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Dear Colleague,

Historically, the oil and gas industry has experienced many drastic up and downs, but this year we realised that we are living in an era when old methods cannot cope with new challenges and they are not able to maintain the further dynamic development of the sector. Even taking into consideration all the risks and difficulties of innovations implementation, it is obvious that the oil and gas industry is in dire need of advanced breakthrough technologies. This is the only tool to stay the course and to bring production efficiency to a qualitatively new level.

Despite the extremely uncertain environment, we consider the current situation not as a barrier, but as an incentive for further development and an opportunity to search for new methods and discoveries. We can surmount these obstacles only if we remain united, continue our cooperation and share our experience, focusing on joining our efforts in the innovative technologies development and implementation.

Therefore, events such as the SPE Russian Petroleum Technology Conference are so important. According to the international oil and gas community, this conference remains one of the most respectable SPE events in Russia. This event gives each delegate a platform to discuss the latest developments in the industry, share real experience in technology implementation in a noncommercial and noncompetitive environment. It is very symbolic that this year the SPE Russian Petroleum Technology Conference will take place in Technopark Skolkovo – the cradle of innovations, where the science and production are merged under the same roof.

Detailed information about the conference programme is available within this brochure.

Mikhail Samoylov, RN – Peer Review and Technical Development Center

Alexey Sobolev, Geonaft

Alexey Pustovskikh, Gazpromneft STC
About the Conference

The largest SPE event in the region and the best oil and gas conference in Russia

The conference has a special status in the oil and gas community and is known as one of the most reputable events within the sector. All delegates highly appreciate the technical content of the programme, its scientific and practical value, and highly recommend visiting to their colleagues.

The extensive conference programme covers the most relevant industry topics, including hard-to-recover-reserves, hydraulic fracturing, well construction, EOR, geology, digitalisation and many more.

You can also take part in round tables, attend a Startup Competition, listen to lectures from renowned experts, and take part in the SPE Geosteering Cup.

Why participate

• **Expand** your technical knowledge with access to 200+ publications representing innovative knowledge and experience.
• **Discover** the latest technologies and developments to improve the productivity of your company.
• **Share** knowledge and experience with experts and industry leaders who face similar challenges.
• **Discuss** the most relevant industry topics with your colleagues from around the world.

Registration opens in July. Visit go.spe.org/20rptc-preview-en to learn more.

Disciplines

- Multi-disciplinary
- Health, Safety, Environment, and Sustainability
- Management and Information
- Projects Facilities and Construction
- Drilling
- Production and Operations
- Completions
- Reservoir Description and Dynamics

Learn more at go.spe.org/20rptc-preview-en

For professionals, it makes a great sense to participate in this conference, because here they meet with the elite of our industry and have the opportunity to share their ideas at the conference and gain technical knowledge.

Sergey Kolbikov, NOVATEK.
Thank You to Our Sponsors!

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SPE Regional Advisory Committee

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Nikita Golunov, Gubkin Russian State University of Oil and Gas

Pavel Im, VNIIneft

Aizhana Jussupbekova, NCOC, ExxonMobil

Sergey Kolbikov, NOVATEK

Michael Collins, Salym Petroleum Development N.V.

Afgan Huseynov, BP

Alexander Lyakhov, Belorusneft

Andrew McGrahan, Chevron

Ilkam Mukhametshin, RussGazBureniye

Viktor Petersiye, All-Russian Research Geological Oil Institute (VNIGNI)

Gokhan Saygi, Schlumberger

Igor Shpurov, State Committee on Reserves

Graeme Taylor, Halliburton

Mikhail Tokarev, Moscow State University, Oil and Gas Center

Vadim Voevodkin, LUKOIL-Engineering

Kevin Wilson, LUKOIL

About the Society of Petroleum Engineers

The Society of Petroleum Engineers (SPE) is a not-for-profit professional association whose more than 153,000 members in 143 countries are engaged in oil and gas exploration and production. SPE is a key resource for technical knowledge providing publications, events, training courses, and online resources at www.spe.org.
Conference Statistics

Companies*
- Operators: 40%
- Service companies: 33%
- Universities, R&D and IT: 27%

Popular Disciplines*
- Well Construction: 15%
- Hydraulic Fracturing: 10%
- Enhanced Oil Recovery: 10%
- Oilfield Development: 10%
- Modelling: 7%
- Hard-to-Recover Reserves: 7%
- Well and Formation Testing: 6%
- Digital Technologies: 6%

