Research and Production Corporation "Lianozovo Electromechanical Plant" (JSC LEMZ R&P Corp.)
EVGENY MATVEEV	Deputy General Director of JSC "RTI"
MIKHAIL YARIN	Head of Special Projects of Kalashnikov Concern JSC
SERGEY ILIUKHIN	Advisor to the General Director of Bryansk Automobile Plant
SERGEY PETRENKO	Director of the Center for Information Security, Innopolis Satellite and Integrated Systems JSC "RIRT"
VLADIMIR SMIRNOV	Head of the Department of Improvement of the AARI Ice Information System named after M.V. Lomonosov
ALEXANDER BRYLIN	The Head of the Amur regional branch of the IPO "Association of polar explorers"

YOUNG PEOPLE OF THE ARCTIC – THE FUTURE OF THE MACROREGION

Hall 8
16:30-18:00
DECEMBER 5, 2018

WORKING SESSION

Issues for discussion:

- Life strategies of modern youth in the Arctic zone of the Russian Federation
- Creating conditions for professional and social self-realization of young people in the Arctic
- Volunteering as an opportunity for self-realization of young people in the Arctic region
- Training young professionals for the Arctic

Moderator:

ANNA APERYAN Head of the Department for the Coordination of Youth Projects and Programs of the Federal Agency for Youth Affairs, Program Director of the International Educational Forum "The Arctic. Made in Russia"

Discussants:

NATALIA MIKHALCHENKOVA	Deputy Chairman of the Government of the Republic of Komi
RENATA ABDULINA	Chairman of the Committee on Youth Policy of St. Petersburg
STANISLAV LOBANOV	Assistant to deputy Fedot Tumusov of the State Duma of the Russian Federation
ALEXANDER PERVUKHIN	Chairman of the Murmansk Regional Council of Trade Unions
ALEXANDER MAKAROV	Director of the State Research Center "Arctic and Antarctic Research Institute"
ALEXANDR SABUROV	Director of the Arctic Center for Strategic Studies of the Northern (Arctic) Federal University
NATALIA RYAZANOVA	Head of the Laboratory of Geoecology and Sustainable Management of Nature Moscow State Institute of International Relations of the Ministry of Foreign Affairs of the Russian Federation
VICTORIA LUKINA	President of the Association "Talented Youth"
ALBERT KARIMOV	Chairman of the Regional Public Organization "The Scientific Council of the Yamal-Nenets Okrug"

PRIORITY PROJECTS FOR SCIENTIFIC AND TECHNOLOGICAL DEVELOPMENT IN THE FIELD OF ARCTIC MEDICINE AND HUMAN ECOLOGY IN THE NORTH

Hall 7
16:30-18:00
DECEMBER 5, 2018

PANEL SESSION

Issues for discussion:

- Development of technologies for medical and professional selection of specialists, their adaptation and protection from exposure of extreme environmental factors in the Arctic
- Development of information technology and the development of modern models and technologies for medical assistance to the population, including the indigenous peoples of the North
- Safety of food and drinking water in the Arctic, the development of functional foods for the prevention of diseases and increasing the human capacity in the Arctic
- Justification of health measures to preserve social protection of the population, aimed at improving the quality of human life in the Arctic

Within the section, a meeting of the public commission of the IPO "Association of polar explorers" in the direction of "Arctic Medicine" will be held



Moderator:

- VALERY BOYARINTSEV** Chief Researcher - Head of the Laboratory of Special Medical Equipment, Technologies and Pharmaceutics of the Moscow Institute of Physics and Technology
- IGOR BOBROVNITSKY** Deputy Director for Research, Center for Strategic Planning and Management of Biomedical Risks of Ministry of Health of Russia, Chairman of the Public Commission of the IPO "Association of Polar Explorers" in the direction of "Arctic Medicine"

Discussants:

- IGOR MOSYAGIN** Chief Medical Officer of the Main Command of the Navy
- ANTON KARPUNOV** Minister of Health of the Arkhangelsk Oblast
- YEVGENY BOYKO** Director of the Institute of Physiology, Komi Scientific Center, Ural Branch of the Russian Academy of Sciences
- EVGENY ZIBAREV** Deputy Director of the Federal State Budgetary Scientific Institution "Izmerov Research Institute of Occupational Health"
- MIKHAIL BYSTROV** First Deputy Director of the All-Russian Centre for Disaster Medicine "Zaschita" of Ministry of Health of Russia
- VYACHESLAV RATNIKOV** Deputy Chief Physician Federal State Budgetary Health Institution Clinical Hospital No. 122 named after L. G. Sokolov
- ALEXANDER MURASHOV** Vice-President of the Interregional Public Institution "Institute of Engineering Physics"
- NATALIA FATYANOVA** Chief Physician of the Amur Regional Center for Medical Prevention
- LYUDMILA KRAEVA** Professor of the Department of Microbiology, Military Medical Academy named after S.M. Kirov
- VLADA KABISOVA** Researcher at the Naval Clinical Hospital of the Ministry of Defense of the Russian Federation

THE DEVELOPMENT OF HYDROCARBON FIELDS IN THE ARCTIC



PANEL SESSION

Issues for discussion:

