

*The II International Summer  
School in Petroleum Engineering  
“Samotlor-2018”*



If you want to learn more about oil and gas production and petroleum industry and have amazing holidays in Western Siberia, the most extraordinary region of Russia, simply join our summer school!

The course provides a comprehensive overview of Geology, Exploration and Production of hydrocarbons and the incredible experience of Samotlor Oil Field development lasting over 50 years.

Samotlor is the biggest oil field ever found on the territory of the former USSR and modern Russian Federation. It is famous all over the world. It was discovered in 1960s and played the tremendous role in the economy and history of the region and the whole state.

Never before oil producers dealt with drilling wells in the region of endless swamps, aside from civilization or any roads and settlements. Extremely low temperatures kept half a year and desperate need for new revolutionary technologies made Samotlor special oil field.

History of its discovery and exploration as well as geological and technological specific, its past and present development and modern state become the focus of “Samotlor Summer School-2018”.



It will take place in Nizhnevartovsk – the closest town-satellite of the famous oil field, which was founded in 1972, seven years after the first well of Samotlor had been drilled. Nowadays the town has an international airport and the population over a quarter of a million.



Samotlor Summer School students will be able to

- get unique information at first hand while attending over a dozen of lectures on History of Russian oil production industry, Geology, Petroleum development and Drilling technologies and equipment;
- visit oil production industrial companies and units;
- see historical, cultural and ethnical monuments located in Nizhnevartovsk and the capital of the region – Khanty-Mansiysk;
- meet Russian students and get acquainted with the Russian educational system.

Taking in consideration the fact that the summer school will last from August 27 to September 8 the participants will have the opportunity to meet and celebrate specific Russian traditional holidays. Both are surprisingly close to students' life and oil production specialists: The Russian Knowledge Day (The 1st of September) and The Day of the Employees of Oil-Producing Industry (traditionally annually celebrated on the first Sunday of September).

## Duration & Price



### Program dates:

**Arrival:**  
August 26, 2018

**Classes:**  
Aug 27 - Sep 8, 2018

**Departure:**  
Aug 8 - 9, 2018



### Duration

**2 weeks**



### Price

**600 €**

**Participation fee includes  
tuition fee, study  
materials, visits to  
companies and cultural  
program, accomodation**



**August 1**

Participants who need a  
visa to travel to the  
Russian Federation will be  
responsible for their own  
visa fee

## The cultural program includes:

Bus city tour for students to get acquainted with the history and monuments of the city;  
Excursion to the Khanty-Mansiysk museums of Geology, Oil and Gas; Ethnographic Open-Air  
Museum "Torum Maa"; Cultural and Tourist Complex "Samarovsky ostanets. Archaeopark»

## Eligibility:

Undergraduates, graduates and young professionals with a background in oil & gas or energy  
studies can apply for this Summer School.

**Professors and lecturers:** Industrial University of Tyumen professors and guest lecturers from  
companies

## Program partners:

"Rimera-Service" (Rimera Group), "Sibur Tyumen Gas" (PJSC SIBUR Holding), "Vareganneft"  
(PJSC Rosneft Oil Company)



**For further information or inquiries** contact Associate Professor Olga Drokonova, the coordinator  
for Samotlor Summer School 2018, via e-mail: [oldrok@yandex.ru](mailto:oldrok@yandex.ru)

## Preliminary Program

week from August 27 – September 2, 2018



Day	09:30 – 11:00	Coffee break	11:30 – 13:00	Lunch	14:00 – 15:30
Monday 08.27	Inaugural / Introduction Welcome ceremony		<b>Oil Producing Industry in Pre-revolutionary Russia</b> / prof. Maul V. Y.		<b>Excursion 1 / History and places of interest of Nizhnevartovsk</b>
Tuesday 08.28	<b>Samotlor and its Value</b> / prof. Maul V.Y.		<b>Excursion 2 / to the first well of the Samotlor "The History and the Current of the Samotlor Oil Field"</b> associate prof. Drokonova O.N.		
Wednesday 08.29	<b>Oil Producing Industry in the Soviet Union</b> / prof. Maul V.Y.		<b>The Trends of Development of the Western-Siberian Fuel-Energy Complex Over the Last 50 Years</b> / associate prof. Korabelnikov M.I.		<b>Excursion 3 / Nizhnevartovsk local history museum</b>
Thursday 08.30	<b>Geological Structure, Oil Reserves and the System of Development of Samotlor</b> / senior lecture Polischuk S.T.		<b>Excursion 4 / to the Oil Field Equipment Repairing Company "Rimera Service"</b> / associate prof. Korabelnikov M.I., associate prof. Drokonova O.N.		
Friday 08.31	<b>The Conditions of Hydrocarbons' Formation and Accumulation in the Earth's Interior</b> / senior lecture Polischuk S.T.		<b>Crude Oil and Gas Properties</b> / senior lecture Polischuk S.T.		
Saturday 09.01	<b>Celebration of the Russian Knowledge Day. Meeting the University new-comers (1st year students) and elder students</b> Discussion <b>"The Educational Systems of Russia and the West"</b> with participation of local and summer school students <i>Night bus travel to the capital of the region – Khanty-Mansiysk</i>				
Sunday 09.02	<b>Excursion 5 / to Khanty-Mansiysk museums (Museum of Geology, Oil and Gas; Ethnographic Open-Air Museum "Torum Maa"; Cultural and Tourist Complex "Samarovsky ostanets. Archaeopark»)</b> <i>Night bus travel back from Khanty-Mansiysk</i>				

## Preliminary Program

week from September 3 – September 8, 2018



day	09:30 – 11:00	Coffee break	11:30 – 13:00	Lunch	14:00 – 15:30
<b>Monday</b> 09.03.					<i>The Criteria of Estimating of Oil and Gas Reserves</i> / associate prof. Krivova N.R.
<b>Tuesday</b> 09.04.	<i>Oilfield chemicals</i> / associate prof. Markin A.N. /		<i>Excursion 6 / to Oil &amp; Gas Producing Joint Stock Company "SIBURTYUMENGAZ"</i> / associate prof. Drokonova O.N.		
<b>Wednesday</b> 09.05.	<i>Drilling Muds</i> / associate prof. Aksenova N.A.		<i>Well Completion</i> / associate prof. Aksenova N.A.		
<b>Thursday</b> 09.06.	<i>Investment Potential of KHMAO-Yugra Estimation</i> / associate prof. Kasatkina E.V.		<i>Excursion 7 / to Multi-Well Pad at the Site of Joint Stock Company "VAREGANNEFTEGAS"</i> / associate prof. Drokonova O.N.		
<b>Friday</b> 09.07.	<i>Offshore drilling</i> / associate prof. Lipatov E.Y.		<i>The time for a project preparation</i>		
<b>Saturday</b> 09.08.	<i>Feedback session</i> <i>"Samotlor as I Found it": Final Course Lesson – Summer School Students' Projects' Presentation and Discussion</i> / The summer school students are to prepare and present their projects, integrating the information got during the school, including geological, scientific, historical and cultural spheres if possible				