Job Titles**
- Engineer: 35%
- Geologist/Geophysicist: 16%
- Student: 10%
- R&D: 9%
- Executive: 8%


84% of attendees highly rated technical programme
95% of attendees would recommend this conference to colleagues
85% of attendees highly rated networking experience at the conference

Learn more at go.spe.org/20rptc-preview-en
Programme Committee

Co-Chairs

Mikhail Samoylov, RN-Upstream Peer Review and Technical Development Center

Alexey Sobolev, Geonaft

Alexey Pustovskikh, Gazpromneft STC

Members

Anton Ablaev, Skolkovo

Alexey Alexeev, The Bazhen Technology Centre

Vladimir Astafyev, Halliburton

Irina Bobb, Geoexpert Service

Semen Budenny, MIPT Center for Engineering and Technology

Kreso Butula, Schlumberger

Dmitry Chaplygin, SPD

Alexey Cheremisin, Skoltech

Marat Dulkarnaev, Povkhnftegaz

Denis Dzhafarov, Total

Vitaly Elichev, Wintershall

Andrey Evdokimov, EuroChem Group

Kamil Fatkullin, Baker Hughes

Ildar Fayzullin, Gazpromneft STC

Artem Fomkin, VNlineft

Maksim Gladky, TGT Technology Center

Fedor Grishko, SPD

Andrey Kharitonov, Halliburton

Vasily Kiselev, Geosplit

Sergey Kolbikov, NOVATEK

Maxim Koval, SamaraNiPineft

Vyacheslav Kretslu, Schlumberger

Yuliya Litvinenko, Rock Flow Dynamics

Pavel Markov, PITE Geophysics

Egor Mikhailitsyn, Oil Energy

Dmitriy Minderov, Symoil Group

Arslan Nasybullin, TatNiPineft

Marat Nukhaev, Siberian Federal University

Kirill Ovchinnikov, Geosplit

Yury Petrukov, Geonaft

Mikhail Popov, Halliburton

Mikhail Pustovalov, NOV Completion & Production Solutions

Artur Rastrogin, Sevzapnedra

Sergey Redkin, Weatherford

Petr Ryabtsev, AKROS

Konstantin Rymarenko, Independent Expert

Artem Semenikhin, IBM

Alexander Shandrygin, Gazprom Geologorazvedka

Nikolay Smirnov, PetroGM

Vyacheslav Solonitsyn, OILTEAM Engineering

Vladimir Solovyev, Arcticgaz

Dmitry Surnachev, ROXAR Services

Vil Syrtlanov, Baker Hughes

Olga Tatur, Geonaft

Alexander Timchuk, ZapSibNIIGG

Alexander Tsibrankov, Belorusneft

Mikhail Tsibulsky, Halliburton

Rim Valiullin, GeoTEK

Stanislav Vasyutkin, LUKOIL

Alexander Zamkovoy, TGT Oilfield Services

Alexey Zhivodkov, Total
Technical Categories

1. Hard-to-Recover Reserves
2. Enhanced Oil Recovery
3. Well Construction – Drilling and Completion
4. Oil and Gas Production - Equipment and Technologies. Production Gathering and Processing
5. Oilfield Equipment. Development, Manufacturing and Best Practices
7. Oilfield Development
8. Digital Technologies for Oil and Gas Industry
9. Static, Dynamic and Integrated Modelling
10. Geomechanics
11. Conceptual Engineering and Re-Engineering
12. Gas, Gas Condensate and Oil Gas Condensate Field Development
13. Core Analysis
14. Field Geology and Geophysics
15. Health, Safety and Environment
16. Well Logging
17. Production Stimulation and Hydraulic Fracturing

WHAT WE DO
- Production logging
- Well stimulation evaluation
- Solutions for digital oilfield

GEOSPPLIT® TECHNOLOGY IS CAPABLE:
- To perform dynamic multiphase production logging in a horizontal well for oil, water and gas
- To perform a stream of downhole data in a timeframe of several years
- To optimize performance of water flooding
- To manage production of horizontal lateral
- To leverage safety and service quality of field operations
- To reduce field development costs while improving hydrocarbon production

GEOSPPLIT is an international oilfield service company, developer of Quantum PLT® technology
Round Tables

Hard-to-Recover Reserves

Every year we face a steady deterioration in the structure of natural hydrocarbon reserves, namely, the share of so-called hard-to-recover reserves (HRR) which is rapidly growing. According to the common standards, the HRR category includes those reserves that can be developed only using non-traditional methods and technologies and therefore require increased investment and operating costs.