- Current status, strategy and prospects for the development of oil and gas in the Arctic
- Priority projects for the development of hydrocarbon deposits in the Arctic
- Expansion of hydrocarbon production on the Arctic shelf
- Prospects for cooperation between Russia and foreign partners in the extraction and processing of oil and gas in the Arctic

Moderator:

- VLADIMIR VOVK** Advisor to Gazprom Neft Shelf LLC

Discussants:

- TATYANA KUZNETSOVA** Deputy Head of Department - Head of the Department for Supervision of Pipeline Transport Facilities of the Federal Environmental, Industrial and Nuclear Supervision Service
- OLEG KHASHKIN** Director of "Automated Control Systems for Areas and distributed production facilities"
- YURI SHADRUNOV** General Director of LLC "Avenir"
- OLEG KHASHKIN** Director of "Automated Control Systems for Areas and distributed production facilities"
- NIKOLAI KUBYSHKIN** Technical Director of Arctic Shelf Consulting
- YAROSLAV EFIMOV** Expert of the Arctic Science Center PJSC "Rosneft"
- VADIM KRASNOPOLSKY** Project Coordinator for the Oil and Gas Sector of the Barents Sea Branch of the World Wildlife Fund (WWF) of Russia
- MIKHAIL KOSODYBOV** General Director of Marine and Shelf Development Limited



DAY 2. DECEMBER 6, 2018

09.00-10.00 Registration

SIGNING AN AGREEMENT BETWEEN CONCERN VKO "ALMAZ-ANTEY" AND "GAZPROM NEFT" PJSC

09:30
DECEMBER 6, 2018

SPECIAL EVENT

THE ARCTIC TODAY: THE KEY ROLE OF THE REGIONS

Hall 3
10:00-11:30
DECEMBER 6, 2018

PLENARY SESSION

Issues for discussion:

- Arctic regions: resources and opportunities, strategic potential, prospects and development goals
- International non-governmental cooperation in the northern regions: agenda, formats, participants
- Tasks and practice of mentoring and educating the younger generation in the Arctic regions
- Actual directions of volunteering in the Arctic
- Features of the digital transformation of the economy in the Arctic regions

Discussants:

ARTUR CHILINGAROV	President of the Interregional public organization «Association of Polar Explorers»
MIKHAIL SLIPENCHUK	First Vice-President of the IPO "Association of polar explorers"
GRIGORY LEDKOV	President of the Association of Indigenous Peoples of the North, Siberia and the Far East of the Russian Federation, Deputy Chairman of the State Duma Committee on National Affairs
ARTUR PARFENCHIKOV	Head of the Republic of Karelia
DENIS BELOZEROV	Deputy Chairman of the Government of the Republic of Sakha (Yakutia)
MIKHAIL KUCHERYAVY	Vice-Governor of St. Petersburg
TATYANA LOGVINENKO	Deputy Governor of the Nenets Autonomous Okrug
ALEXANDER MAZHAROV	Deputy Governor of the Yamal-Nenets Autonomous Okrug
NATALIA MIKHALCHENKOVA	Deputy Chairman of the Government of the Republic of Komi
ALEXEY TYUKAVIN	First Deputy Governor of the Murmansk Oblast

11.30-12.00 Visiting the Exhibition



SEARCHING FOR STABILITY: INTERNATIONAL COOPERATION IN THE ARCTIC

Hall 4
12:00-13:30
DECEMBER 6, 2018

ENGLISH
SPEAKING

PANEL SESSION

Issues for discussion:

- International projects in the Arctic region
- Russia's participation in the institutions of international partnership
- Foreign economic relations of the subjects of the Arctic zone of the Russian Federation
- Cross-border cooperation with the Arctic countries
- The Arctic agenda of the "third countries"

Moderator:

MIKHAIL POGODAEV Executive Director of the Northern Forum Secretariat

Discussants:

VLADIMIR BARBIN Ambassador at Large of the Ministry of Foreign Affairs of the Russian Federation

ELENA TIKHONOVA Minister of the Economic Development of the Murmansk Region

ELENA DEMIDOVA Deputy Director of the Protocol and International Relations Department of the Administration of the Governor of the Arkhangelsk Oblast and the Government of the Arkhangelsk Oblast

PAVEL BURENKOV Minister of Economic Development and Industry of the Republic of Karelia

STANISLAV URZHUMTSEV Deputy Director of the Department of State Policy and Regulation in the Field of Hydrometeorology, the Study of the Arctic, Antarctic and World Ocean, Ministry of Environment of Russia

JUTTA WARK Director, Nordic and Polar Relations, Global Affairs Canada

BERGLIND ÁSGEIRSDÓTTIR Ambassador Extraordinary and Plenipotentiary of Iceland to Russia

BJORN LYRVAL Ambassador of Sweden for the Arctic

BARD IVAR SVENDSEN Ambassador for Arctic and Antarctic Affairs / Special Adviser

CEO CHEN SEAH Deputy Head of the Embassy of Singapore

YULIA KORSHUNOVA Head of the Kolarctic 2014-2020 Russian Branch

CREATION OF TELECOMMUNICATION INFRASTRUCTURE AND EQUIPMENT FOR THE ARCTIC

Hall 7
12:00-13:30
DECEMBER 6, 2018

PANEL SESSION

Issues for discussion:

