

# INTERNATIONAL FAR EASTERN MARITIME SHOW PROGRAMME

26–28 JULY 2018, VLADIVOSTOK

Programme accurate as at July 25, 2018

27 July 2108

**09:00–10:15**

FEFU  
Plenary Session and  
Business Programme  
Hall (Blue Hall)

## Shipbuilding in the 21st Century. Being Competitive in the Asia-Pacific Region

Developing shipbuilding, a complex, hi-tech sector, is of crucial significance: this is the basis for achieving defence and socioeconomic objectives; it means demand for qualified personnel and research results; it means more orders for Russia's metallurgy, engineering and other industrial sectors, and a powerful resource for developing entire regions of Russia. Thus it is important to intensify scientific and technological progress and to introduce innovations into shipbuilding. Today, Asia Pacific is a highly competitive region where potential customers both choose the best on offer and have become manufacturers themselves.

Will Russia succeed in creating a special hi-tech shipbuilding segment? Will the Russian shipbuilding sector manage to attract finance, new technologies and cutting-edge global practices?

### Moderator:

- **Yuriy Kulchin**, Fellow and Member of the Presidium, Russian Academy of Sciences; Director, Institute of Automation and Control Processes of the Far Eastern Branch of the Russian Academy of Sciences

### Panellists:

- **Sergey Bakanev**, Deputy General Director for Production, Vostochnaya Verf
- **Roman Glushak**, Head, Representative office in the Far East Federal District, Russian Export Centre
- **Lev Klyachko**, Adviser to the Deputy General Director of the Marine Board under the Government of the Russian Federation, Member of the Marine Board, and Chairman of the Scientific and Expert Council of the Marine Board
- **Ilya Panteleyev**, Director, Marketing and Sales Department, United Shipbuilding Corporation
- **Alexey Yukhnin**, Deputy General Director for Shipbuilding and Military-Technical Cooperation, Nevskoe Design Bureau

**09:00–10:15**

FEFU  
Morinsist-Agat Hall  
(Building A, Level 5)

JSC Concern Morinformsystem-Agat JSC

## Russian Speed Boats: Fulfilling Unique Potential

The enormous potential of domestic high-speed shipbuilding, so rich in unique competencies, has thus far gone unrealized. The majority of the country's high-speed passenger fleet (approximately 90 percent) exhibits a high degree of obsolescence and physical deterioration. Modern high-speed shipbuilding needs to rethink its role in the development of the industry as whole, one of systemic importance and capable of giving new impetus to the development of maritime conveyance on regional and international freight and passenger routes.

Do the unique competencies in high-speed shipbuilding have what it takes to drive the development of maritime transport infrastructure? Is the shipbuilding industry ready to mass produce high-speed vessels for domestic and foreign markets? What tools of public-private partnership are needed to further develop high-speed shipbuilding?

### Moderator:

- **Georgy Antsev**, General Director and General Designer, Morinformsystem-Agat Concern

### Panellists:

- **Alexey Alexeyev**, Member of the Board of Directors, Alexeyev's Hydrofoil Design Bureau; Director, Project Support and Development Centre, Radar MMS Scientific and Production Enterprise
- **Nikolay Borisov**, Deputy General Director and General Designer for Military and Technical Policy, Morinformsystem-Agat Concern
- **Mikhail Kholosha**, Deputy Director for Research, Vostochny Far Eastern Marine Research, Design and Technology Institute

- **Ilya Panteleyev**, Director, Marketing and Sales Department, United Shipbuilding Corporation
- **Dmitry Stoyanov**, Deputy General Director for Civilian Maritime Facilities, CSRI Kurs

**09:00–10:15**

FEFU  
Conference Hall No. 1  
(Middle Hall)

**Digital Navigation: from Regulation to Implementation**

Nautical tourism is one of the fastest-growing global tourism areas. In 2017, there were about 26 million cruise tourists alone in the world. Russia, with its unique nature, its network of rivers and surrounding seas has, indeed, tremendous potential. In 2019, Russia will launch a new programme for developing tourism. A special place on the programme is given to developing nautical tourism.

How do we make nautical tourism attractive for investors? How do we combine the interests of business and the state in developing nautical tourism? Can Russia independently provide competitive vessels for potential tourist routes?

**Moderator:**

- **Vitaly Khovanets**, Director, Information Technologies Department, Nevelskoi Maritime State University

**Panellists:**

- **Dmitry Borisov**, Chief Specialist, LookOut Commercial Department for the Siberian and Far Eastern Federal Districts, ServiceSoft Group of Companies
- **Sergey Makeyev**, Department Director, Neva Shipbuilding Plant
- **Ekaterina Medvedeva**
- **Yekaterina Sokolova**, Development Director, Marineo
- **Nikolay Zorchenko**, Acting Rector, Far East State Technical Fisheries University

**10:45–12:00**

FEFU  
Plenary Session and  
Business Programme  
Hall (Blue Hall)

**Localization and Cooperation in Production in the EAEU**

Creating and developing a single economic space within the Eurasian Economic Union is intended to establish production chains in many important industrial sectors. Goals associated with improving the level of production localization play one of the key roles in industrial cooperation. Cooperation between EAEU countries in this area could improve the competitive edge of Russia's shipbuilding industry while simultaneously promoting Russia's enterprises to upper positions in regional added value chains.