The following issues will be discussed within the framework during this round table:

• Types of oil and gas HRR. Correlation of the concepts of HRR and unconventional hydrocarbons.
• The role of HRR in oil and gas production while low oil prices.
• Existing problems of geological study of HRR.
• The effectiveness of existing technologies for developing HRR deposits of oil and gas.
• Innovations for the development of HRR deposits.
• The necessary activities to stimulate hydrocarbon production from HRR deposits.

Confirmed and invited speakers: Kirill Strizhnev, the Bazhen Technology Centre; Alexey Cheremisin, Skoltech, LUKOIL; Gazpromneft STC.

Digital Transformation

Each cycle of the industry digitalisation process raises new questions and challenges. While some digital technology trends are switching to the “plateau of productivity” phase, other areas demonstrate the “peak of inflated expectations” or even fall to the “frustration hole”.

The digital world offers new opportunities, which were not obvious several years ago. At the same time, we face that some old illusions are shattered, the deadlines and plans of their implementation are being adjusted.

This round table will address issues of the current state of the most prospective areas of digital transformation from the standpoint of successes, problems, challenges and prospects. Experts from leading companies will share their experience and highlight the digital transformation pitfalls and lessons learned, as well as their vision to the future perspectives of the current digital transformation cycle in the oil and gas industry.

Round Table topics include:

• Is a digital research a blind alley job?
• “Humanless” production and IoT
• Cloud technologies for subsoil tasks
• Digital twins of the oil and gas wonderland

Confirmed and invited speakers: Alexander Sudakov, Gazprom Neft; Konstantin Chaus, Sensia; Mikhail Popov, Halliburton; Dmitry Tatarinov, Geosplit; RN-BashNIPIneft.
Round Tables

Decarbonisation of the Oil and Gas Industry: Meeting the Challenges

In 2019, total greenhouse gas emissions in CO₂ equivalent amounted to 33 billion tons, and the share of oil and gas industry was 13% or 4.4 billion tons. This issue is especially topical for our country as Russia is ranked the fourth place in the world in terms of the greenhouse gas emissions among all the countries.

According to the global oil and gas community, the influence of greenhouse gas emissions on the global climate change is one of the key issues of the industry, which requires public discussions at the companies’ and governments’ levels.

Participants will discuss the following topics:

• Decarbonisation strategies in the companies
• Plans and case studies
• The most effective solutions to meet current challenges

Invited speakers: BP, Equinor, NOVATEK.

Formation Damage Control

The speakers at this Round Table will provide their views about specific well operations and reservoir drill-in fluids design practices that impact well performance. Discussions will include areas where our industry could improve current practices as well as areas where innovations are needed.

Theory and principles are reinforced by the extensive use of real field examples from different fields. The Round Table aims to demystify the subject of formation damage and promote a formation damage awareness culture, encouraging participants to challenge convention and think about the implications of damage throughout a field or well life cycle – from drilling to production.

Speakers: Petr Ryabtsev, AKROS; Anton Khomutov, Gazpromneft STC; Alexander Voloshin, RN-BashNIPinft; Viktor Gusakov, Bashneft-Petrotest.
Ask the Expert Hour

Monday, 12 October

Digital Rock Analysis for Enhanced Oil Recovery Solutions

Expert: Oleg Dinariev, Schlumberger

Oleg Dinariev Ph.D., Scientific Advisor, Schlumberger Moscow Research who has authored over 250 published papers will share his expert insight on Digital Rock Analysis for Enhanced Oil Recovery Solutions.

The development of complex formations with hard-to-recover reserves requires implementation of different enhanced oil recovery (EOR) techniques with yet insufficient field implementation experience. Moreover, EOR solutions must be based on reliable efficiency forecasts, which require detailed understanding of relevant pore-scale physical and chemical phenomena taking place in the reservoir. Laboratory core studies of EOR have well-known restrictions related to cost, time, reproducibility and optimisation. We propose the digital rock analysis for EOR justification.