- Creating a modern information and telecommunication infrastructure of the Arctic zone of the Russian Federation
- Satellite communication system for providing services in the Arctic. Prospects for the creation of a cluster of communications spacecraft in high-elliptical orbits
- The development of fiber-optic communications in the Arctic
- Telecommunications equipment for the Arctic

Moderator:

VIKENTY KOZLOV Head of the Working Group of the International Communication Academy on the Arctic

Discussants:

VALERY ERMAKOV Vice President, Corporate and Governmental Segments, Rostelecom PJSC

VITALY BITTER Chief Designer of the Situation and Logistics Center Oboronlogistika LLC

KONSTANTIN LUKIN Director for Telecommunications Projects of Supertel DALs STC HBRTS, JSC

TIMOFEY GOLDIN First Deputy General Director, Institute of Network Technologies

VLADIMIR IVKOV Deputy Head of the Department of Radio Equipment Plant JSC

VLADIMIR DUBROVSKY Deputy General Director for the contractual work of JSC «GONETS Satellite System» PC

PAVEL VADOV Technical Director of "Edinstvo" LLC

ANATOLY ZHOZHNIKOV Director of M.K. Ammosov North-Eastern Federal University



CONSERVATION OF ARCTIC BIODIVERSITY

Hall 10
12:00-13:30
DECEMBER 6, 2018

WORKING SESSION

Issues for discussion:

- Reducing the negative anthropogenic impact on the environment in the Arctic
- Environmental policy of companies operating in the macroregion
- Assessment of the state and threat to the Arctic marine ecosystem
- The role of specially protected natural areas in the conservation of biological diversity in the Arctic zone of the Russian Federation

Moderator:

BORIS MORGUNOV Director of Institute of Environmental Economics and Environmental Policy, HSE

Discussants:

ELENA LEBEDEVA Deputy Director - Head of the Directorate of Industrial Safety, Labor Protection and the Environment in Prospecting and Mining of Rosneft PJSC

KONSTANTIN MASHKOVICH Head of the Department of Industrial Safety, Labor Protection and Ecology, PJSC MMC Norilsk Nickel

DEMIAN SMILEVETS Deputy Director of the Federal State Budgetary Institution "Information and Analytical Center for the Protection of Reserves"

DMITRY SHAHIN Head of the department of environmental engineering surveys and assessment of the current state of the environment FRECOM LTD

ARTYOM ISACHENKO Expert of Arctic Science Center LLC Rosneft

ALEXANDER MOISEEV Project Coordinator of the Sustainable Fisheries Program of WWF Russia

VALERY CHASCHIN Assistant director North-West Public Health Research Center

EDUCATING AND STAFFING FOR THE ARCTIC

Hall 9
12:00-13:30
DECEMBER 6, 2018

WORKING SESSION

Issues for discussion:

- Staffing mechanisms for enterprises of the Arctic zone of the Russian Federation
- Innovative educational programs and projects oriented on the Arctic
- Evaluation of staffing of Arctic projects
- Increasing the attractiveness of the Arctic for highly qualified specialists
- Standards and improved training for the work in the Arctic
- Mentoring development in the industrial enterprises of the Arctic
- Interaction of enterprises, universities and authorities in the field of training for the Arctic

Moderator:

ALEXANDER MAKAROV Director of State Scientific Center of the Russian Federation the Arctic and Antarctic Research Institute

Discussants:

PAVEL SEMIZOROV Deputy of the Legislative Assembly of the Krasnoyarsk Krai

ANDREY BAYBARODSKIKH Deputy Head of the Regional Development Division of the Education Department of the YaNAO

GEORGIY KORSHUNOV Vice-Rector for international affairs and external relations of the Ukhta State Technical University

ALEXANDR SABUROV Director of the Arctic Center for Strategic Studies of the Northern (Arctic) Federal University named after M.V. Lomonosov

ANATOLY NIKOLAEV Vice Rector of M.K. Ammosov North-Eastern Federal University



FEATURES OF CONSTRUCTION AND OPERATION OF BUILDINGS IN THE ARCTIC

Hall H22-23
12:00-13:30
DECEMBER 6, 2018

WORKING SESSION

Issues for discussion:

- Improving the regulatory framework related to construction in the polar macro-region
- Ensuring the safe operation of residential buildings and facilities in the Russian Arctic
- The impact of permafrost on the construction of roads, buildings and structures in the Arctic
- Modern development for construction in a harsh climate
- Use of unconventional materials for construction in the Arctic

Moderator:

IGOR SHPEKTOR President of the Union of Arctic Circle and High North Towns, Chairman of the Commission on Housing and Public Utilities, Construction and Roads of the Civil Chamber of the Russian Federation

Discussants:

SVETLANA MOCHALOVA Director of the Department of Urban Planning and Architecture of the Ministry of Construction and Housing and Communal Services of the Russian Federation

YAKOV EFIMOV Chairman of the Standing Committee of the State Assembly (IL Tumen) Republic of Sakha (Yakutia) for Construction and Housing and Utilities

ALEXANDER PESTRYAKOV Chairman of the Norilsk Council of Deputies

ANATOLY ALEXASHIN Director of the Center for Arctic Innovation Technologies, St. Petersburg State Marine Technical University

ALEKSEY FUNTOV Engineering Director FGEC "Razmax"

SERGEY AMELCHUGOV Head of the department "Building materials and construction technology" Siberian Federal University