What opportunities do EAEU member states have for specializing in shipbuilding? What practical tools are there encouraging companies to cooperate? Do EAEU enterprises have the requisite in personnel, technologies and equipment potential?

**Moderator:**

- **Lev Klyachko**, Adviser to the Deputy General Director of the Marine Board under the Government of the Russian Federation, Member of the Marine Board, and Chairman of the Scientific and Expert Council of the Marine Board

**Panellists:**

- **Dmitry Mudrov**, Project Head, Composite Shipbuilding
- **Vladimir Seredokho**, General Director, Sredne-Nevisky Shipbuilding Plant
- **Sergey Sidorsky**, Member of the Eurasian Economic Commission Board (Minister) in Charge of Industry and Agroindustrial Complex; Doctor of Technical Sciences, Honorary Professor, Belarusian State University of Transport
- **Dmitry Stoyanov**, Deputy General Director for Civilian Maritime Facilities, CSRI Kurs
- **Valentin Sudyukov**, Chief Engineer, Kirov Machine-Building Plant

**10:45–12:00**

FEFU  
Conference Hall No. 3  
(Maritime Hall)

**Oceaneering**

Hardly anyone doubts the topicality of exploring seas and oceans. There has been major progress in developing technological means for human exploration and exploitation of the ocean. This progress was made possible by new methods and technologies, by extensive cooperation in running innovative projects, research, and design and development work. Today, the scale of oceanological research is expanding and there is a huge range of applied, manufacturing, and military tasks requiring deep-water equipment. A comprehensive resolution to the problem of exploring the World Ocean is in the interests of all countries' economic development and security.

Is Russia today capable of independent comprehensive exploration of the World Ocean? How do we attract private investors into developing the research segment? What Russian technologies in the area have commercial potential?

**Moderator:**

- **Polina Stepanenko**, Public Relations Director, Pacific Media

**Panellists:**

- **Konstantin Berezhnoy**, First Category Engineer, Krylov State Research Centre
- **Lev Kiselev**, Doctor of Technical Sciences; Chief Research Fellow, Marine Technologies Institute of the Far Eastern Branch of the Russian Academy of Sciences
- **Konstantin Roginsky**, Director, Laboratory of Underwater Research and Testing Equipment at the Oceanography Institute of the Russian Academy of Sciences
- **Igor Shakalo**, Acting Vice President for Civilian Shipbuilding, United Shipbuilding Corporation
- **Alexander Shcherbatyuk**, Director, Maritime Technologies Institute of the Far Eastern Branch of the Russian Academy of Sciences
- **Alexey Yuxhnin**, Deputy General Director for Shipbuilding and Military-Technical Cooperation, Nevskoe Design Bureau

**10:45–12:00**

FEFU  
Conference Hall No. 1  
(Middle Hall)

**Priorities for the Development of the Russian Shipping Industry****Moderator:**

- **Yaroslav Semenikhin**, General Director, "FEMRI" JSC

**Panellists:**

- **Mikhail Kholosha**, Deputy Director for Research, Vostochny Far Eastern Marine Research, Design and Technology Institute
- **Andrey Makeyev**, Director of Development, Volunteer Fleet
- **Sergey Makeyev**, Department Director, Neva Shipbuilding Plant
- **Altair Tyumenev**, Director, Pacific Maritime Department, Federal Service for Supervision of Natural Resources
- **Sergey Zatepyakin**, Head of R&D Department, Nevelskoi Maritime State University

**13:00–14:30**

FEFU  
Plenary Session and  
Business Programme  
Hall (Blue Hall)

Plenary session

**WATER TRANSPORT IN THE ERA OF DIGITALIZATION AND NEW TECHNOLOGIES**

Reviving hi-tech manufacturing, including shipbuilding, in Russia's Far East is both an objective for regional development and a way for Russia to improve its overall competitive edge. Practical application of new technologies in shipbuilding will determine forward-looking steps toward introducing digitalization in areas from manufacturing to navigation. The agenda features issues of localising equipment manufacturing and expanding cooperation.