Monday, 12 October

Correlation Between Hydraulic Fracturing and Geomechanics: Practical Aspects

Experts: Mikhail Samoylov, Rosneft Peer Review and Technical Development Center; Valery Pavlov, Tyumen Petroleum Research Center

Mikhail Samoylov, RN- Peer Review and Technical Development Center, and Valery Pavlov, Tyumen Petroleum Research Center, are team leaders and experts in hydraulic fracturing and geomechanics, authors of numerous articles, famous lecturers and SPE award-winning professionals. They will share their experience in supporting joint projects in hydraulic fracturing and geomechanics, multifunctional team interactions and solving problems to increase hydraulic fracturing efficiency.

The focus of the Russian oil and gas industry is inevitably shifting to hard-to-recover reserves. The term hard-to-recover reserves includes both unconventional reserves and classic oil and gas reserves, along with the development of which is complicated by geological and technological factors. Economic efficiency of the reservoir development is based on complex technical solutions with wide-spread methods: horizontal and multilateral well construction and multi-stage hydraulic fracturing. Drilling, well completion and hydraulic fracturing specialists are the “main users” of geomechanical data and “initiators” of geomechanical investigations. Therefore, formal and informal workgroups are organised to cover multiple projects.

The authors will present their vision on common approaches to solving joint problems, team workflow in and illustrate the results of both previously published articles and unpublished materials.
Ask the Expert Hour

Wednesday, 14 October

Russian Oil and Gas Industry Technology Priorities

Expert: Oleg Zhdaneev, Ministry of Energy of Russian Federation

Oleg Zhdaneev is head of the technology development centre of Russian Energy Agency of Ministry of Energy of Russian Federation, PhD. For more than 15 years, Dr. Zhdaneev worked at Schlumberger y as the head of manufacturing for Russia and Central Asia region. Member of the scientific and technical council of Ministry of Industry and Trade of the Russian Federation. Author of more than 50 publications, 17 patents and participated in 2 oilfield discoveries. A number of logging, drilling and testing tools have been developed under his supervision. The 2017 SPE Russia and Caspian Regional Management and Information Award Winner. The technology priorities defined in the Russian Energy strategy until 2035 is going to be at the centre of this discussion. We will discuss the need of the long term technology policy for the oil and gas sector, the demand to the related industries (metallurgy, electronics and chemistry), opportunities for the international technical cooperation (special focus on BRICS) and potential benefits from cooperation with the defense industry.

SPE ONLINE EVENTS

IN RUSSIA

Enhance Your Knowledge While Staying at Home.
Special Events

**Monday, 12 October**

**Room: Kazan**

**Startup Energy Competition**

This year we will also hold the first Startup Energy Competition. Young technology companies will present their innovative views on existing methods and technologies of the energy industry.

The competition includes short presentations to be evaluated by the jury. The company that presents the most effective and promising technological solutions will become the winner.

**Tuesday, 13 October | 0930–1755**

**Room: A3**

**SPE Geosteering Cup**

The first SPE Geosteering Cup will be held during the SPE Russian Petroleum Technology Conference. The teams representing their companies will compete in addressing various challenges in geosteering area using their software.

The championship will have one round followed by the winner being awarded The SPE Geosteering Cup.

**Regional Student Paper Contest**

The 2021 Student Paper Contest traditionally takes place alongside the SPE Russian Petroleum Technology Conference.

The contest has three divisions:

- Undergraduate Division
- Postgraduate Division: Masters and Diploma projects
- Candidates

This year winners are invited to attend the International SPE Student Paper Contest to be held at the 2021 SPE Annual Technical Conference and Exhibition.
Innovations: from Ideas to Best Practices

Moderators: Oleg Dubnov, Skoltech; Sergey Nikitin, Nedra

Opening presentation: Alexey Vashkevich, Gazprom Neft

Globally, thousands of new technologies for the oil and gas industry are generated, registered and patented each year. This highlights that there is no ‘lack of new ideas’ within our world, but a drive for development and innovation.

To support industry startups, the Government creates venture funds and implements special national programmes. However, at the same time, a very small number of these ideas and inventions are being introduced into oil and gas production practices. What is the obstacle? Why do ‘cemeteries’ of ideas appear?