VLADIMIR PARAMONOV Professor, Department of Foundations and Foundation, Emperor Alexander I St. Petersburg State Transport University

ALEXANDER VYLITOK Head of the International Research and Educational Center "Arctic Transport Systems and Technologies" RUT - MIIT

ALIGYUSHAD KERIMOV Director of ANO "Ecofund Research Center for the Study of Permafrost" Ecofundament named after M.V. Kim

PAVEL CHULBA Association "RAPET"

OVERCOMING THE BOUNDARIES: DEVELOPMENT OF AIR COMMUNICATIONS IN THE ARCTIC ZONE OF RUSSIA

Hall 8
12:00-13:30
DECEMBER 6, 2018

PANEL SESSION

Issues for discussion:

- The development of air traffic in the Russian Arctic
- Subsidizing passenger flights in the Russian Arctic.
- Aircraft for the needs of the Arctic
- Passenger transport by helicopters in the Arctic
- Reconstruction of airports in the Arctic zone of the Russian Federation

Moderator:

ANTON KOREN Director General of the Center for Strategic Development in Civil Aviation

Discussants:

OLEG KLIM Deputy Head of The Federal Air Transport Agency

ILYA BELAVINTSEV Deputy Director of the Department of State Policy in the Field of Civil Aviation of the Ministry of Transport of the Russian Federation

OLEG MISHUKOV Deputy Minister of Transport of the Arkhangelsk Oblast

DMITRY ZOTIN Deputy Minister of Transport of the Krasnoyarsk Krai



VADIM MIKHEEV	Head of the Department Competitive Analysis of Prospective Projects on Helicopter's Equipment and Marketing, Russian Helicopters, JSC
FEDOR BORISOV	Principal Expert Institute of Transport Economics and Transport Policy / Center for Transport Economics
SERGEI ANTSIFEROV	General Director, Vityaz Avia Corporation
VLADIMIR VORONOV	Director of the Center for Advanced Studies LLC "Kronstadt Group"
YURI PETROV	Founder of Motor Aircraft Repair Enterprise
VLADIMIR SKOROPUPOV	Executive Director of NP "Rosaviacenter"
ALEXANDER POPOV	Head of the Department of the Faculty of Engineering and Aerodrome Support, Russian Air Force Military Educational and Scientific Center "Air Force Academy"

13.30-14.30 Lunch

DEVELOPMENT OF ROBOTIC AND UNMANNED TECHNOLOGIES FOR THE ARCTIC

Hall 10
14:30-16:00
DECEMBER 6, 2018

WORKING SESSION

Issues for discussion:

- Features of the use of UAVs in the Russian Arctic
- Prospects for the use of unmanned and robotic systems in the enterprises of the Arctic zone of the Russian Federation
- Underwater robots to search for hydrocarbons in the Arctic
- Creation of a robotic complex for underwater drilling on the Arctic shelf

Moderator:

ANDREY SCHEGLOV Professor at the ITMO Faculty of Software Engineering and Computer Engineering

Discussants:

VLADIMIR DMITRIEV	General Director of Concern Kalashnikov JSC
VLADIMIR PEREKRESTOV	Advisor to the General Director of Russian Institute of Radionavigation and Time RIRT
EVGENY TOPOROV	Chief Designer of The Central Design Bureau for Marine Engineering "Rubin"
ANTON YUDINTSEV	Deputy Director for Scientific Research Institute Automation and Electromechanics TUSUR
ALEXEY BLINKOV	Deputy Head of the St. Petersburg Maritime Technical University
RAISA MALYSHEVA	Project Manager, Analyst of the Project Office of the National Technology Initiative of RVC JSC
ALEXANDER MILEVSKY	Federal State Budgetary Educational Institution of Higher Education «Tambov State University named after G.R. Derzhavin»
EVGENY VOROBEV	Head of the Department of Information Security, St. Petersburg State Electrotechnical University "LETI"

CREATING TRANSPORT ACCESSIBILITY: LAND AND INLAND WATER TRANSPORT IN THE ARCTIC

Hall 4
14:30-16:00
DECEMBER 6, 2018

PANEL SESSION

Issues for discussion:

- The development of railway infrastructure in the Russian Arctic
- Construction and reconstruction of roads in the Arctic
- Infrastructure development of inland waterways in the Russian Arctic
- Mechanisms for attracting investment in infrastructure projects
- Construction and modernization technologies of the transport infrastructure in the Arctic
- Vehicles for use under extreme climatic conditions

Moderator:

ALEXANDER KHODACHEK President of the National Research University Higher School of Economics in St. Petersburg

Discussants:

NIKOLAY VERIYCHUK	Deputy Head of Northwest Territorial Administration Roszheldor
EVGENY VAROV	Chief Engineer Federal State Institution Uprdor "North-West"