**Moderator:**

- **Tatyana Berezhnaya**, Deputy Director, Television and Radio Information Service, Vladivostok State Television and Radio Broadcasting Company

**Panellists:**

- **Sergey Avakyants**, Admiral and Commander-in-Chief of the Pacific Fleet
- **Yury Borisov**, Deputy Chairman of the Government of the Russian Federation
- **Oleg Ryazantsev**, Deputy Minister of Industry and Trade of the Russian Federation
- **Igor Shakalo**, Acting Vice President for Civilian Shipbuilding, United Shipbuilding Corporation
- **Andrey Shishkin**, Vice-President for Energy, Localization and Innovation, Rosneft
- **Andrey Tarasenko**, Acting governor of Primorsky Region

28 July 2018

**09:00–14:00**FEFU  
Conference Hall No. 3  
(Maritime Hall)

JSC Concern Morinformsystem-Agat JSC

**MariNet National Technology Initiative Conference (presentation of projects)**

SESSION A-1. High-tech in the maritime sector:

- 1) The use of laser technologies in shipbuilding and ship repair
- 2) Prospects for the development of robotics in the Far Eastern Federal District
- 3) Using neural network technologies to develop a method for recognizing sea targets and a system for its implementation

SESSION A-2. Training personnel for the MariNet market:

- 1) Preparing sailors for work in the Arctic and Sub-Arctic Seas
- 2) Swimming as a means of motivating cadets for professional activities
- 3) Digitalization in the maritime sector and maritime education

SESSION A-3 Innovative Shipbuilding:

- 1) Possible applications for sea-going all-terrain vehicles on air-supported caterpillar tracks
- 2) A trawler equipped with hydro-dynamic reception
- 3) Problems standardizing meteorological routing in modern electronic navigation
- 4) Systems of autonomous and semi-autonomous fishing processes
- 5) Prospects for the development of mariculture along Russia's Far Eastern sea coast and mechanisms for implementation
- 6) Technologies for high-resolution mapping of the seabed based on the results of tests conducted as a part of the MariNet MPAK-3D project
- 7) Modern Technologies Research Centre: Elimination of Oil Spills in Icy Conditions. First Results and Development Prospects

**Moderator:**

- **Denis Burov**, Vice Rector for Scientific Work, Admiral Nevelskovo Maritime State University; Director, Far Eastern Subgroup of the MariNet STI Working Group

**Panellists:**

- **Anatoly Azovtsev**, Chair of the Vessel Theory and Structure Department, Navigation Faculty, Nevelskoi Maritime State University
- **Vitaly Khovanets**, Director, Information Technologies Department, Nevelskoi Maritime State University
- **Valery Kobilyansky**, Project Director in the Far East, Morinformsystem-Agat Concern
- **Yuriy Kulchin**, Fellow and Member of the Presidium, Russian Academy of Sciences; Director, Institute of Automation and Control Processes of the Far Eastern Branch of the Russian Academy of Sciences
- **Sergey Maslennikov**, Head of the Laboratory of Ecology of Shelf Communities, Institute of Marine Biology, Far Eastern Branch of the Russian Academy of Sciences
- **Mikhail Mizyurkin**, Director of the Industrial Fisheries Laboratory, TINRO-Center
- **Sergey Moninets**, Dean, Environmental Safety and Shelf Development Faculty, Nevelskoi Maritime State University
- **Sergey Ogay**, Director, International Simulator Complex, Nevelskoi Maritime State University
- **Valery Pyatakovich**, Research Laboratory Director, Makarov Pacific Higher Naval School
- **Konstantin Roginsky**, Director, Laboratory of Underwater Research and Testing Equipment at the Oceanography Institute of the Russian Academy of Sciences
- **Yekaterina Sokolova**, Development Director, Marineo
- **Nikolay Zorchenko**, Acting Rector, Far East State Technical Fisheries University

**09:00–10:15**FEFU  
Plenary Session and  
Business Programme  
Hall (Blue Hall)**The Shipbuilder. The Availability of Industry Personnel**

The personnel issue in the shipbuilding sector is a key one. There are several principal problems in the area: an overall personnel shortage, shortage of professionals in remote regions and in towns, curricula that are ill-suited to the requirements of potential employers. Virtually every company working on shelf projects experiences staff shortages.

Breakthrough civil technologies are very important but it is just as important to ensure that there are professionals capable of developing such technologies.

What government-level solutions are there for the personnel problems in the shipbuilding sector? How do we motivate professionals to choose the job of shipbuilder? How do we build a well-aligned system

for training workers in the principal shipbuilding jobs?

**Moderator:**

- **Sergey Ogay**, Director, International Simulator Complex, Nevelskoi Maritime State University

**Panellists:**

- **Ksenia Averina**, Director of the Far Eastern Branch, HeadHunter
- **Sergey Maximov**, Amur Shipbuilding Plant
- **Vladimir Palmov**, Director, Centre Central Research Institute
- **Elena Vokhmina**, Deputy General Director for Personnel Policy, East Dockyard
- **Yury Zhuravel**, Provost for International Activities, Nevelskoi Maritime State University

**09:00–10:15**

FEFU  
Conference Hall No. 1  
(Middle Hall)

**Innovative Shipbuilding for Arctic Consolidation**

The Arctic region is gaining importance for global navigation. Technological development in shipbuilding and the level of ice melting are conducive to a more thorough exploration of the region as a regular route of the future. To take full advantage of the situation, we need to prepare the sector both technologically and commercially.