Modern business planning is aimed at a quick financial result. The applied risk assessment systems do not promote the implementation of the new complex untested methods, solutions, and technologies. It could be suggested that this is the reason why these ideas are not considered at the examination stage.

However, in the current situation when reserves structure is deteriorating and we have to use complex geological objects, it is impossible to achieve acceptable financial results without introduction of new technologies, methods and approaches in oil and gas industry processes.

This plenary session aims to gain insight and share opinions on selection the criteria companies use when introducing innovations. Participants will discuss how innovations could respond to the upcoming challenges in the future and how to create a common Bank of Ideas and Technologies beyond boundaries and politics, which will be based on the free exchange of information under the umbrella of the Society of Petroleum Engineers.

During this session, experts will also share their companies’ best practices in innovations introduction, internal selection processes and how to scale successful technologies. Also, participants will be able to discuss how R&D centers interact with production, support systems for inventors and innovators and the current platforms available for technology transfer.

Igor Bogachev, ZYFRA; Lawrence Stein, Skoltech; Mustafa AlAli, Aramco Innovations LLC, Moscow; Artem Karapetov, Schlumberger; Igor Shpurov, State Committee on Reserves; leaders and experts of Equinor will take part in the discussion.
### Technical Programme

#### Technical Session Hard-to-Recover Reserves

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| 201809 | Prospects for the Oil and Gas Potential of the Khadem Shale Deposits in the Eastern Ciscaucasia  
V. Kalabin, LUKOIL-Engineering |
| 201810 | Summary of Five-Year CSS Pilot for Carbonate Deposits of Natural Bitumen at Boca de Jaruco Field in Cuba  
A. Osipov, VNIIneft; O. Petrushov, T. Azimov, A. Solovyev, Zarubezhneft |
| 201811 | Multivariate Optimisation of the Development System for Low-Permeability Reservoirs of Oil Fields of the Achimov and Tyumen Formations  
A. Fedorov, I. Dilmukhametov, A. Povalyaev, M. Antonov, RN-BashNiPineft; A. Sergeychev, Rosneft |
| 201812 | The Results of Pilot and Industrial Application of Thermal-Gas-Chemical Well Treatment with Binary Mixtures and Development of Mathematical Models for Reservoir Processes in Source Oil Rock  
A. Lischuk, HMS Group; M. Kravchenko, N. Dieva, Gubkin Russian State University of Oil and Gas; N. Shesternina, Tatneft |
| 201813 | Petroleum Potential Assessment of Bazhenov Organic-Rich Formation Rocks of Western Siberia  
M. Topchiy, A. Kalmykov, G. Kalmykov, M. Fomina, D. Ivanova, Lomonosov MSU |
| 201814 | Highly Conductive Layers and Their Role in the Development of Oil Fields of the Bazhen-Abalak Complex  
A. Ipatov, E. Zhukovskaya, Gazpromneft STC; D. Lazutkin, The Bazhen Technology Centre |
| 201815 | Evaluation of a Field-Wide Post-Steam In-situ Combustion Performance in a Heavy Oil Reservoir in China  
F. Zhao, C. Xi, X. Zhang, W. Guan, Y. Jiang, H. Wang, Research Institute of Petroleum Exploration & Development, PetroChina Co. Ltd; X. Shi, F. Yang, H. Mu, Xinjiang Oilfield Corporation, PetroChina; T. Babadagli, H. Li, University of Alberta |
| 201816 | Discrete Fracture Network Modelling of Siliceous Reservoir in Terms of a Unique Sakhalin Offshore Oil Field  
M. Ganaeva, G. Sun, RN-SakhalinNiPImorneft |

All authors’ names, companies’ and paper titles are listed as submitted to SPE. The programme is relevant as of May 20, 2020.