FEDOR SHISHLAKOV	Acting Head of Volga Balt Administration
DMITRY SOSNIN	Minister of Transport and Road Management of the Murmansk Oblast
DMITRY ZOTIN	Deputy Minister of Transport of the Krasnoyarsk Krai
OLEG MISHUKOV	Deputy Minister of Transport of the Arkhangelsk Oblast
YAKOB KRAFT	General Director of Yamal Railway
PAVEL SEMIZOROV	Deputy of the Legislative Assembly of the Krasnoyarsk Krai
ALEXANDER VYLITOK	Head of the International Research and Educational Center "Arctic Transport Systems and Technologies" of "Federal State Institution of Higher Education «Russian University of Transport» (RUT - MIIT)"
EVGENY KOROTKOV	Technical Director of Poroglass Group LLC
YURY VASILYEV	Head of the Department of Road Construction Materials MADI
ANASTASIA SAVKINA	Head of Commercial Service of JSC "Bryansk Automobile Plant"
ALEXANDER BLOKHIN	Head of the laboratory "Special machines and mechanisms", R.E. Alekseev Nizhny Novgorod State Technical University
SVETLANA KRAVCHUK	Head of Innovative and Creative Laboratory, The Ural State University of Architecture and Art (USUAA)

MINING INDUSTRY COMPLEX OF THE ARCTIC ZONE OF THE RF: NEW FRONTIERS AND SOLUTIONS

Hall 9
14:30-16:00
DECEMBER 6, 2018

PANEL SESSION

Issues for discussion:

- Development of the mineral resource base of the Arctic region
- The main problems of the development of mining enterprises
- Construction of new facilities and the introduction of promising technologies for the development of mineral deposits
- Improving the regulatory framework for subsoil use

Moderator:

DMITRY KOZLOVSKY Head of Information and Analytical Center of N.M. Fedorovsky All-Russian Scientific Research Institute of Mineral Raw Materials

Discussants:

OLGA KUZNETSOVA Deputy Governor of the Murmansk region

ALEXANDER KREMENETSKY Advisor to the General Director of "Institute of Mineralogy, Geochemistry And Crystalline Chemistry of Rare Elements"

DMITRY KOZLOVSKY Head of Information and Analytical Center of N.M. Fedorovsky All-Russian Scientific Research Institute of Mineral Raw Materials

KONSTANTIN LOBANOV Institute of Geology of Ore Deposits, Petrography, Mineralogy and Geochemistry

MARINA SLUKOVSKAYA Senior Researcher, Kola Scientific Center, Russian Academy of Sciences

ARCTIC MUNICIPALITIES: FROM SURVIVAL TO SUSTAINABLE DEVELOPMENT

Hall H22-23
14:30-16:00
DECEMBER 6, 2018

ROUND TABLE

Issues for discussion:

- Features of the development of Arctic cities and settlements
- Support mechanisms for municipalities of the Arctic zone of the Russian Federation
- Attracting investment in the Arctic territories
- Effective interaction of city-forming enterprises and the urban community

Moderator:

IGOR SHPEKTOR President of the Union of Arctic Circle and High North Towns, representative of the commission on housing and public utilities, construction and roads of the Civil Chamber of the Russian Federation



Discussants:

DMITRY SHATOKHIN	Member of the Council of Federation Committee on Budget and Financial Markets
YURI DOLGIKH	Head of the municipality "Urban District" Town of Naryan-Mar "
ALEXANDER PESTRYAKOV	Chairman of Norilsk Council of Deputies
DENIS POPOV	Head of Municipality "Kem urban settlement"
OLEG BELAK	Head of the municipality "Urban District" Town of Naryan-Mar "
EVGENY NIKITIN	Head of the municipality "Town of Igarka "
ILYA DAVYDENKO	Head of Administration "Town District Anadyr", Member of the Presidential Council for the Development of Local Government, Member of the Presidium of the All-Russian Congress of Municipalities
VLADIMIR MILOSLAVSKY	Chief Specialist of the Administration of the Administration of the municipality "Bulunsky Ulus" urban locality Tiksi
IGOR SUKHOTIN	Head of the Charity Programmes Department of the Social Policy Department of PJSC MMC Norilsk Nickel
MIKHAIL GMYRIN	Chairman of the Association "Arctic Municipalities"
VILENA VALEEVA	Researcher at the University of Potsdam (IASS Potsdam)

INDIGENOUS PEOPLES OF THE ARCTIC: TRADITIONS AND MODERNITY. FINDING A BALANCE

Hall 8
14:30-16:00
DECEMBER 6, 2018

WORKING SESSION

Issues for discussion:

- Preservation and development of the traditional way of life, management and crafts of the indigenous peoples of the Arctic
- Legal regulation of issues related to the use of natural resources and land by indigenous peoples of the North
- Monitoring of the socio-economic situation of the indigenous minorities of the North, Siberia and the Far East of the Russian Federation
Support for young indigenous peoples of the North
- Reindeer breeding as an integral part of the traditional lifestyle of the indigenous people

Moderator:

GRIGORII LEDKOV President of the Russian Association of Indigenous Peoples of the North, Siberia and Russian Far East, Deputy Chairman of the State Duma Committee on National Affairs

Discussants:

MIKHAIL MISHIN	Deputy Head of the Federal Agency for Nationalities
GALINA GABUSHEVA	Minister of National Policy of the Republic of Komi
ELENA GOLOMAREVA	Chairman of the Standing Committee of the State Assembly (Il Tumen) of the Republic of Sakha (Yakutia)
ALEXANDER NOVYUKHOV	Deputy of the Duma of the Khanty-Mansiysk Autonomous Okrug - Ugra, member of the Assembly of Representatives of Indigenous Minorities of the North, Vice President, Association of Indigenous Minorities of the North, Siberia and the Far East of the Russian Federation
SERGEY SIZONENKO	Deputy of the Taimyr Dolgan-Nenets District Council of Deputies, Chairman of the Standing Committee on the Affairs of the Indigenous Minorities of Taimyr and Agriculture
IRINA SAMSONOVA	Head of the Department of Ethnosocial and Ethno-Economic Research of Geosystems of the Academy of Sciences of the Republic of Sakha (Yakutia)
SERGEY TIMOSHKOV	Advisor to the First Deputy Governor of the Khanty-Mansiysk Autonomous Okrug - Ugra
YEREMEY AIPIN	Deputy Chairman of the Duma of the Khanty-Mansiysk Autonomous Okrug - Ugra, Chairman of the Assembly of Representatives of Indigenous Minorities of the North

16.00-16.30 Break



PROTECTION AND MANAGEMENT OF FORESTS OF THE ARCTIC ZONE OF THE RF

Hall 9
16:30-18:00
DECEMBER 6, 2018

WORKING SESSION

Issues for discussion:

- Features of the use and reproduction of forests of the Arctic zone of the Russian Federation
- Protection of forests of the Arctic zone of the Russian Federation
- Boreal forests and climate change in the polar region
- Preservation of environmental and socio-economic functions of tundra forest
- International cooperation on the boreal forests

Moderator:

YURI BELENKY Rector of the St. Petersburg State University of Forestry Engineering named after S.M. Kirov

Discussants:

ALEXEY SHARONOV Advisor to the Department of Forest Use and Reproduction of the Federal Forestry Agency

EVGENY NIKORA Deputy Governor of the Murmansk Oblast

VLADIMIR PROKOPIEV Chairman of the Standing Committee of the State Assembly (Il Tumen) of the Republic of Sakha (Yakutia) on land relations, natural resources and ecology

OKSANA GONTAR Acting Director of "Polar Alpine Botanical Garden-Institute named after N.A. Avrorina" Kola Scientific Center of the Russian Academy of Sciences

LYUDMILA KONOREVA Researcher of Komarov Botanical Institute of the Russian Academy of Sciences

VIKTOR BURKO Director "Nursery of conifers (cedar, larch, spruce, pine) on the Arctic Circle"

MY HOME IS THE ARCTIC. HOW CAN THE QUALITY OF LIFE IN THE NORTHERN REGION BE IMPROVED?

Hall 10
16:30-18:00
DECEMBER 6, 2018

ROUND TABLE

Issues for discussion:

- Mechanisms for creating favorable conditions for comfortable living in the polar region
- Social policy of the state and business
- Stimulating internal labor migration and reducing the outflow of qualified personnel
- Social support for children in the Arctic
- The legacy of the Arctic as a basis for educating the younger generation

Moderator:

DMITRY SHATOKHIN Member of the Council of Federation Committee on Budget and Financial Markets

Discussants:

IGOR SUKHOTIN Head of the Charity Programmes of the Social Policy Department of MMC Norilsk Nickel

SERGEY KHARYUCHI President of the Board of the Association World Reindeer Herders

MIKHAIL AMOSOV Deputy of the Legislative Assembly of St. Petersburg

GENNADY TOLSTYKH Head of the Department for the Development of the Social and Labor Sphere of the Arctic Research Center of the Academy of Sciences of the Republic of Sakha (Yakutia)

OLGA STEFANOVA Director of Radio "Russian Arctic"

PHILIP ABRYUTIN Program Director, Art Director of the "Golden Raven" International Arctic Film Festival

OKSANA LAKHNO Producer of the International Arctic Film Festival "Golden Raven"



CLIMATE CHANGE AND MELTING OF PERMAFROST THAW

Hall 4

16:30-18:00

DECEMBER 6, 2018

ENGLISH
SPEAKING

Issues for discussion:

WORKING SESSION

- The impact of Arctic climate change on human activities in the region
- International cooperation on climate change issues
- Cryolithozone degradation. Creating a national permafrost monitoring network
- Legal basis of state policy in the field of permafrost protection

Moderator:

OLEG ANISIMOV Head of Climate Change Research Department of the State Hydrological Institute

Discussants:

MAXIM YAKOVENKO Head of the Federal Service for Hydrometeorology and Environmental Monitoring of the Russian Federation

VLADIMIR PROKOPIEV Chairman of the Standing Committee of the State Assembly (Il Tumen) of the Republic of Sakha (Yakutia) on land relations, natural resources and ecology

LASSE H. PETERSSON Chairman of the Standing Committee of the State Assembly (Il Tumen) of the Republic of Sakha (Yakutia) on land relations, natural resources and ecology

BENJAMIN HORTON Professor at Nanyang University of Technology in Singapore

GENNADY MATISHOV Southern Scientific Center of the Russian Academy of Sciences

ALEXANDER AZAROV Senior Researcher of OKB LEMZ PJSC "NPO" Almaz "

GENRIKH ALEKSEYEV Chief Researcher - Head of the Department of Ocean and Atmosphere Interaction "Arctic and Antarctic Research Institute"

NIKOLAY DIANSKY Head of the department "Numerical modeling of hydrophysical processes" of N.N.Zubov State Oceanographic Institute

ANATOLY ZHOZHNIKOV Director of the Center for Digital Cultural Heritage of Indigenous Peoples, Head of the UNESCO Department of FSFEI HE M.K. Ammosov North-Eastern Federal University

ARTIFICIAL LIVING ENVIRONMENT IN THE EXTREME CLIMATIC CONDITIONS OF THE ARCTIC

Hall H22-23

16:30-18:00

DECEMBER 6, 2018

Issues for discussion:

WORKING SESSION

- People-saving is integrated security, demographic harmonization, innovative medical and physiological adaptation and rehabilitation technologies, socio-economic self-sufficiency.
- Nature-saving is conservation - alternative energy, environmental technology, metered, environmentally friendly, environmental management.
- Culture-saving is the preservation of the traditional lifestyle and culture of the indigenous population.