What areas will make the quickest transition to Arctic shipbuilding of a new type? What is the balance of relevant benefits and expenditures? Who are the best partners for cooperation as part of the process?

**Moderator:**

- **Olga Surikova**, Head of Far East Practice, KPMG in Russia and the CIS

**Panellists:**

- **Boris Antoshin**, Chief Technical Officer, Sevmash Production Association
- **Alexander Ryzhkov**, General Director, Iceberg Central Design Bureau
- **Igor Shakalo**, Acting Vice President for Civilian Shipbuilding, United Shipbuilding Corporation
- **Sergey Smirnov**, Director, Shipbuilding and Marine Equipment Production Cluster of the Arkhangelsk Region Association

**10:45–12:00**

FEFU  
Plenary Session and  
Business Programme  
Hall (Blue Hall)

**Upgrading and Developing the Fishing Fleet for Sustainable Yield of Bioresources**

In 2015, at the anniversary session of the UN General Assembly, 193 countries adopted 17 sustainable development goals, a programme intended to improve human life radically throughout the world by 2030. Virtually one third of the goals are in some manner related to various environmental aspects, one of them being directly related to preserving marine ecosystems. When the world's fishing fleets are actively trying to comply with the new requirements and standards, the Russian industry should not stand aside from the process. The vessels used in the industry need to undergo major upgrades.

How do we transition to a new fishing fleet that will not damage the sustainable development of ecosystems yielding bioresources? What will the transition cost and how do we minimise the outlays? What advantages does the transition hold for Russia's fishing fleet?

**Moderator:**

- **Mikhail Nenashev**, Chairman, Russian Public Movement for the Support of the Navy

**Panellists:**

- **Oleg Bratukhin**, Chairman of the Board of Directors, Russian Pelagic Research Company and Marine Engineering Company
- **Yury Kuznetsov**, Professor of the Industrial Fisheries Department, Far East State Technical Fisheries University; Doctor of Technical Sciences
- **Sergey Maslennikov**, Head of the Laboratory of Ecology of Shelf Communities, Institute of Marine Biology, Far Eastern Branch of the Russian Academy of Sciences
- **Ilya Panteleyev**, Director, Marketing and Sales Department, United Shipbuilding Corporation
- **Andrey Shvedov**, Vice Chairman, Fisheries Committee of the Khabarovsk Territory

**10:45–12:00**

FEFU  
Conference Hall No. 1  
(Middle Hall)

**Developing Nautical Tourism: What is the Potential for Growth?**

Nautical tourism is one of the fastest-growing global tourism areas. In 2017, there were about 26 million cruise tourists alone in the world. Russia, with its unique nature, its network of rivers and surrounding seas has, indeed, tremendous potential. In 2019, Russia will launch a new programme for developing

tourism. A special place on the programme is given to developing nautical tourism.

How do we make nautical tourism attractive for investors? How do we combine the interests of business and the state in developing nautical tourism? Can Russia independently provide competitive vessels for potential tourist routes?

**Moderator:**

- **Denis Kachkin**, Managing Partner and Director for Infrastructure and Private–Public Partnership Practice, Kachkin and Partners

**Panellists:**

- **Roman Glushak**, Head, Representative office in the Far East Federal District, Russian Export Centre
- **Alexey Kushnir**, Director of the International Relations and Tourism Department, Vladivostok City Administration
- **Alexandra Maximets**, General Director, Russtroyconsulting Holding Company
- **Tatyana Menshikova**, Deputy Director, Director of the Tourism Information Resources and Tourism Safety Department, Office of State Tourism Projects and Tourism Safety
- **Valeriy Nagorny**, General Director, Vladivostok Sea Terminal

**14:30–16:30**

FEFU  
Conference Hall No. 3  
(Maritime Hall)

MariNet National Technology Initiative Conference (presentation of projects)

**Open Session of STI MariNet Far Eastern subgroup**

Electric Scooter on Underwater Wings

Developing Cage Culture Technology for Far Eastern Trepang Juveniles to Reach a Viable Size in Open-Water Conditions in the Sea of Japan

Artificial Reproduction and Cultivation of the Chinese Mitten Crab

**Panellists:**

- **Ksenia Berdasova**, Prim Hunchun Corporation
- **Stanislav Chernyakovich**, Prom-Tech
- **Igor Pushkarev**, Prom-Tech
- **Darya Ronzina**, Zvezda Vostoka