Learn more at go.spe.org/20rptc-preview-en
## Technical Session Enhanced Oil Recovery

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<td>201821</td>
<td>Experimental Studies of the Displacement of High Viscosity Oil by Carbon Dioxide from Carbonate Rocks</td>
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<td>S. Kalinin, K. Kosterin, LUKOIL-Engineering PermNIPIneft</td>
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<tr>
<td>201822</td>
<td>Results of First Polymer Flooding Pilot Project at East-Messoyakhskoe Field</td>
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<td>I. Ilyasov, A. Podkorytov, Messoyakhneftegaz</td>
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<tr>
<td>201823</td>
<td>Numerical Simulation of Polymer Flooding</td>
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<td></td>
<td>E. Mirsayanova, A. Cheremisin, A. Cheremisin, Skolkovo Institute of Science and Technology</td>
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<tr>
<td>201824</td>
<td>Cyclical Gel-Polymer Flooding Technology is an Effective Method for Increasing Oil Recovery in High-Viscosity Oil Fields</td>
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<td>A. Telin, T. Ismagilov, Ufa STC; S. Lobanov, B. Eluaba, N. Talamanov, Zh. Sun, Ch. Wang, Buzachi Operating Ltd.; Zh. Bo, Xinjiang Keli New Technology Development Co., Ltd.</td>
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<td>201825</td>
<td>New Word in Russian Fracturing-Synthetic Polymer-Based Low Viscous Fluids. Gazpromneft-Khantos Case Study</td>
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<td>S. Sypchenko, S. Pavlova, M. Paskhalov, D. Valeriev, A. Loginov, O. Olennikova, A. Borisenko, S. Vereschagin, E. Danilevich, Schlumberger; R. Uchuev, A. Prutsakov, N. Chebykin, I. Vikhman, Gazpromneft-Khantos</td>
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<tr>
<td>201826</td>
<td>Practices of Miscible Displacement of Oil by Gas on the Achim Deposit of Yamburg Project</td>
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<td>R. Iskhakov, N. Pleshanov, R. Nigmatullin, Gazpromneft STC</td>
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<td>201827</td>
<td>Complex Approach to Designing Physical and Chemical Enhanced Oil Recovery Methods</td>
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<td></td>
<td>E. Emelyanov, Yu. Zemtsov, Tyumen Petroleum Research Center</td>
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<td>201828</td>
<td>Designing and Execution of Slim Tube, VIT, Swelling Test Laboratory Experiments to Measure Minimal Miscibility Pressure (MMP) as a Part of WAG Design</td>
</tr>
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<td></td>
<td>V. Zakharenko, A. Kobyashiev, S. Zanochev, E. Gromova, A. Vasilyev, T. Pospelova, Tyumen Petroleum Research Center; K. Fedorov, Tyumen State University; R. Musin, I. Dolgov, Verkhnechonskneftegaz</td>
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<tr>
<td>201829</td>
<td>The Effects of Crude Oil Gravity and Composition on EOR Surfactants Selection and Performance</td>
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<tr>
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<td>A. Alanazi, Z. Kaidar, Saudi Aramco</td>
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<td>201830</td>
<td>EOR Technology: Surfactant-Polymer Injection to Increase Oil Recovery from Carbonate Reservoir of Kharyaga Oilfield</td>
</tr>
<tr>
<td></td>
<td>A. Kornilov, VNIIneft; M. Arsamakov, Zarubezhneft-dobycha Kharyaga</td>
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### Technical Programme

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<tr>
<th>Paper #</th>
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| 201831  | The selection of Effective Solvents is a Universal Modification of Existing Methods for Increasing Oil Recovery and Intensifying Oil Production  
A. Litvin, SamaraNIPIneft |
| 201832  | A Field Pilot Test on CO₂ Assisted Steam Flooding in a Steam-Flooded Heavy Oil Reservoir in China  
| 201833  | Analytical Prediction of Phase Behavior of Micro- and Nano-emulsions in Surfactant Flooding of Oil Reservoirs  
H. Saboorian Jooybari, Z. Chen, University of Calgary |
| 201834  | Wettability of Carbonate Reservoirs: Effects of Fluid and Aging  
S. Kumar, A. Cheremisin, A. Burukhin, P. Grishin, Skolkovo Institute of Science and Technology |
| 201835  | Study on the Mechanism of In-Situ Energised Microbial Enhanced Oil Recovery in Daqing Tight Oil Reservoir  
X. Zhou, J. Li, Northeast Petroleum University; F. He, CNPC Chuanqing Drilling Engineering Company Limited |
| 201836  | Overcoming Back-Produced Polymer Challenges – Development of an Advanced and Economic Filtration Technology for CEOR Application  
C. Krenn, M. Marx, S. Grottendorfer, R. Grillneder, OMV Exploration & Production GmbH |
| 201837  | Practical Experience in Applying the Technology of Creating a Network of Deep-Penetrating Filtration Channels with the Intensification of the Inflow in the Producing Wells  
S. Plekhanov, D. Moiseev, Belorusneft |
| 201838  | A Case Study of Salt-Tolerant Functional Polymer for EOR in Carbonate Reservoirs with Ultra-High Salinity  
A. Mustafin, M. Varfolomeev, C. Yuan, R. Kadyrov, M. Glukhov, Kazan Federal University; K. Li, Southwest Petroleum University; R. Khayrtdinov, Kara Altyń |
| 201839  | The Mechanism Analysis and Field Trial of a New Particle-Type Polymer Flooding Technology  
Z. Sun, China National Offshore Oil Corporation (CNOOC) Research Institute Co. |