Moderator:

VITALY TROSHIN Chairman of the Commission on the Arctic, Antarctic and North Issues of the International Academy of Architecture, Chairman of the Commission on the Arctic, Antarctic and North Issues of the Union of Architects and the Union of Artists of St. Petersburg.

ANDREY LOBANOV Deputy Chairman of the Committee on Arctic Affairs of St. Petersburg - Head of the International, Scientific, Educational and Design Department

Discussants:

GERMAN SHIROKOV Chairman of the St. Petersburg Committee on Arctic Affairs

GEORGY STOILOV President of the International Academy of Architecture

SERGEY GALEEV Professor, Department of Industrial Architecture, Moscow Architectural Institute

MIKHAIL IGNATIEV Professor of Saint Petersburg State University of Aerospace Instrumentation

ANDREY BOKOV President of the Moscow branch of the International Academy of Architecture

MIKHAIL MAMOSHIN Vice President of the St. Petersburg Union of Architects, Academician of Architecture, Professor of the International Academy of Architecture

VASILY PUNTUS Polar explorer

VLADIMIR SHCHITINSKY First Deputy Chairman of the Arctic Commission of the St. Petersburg Union of Architects, Professor, North-Western Directorate of Agricultural Sciences, RANEPa at the President of the Russian Federation

VALERY LESCHINSKY Corresponding Member of the Russian Ecological Academy



ASPOL BOARDING MEETING

Hall 7
16:30-18:00
DECEMBER 6, 2018

MEETING

During the Board meeting a report on the work of the IPO "Association of Polar Explorers" in 2018 will be received. The agenda of the meeting also includes reports on the activities of the regional offices of the ASPOL and the issue of preparation for the All-Russian holiday "Polar Explorers' Day" on May 21, 2019.

Registration of delegates to attend the Board meeting will be held on December 6, 2018 from 11:30 at the counter of the IPO "Association of Polar Explorers"

The meeting will be attended by delegates from 19 regional offices of the IPO "Association of Polar Explorers".

The Council will meet under the chairmanship of the President of the IPO "Association of Polar Explorers", Special Representative of the President of the Russian Federation for International Cooperation in the Arctic and Antarctic Artur Chilingarov.

18.00-20.00 Cocktails

DAY 3. DECEMBER 7, 2018

VISITING THE RURIKOVICHI AND ROMANOV EXPOSITIONS OF THE HISTORICAL PARK "RUSSIA - MY STORY"

10:30-12:00
DECEMBER 7, 2018

CULTURAL PROGRAM

For the participants of the Forum transfer is organized:

- 08:45** departure from the Hilton Hotel
- 09:45** departure from Moskovskaya metro station (212, Moskovsky Prospekt - stop opposite the House of Soviets)
- 10:30-12:00** tour of the exhibitions
- 12:15** Departure to the hotel Hilton St. Petersburg Expoforum (via Moskovskaya metro station)

32, st. Basseynaya
www.myhistorypark.ru



ABOUT THE RESOLUTION OF THE VIII INTERNATIONAL FORUM "ARCTIC: TODAY AND THE FUTURE"

December 5-7, 2018 in St. Petersburg, under the auspices of the IPO "Association of Polar Explorers", the VIII 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 |  Ways of regional development of the Arctic zone of the Russian Federation |
|  Bringing the future closer: equipment and technology for the Arctic |  Ways to improve the quality of life in the Arctic |
|  Arctic transport corridors: moving forward |  Preserving the future: the environmental development of the polar region |
|  Knowledge and competencies for the future of the Polar Region |  Time of new energy |
|  International cooperation in the Arctic: an open dialogue |  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

