

## 3rd International Scientific Conference

# ARCTIC: HISTORY AND MODERNITY

18-19 April 2018



St. Petersburg  
2018



## PREFACE

The theme of the Arctic, where geopolitical and economic interests of many countries intersect now, is truly relevant. In the Arctic ocean, Canada, Denmark, Norway, the United States and the Russian Federation (USSR) have a 370-kilometer exclusive economic zone off their shores. A part of the Arctic was owned by these countries in the 20s of the last century. In addition, more than 20 countries declare their readiness to develop deposits on the Arctic shelf, among them - India, China, South Korea, Brazil, Germany, Japan.

Against the background of increased interest in the Arctic in the modern world, it is important to report on a wide range of issues to a wide audience. These issues characterize historical, business, socio-political and other activities of Russia in the Arctic region. The issues of interaction between the Arctic countries in the conditions of modern realities and public diplomacy are also important.

The annual international scientific conference "The Arctic: history and modernity" is designed to unite the efforts of technical and humanitarian specialties representatives to develop and apply an interdisciplinary approach to the Arctic issue.

The third international scientific conference "The Arctic: history and modernity" was held on April 18-19, 2018 at Peter the Great St. Petersburg Polytechnic University. The co-organizers of the conference were the Institute of History of Natural Science and Technology named after S. I. Vavilov and the Institute of Robotics and Technical Cybernetics.

For the first time, co-organizers of the conference were: Darmstadt Technical University, Institute of Europe, RAS. In addition, some new partners were involved: the Museum of the World Ocean "Krasin Icebreaker", the Museum of the Arctic and Antarctica, the Project office of the Arctic development, Informational and analytical magazine "Regional energy science and energy supply", Murmansk Regional Museum, as well as the Murmansk State Technical University (MSTU).

The conference heard a wide range of views expressed and advocated by representatives of different countries. The conference was attended by 257 participants from Russia, France, Norway, Finland and India. 147 reports were heard. The "Geography" of the participants included such cities as St. Petersburg, Moscow, Murmansk, Apatity, Petrozavodsk, Arkhangelsk, Salekhard, Yakutsk and Astrakhan, Paris, Oslo, Helsinki, Boston, New Delhi.

The directions of the conference work were as follows:

- History of research and development in the Arctic
- Military security and strategic stability in the Arctic
- Problems of environmental and technical safety in the Arctic region
- International cooperation in the Arctic
- Problems and prospects of economic development of the Arctic zone of the Russian Federation
- Exploration and mining in the Arctic
- Historical and cultural heritage of the Arctic
- Tourism and its developmental prospects in the Arctic region
- Social geography of the Arctic
- Energy and clean technologies for the Arctic
- Arctic Robotics
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The most interesting papers were selected for publication in this collection:

- Social geography of the Arctic
- \* Historical geography of the Arctic region
- \* Ecology and protection of the Arctic environment
- \* Energy and clean technologies for the Arctic
- Economy of the Arctic environment

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