



INTERNATIONAL WINTER SCHOOL
“ENERGY, OIL AND GAS IN THE ARCTIC REGION”

11 - 17 March 2018

Arkhangelsk, Northwest Russia

On behalf of the [Northern Arctic Federal University](http://www.narf.ru) we are pleased to announce the call for applications for the **International Winter School “Energy, Oil and Gas in the Arctic Region”** which will be held in **11-17 March 2018** in Arkhangelsk.

Significant natural and energy resources, wide perspectives of economic and industrial development have made the Arctic Region the strategic territory for the leading economic and industrial countries. The limited exploration opportunities elsewhere in the world combined with technological advances make the Arctic increasingly attractive for the development. Scientist`s estimations count around 100 billion tons of oil equivalent only on shelf of the Arctic seas of the Russian Federation.

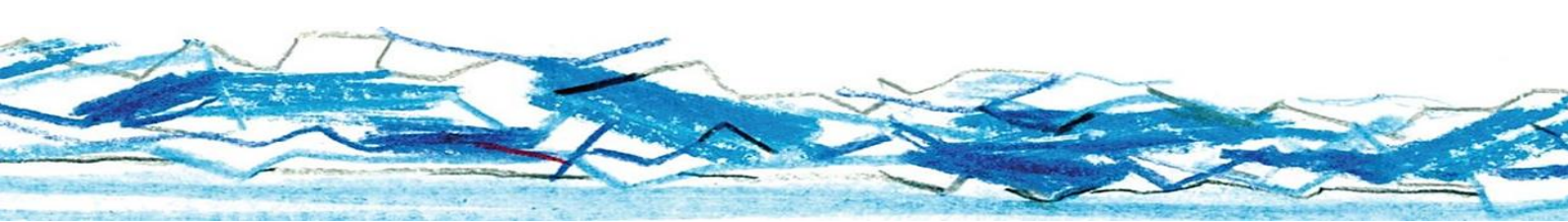
Exploration and development of oil and gas fields in the Arctic demand special equipment and technology along with great expenditures and efforts for work in severe climate conditions. Furthermore, the intensive usage of resources and increased mining activity put the environment at risk, and may cause natural and industrial disasters. Therefore, harnessing the considerable resources of the Arctic is going to be fraught with many technical, environmental and economic challenges that will demand multilateral cooperation and its addressing by different actors.

The programme of the International Winter School is designed by NArFU Higher School of Energy, Oil and Gas known for its extensive expertise and academic tradition in training highly qualified specialists for the Russian and international oil and gas clusters. The participants will receive complex overview of the oil and gas potential of the Arctic region, extend their knowledge in technological solutions of sea and shelf fields development in the north, discuss ecological problems.

PARTICIPANTS: BA/MA students

WORKLOAD: 3 ECTS

LANGUAGE OF INSTRUCTION: English



PROGRAMME:

The programme includes keynote lectures, workshops, interactive sessions, industrial enterprise and site visits. The students will make group presentations on topics given by the lecturers and experts at the beginning of the course.

The key issues to be addressed within the lecture modules:

- ❖ Perspective of oil and gas field development in the Arctic;
- ❖ Prospects of using different energy resources in the High North;
- ❖ Special features of the depositional environment of hydrocarbons in the Arctic zone;
- ❖ Laboratory studies of rock samples and hydrocarbons for sustainable development of oil and gas projects in the Arctic.

APPLICATION DEADLINE:

The application deadline is **February 15th**.

The prospective participants are kindly asked to register at the School web page https://narfu.ru/en/studies/winter_school/.

TRAVEL:

Arrival day: 11th March 2018.

Departure day: 17th March 2018.

FINANCING:

The participation fee – 12.000 RUB per participant. The fee includes airport/in-city transfers, course materials, accommodation (student dormitory), welcome and farewell buffets, information package, certificate for participation, and sport, social, cultural program. All payments are made on site. Every participant will receive invoice.

ORGANIZING COMMITTEE:

Higher School of Energy, Oil and Gas (NArFU)

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Should you have any question, please, do not hesitate to contact the organizers.

Looking forward to seeing you in Arkhangelsk in March!