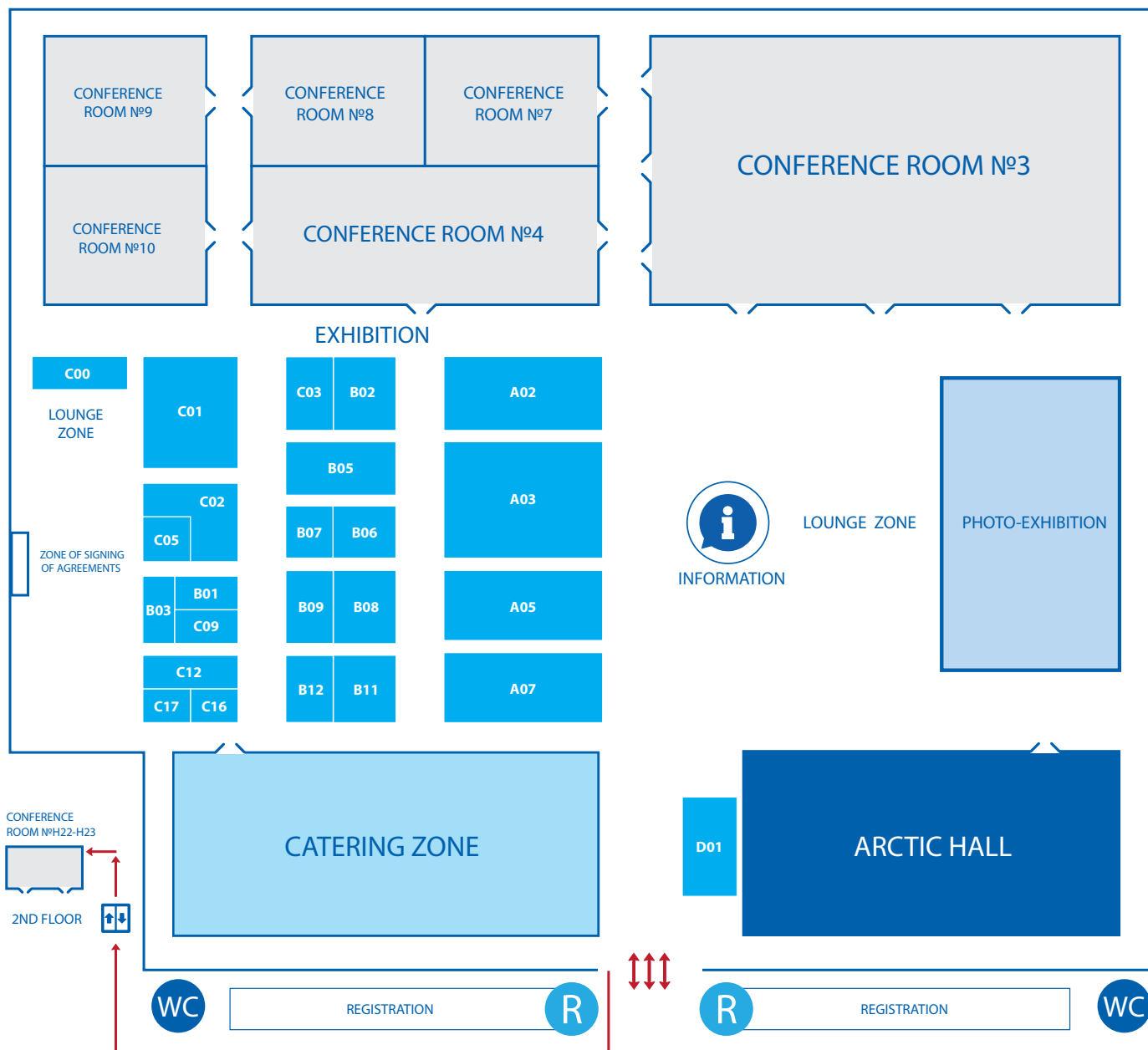
PROPOSALS ARE ACCEPTED UNTIL DECEMBER 20, 2018

Organizing Committee - tel / fax: +7 (812) 327-93-70

E-mail: itog@forumarctic.com

www.forumarctic.com

NAVIGATION PLAN



A02	United Shipbuilding Corporation Baltic Shipyard Severnoe Design Bureau CDB MT Rubin Vyborg Shipyard	A07	Concern VKO "Almaz-Antey" Bryansk Automobile Plant VNIIRA Obukhov State Plant Radio Equipment Factory Scientific and Research Institute of Measurement Instrumentation – Novosibirsk Plant named after the Komintern RIRT Pravdinsk Radio Factory	B08	KGK MARINE AND SHELF Arctic MARINE AND SHELF Projects MARINE AND SHELF Singapore Holding Pte MSDL group of companies
A03	Gazprom Neft Gazprom Neft Shelf Gazpromneft-Sakhalin	B01	Rosgosstrakh	B09	Utair
A05	Commission on Industrial Policy and Innovations of Saint-Petersburg Concern «Granit-Electron» Main Production and Technical enterprise Granit Safe Technologies "Scientific-production enterprise" Radar MMS " Avangard Spetsmashmetiz Polimerniy Cluster of "Processing of plastic" "Komsomolskaya pravda", St.-Petersburg Red Fox	B02	Government of the Murmansk Oblast Marine arctic geological expedition	B11	Federal Agency for State Reserves
		B03	Scientific Company of the Military Training Scientific Center of the Navy	B12	Federal State Budgetary Educational Institution of Higher Education «Tambov State University named after G.R. Derzhavin»
		B05	TRECOL	C00	Press stand
		B06	OKBM Afrikantov	C01	Chaika Service
		B07	Moscow Institute of Physics and Technology	C02	EMERCOM
				C03	Interregional public institution "Institute of engineering physics"
				C05	TASS
				C09	Saint Petersburg Mining University
				C12	Sherp
				C16	NVIOkeanologia
				C17	OCEANOS Saint Petersburg state Marine Technical University
				D01	Association of Indigenous Peoples of the North, Siberia and the Far East of the Russian Federation



FORUM PARTNERS



STRATEGIC PARTNER



OFFICIAL PARTNER



PARTNER OF THE FORUM



PARTNER OF THE FORUM

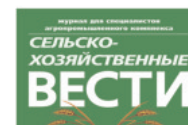
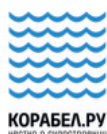
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INFORMATION PARTNERS





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