All authors’ names, companies’ and paper titles are listed as submitted to SPE. The programme is relevant as of May 20, 2020.
Technical Programme

## Technical Session Well Construction – Drilling and Completion

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<tr>
<td>201840</td>
<td><strong>The Cement Slurry and Technology of Cementing for Environments Abnormally High Content of Hydrogen Sulfide</strong></td>
<td>D. Utkin, LUKOIL-Engineering PermNIPlneft</td>
</tr>
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<td>201841</td>
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<td>Horizontal Well Critical Rate Estimation in Gas-Oil Zones under High Solution Gas-Oil Ratio</td>
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<td></td>
<td>E. Sandalova, D. Samolovov, F. Polkovnikov, R. Apasov, A. Varavva, Gazpromneft STC</td>
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<td>Creation of an Efficient Hydrogen Storage in an Aquifer and its Parameters Optimisation</td>
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<td></td>
<td>E. Zakirov, L. Abukova, D. Anikeev, I. Indrupskiy, IOGP RAS</td>
</tr>
<tr>
<td>202000</td>
<td>Method for Solving Problems of Gas Production from Turonian Reservoir</td>
</tr>
<tr>
<td></td>
<td>D. Bakulin, P. Zobov, A. Cheremisin, Skolkovo Institute of Science and Technology; V. Khlebnikov, Gubkin Russian State University of Oil and Gas</td>
</tr>
<tr>
<td>202001</td>
<td>Implementation of Instrumentalised Virtual Multiphase Flow Metering Technology in the Wells of the Vostochno-Makarovskoye Gas Condensate Field</td>
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<tr>
<td></td>
<td>V. Baranov, A. Zozulya, Volga Gas; K. Rymarenko, MF Technologies; M. Nukhaev, Siberian Federal University</td>
</tr>
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<td>202002</td>
<td>Application of Semianalytical GORM-Method for Gas Production Prediction of Oil Rings Fields. The Case of Novaotovskoye Oil and Gas-Condensate Field</td>
</tr>
<tr>
<td></td>
<td>A. Varavva, D. Samolovov, R. Apasov, Gazpromneft STC; K. Ivanovich, Gazpromneft-Yamal</td>
</tr>
<tr>
<td>202003</td>
<td>Evaluation of CO₂ Storage Potential in Mature Gas Reservoirs: Field Case Pannonian Basin</td>
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<tr>
<td></td>
<td>I. Al-Jeboore, D. Kundacina, S. Divnic, NTC NIS - Naftagas d.o.o.</td>
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<td>202004</td>
<td>Method for Estimation of Optimum Horizontal Wells Pattern in Oil Rims</td>
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<td>D. Samolovov, I. Perevozkin, D. Reshetnikov, Gazpromneft STC; S. Nekhaev, Gazpromneft-Development</td>
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<td>202005</td>
<td>Comparison of Different Methods for Determining Drained Volumes of Production Wells of a Multi-Layer Gas Condensate Field in the Presence of Complicating Factors</td>
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<td></td>
<td>A. Smirnov, V. Serebryakov, E. Shevchenko, NOVATEK STC; A. Yuzhaninov, Yamal LNG</td>
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<td>Some Possibilities of Fluid Typisation in Core Samples at Rig Site Applying Nuclear Magnetic Resonance</td>
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<td>E. Ivanov, A. Demianov, A. Beletskaya, L. Dovgilovich, D. Abdrazakov, M. Stukan, O. Dinariev, Schlumberger</td>
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<td>D. Shestakov, Kogalymneftegaz</td>
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<td><strong>Low Electrical Resistance of the Basement Rocks: Causes and Effects for the Interpretation of Well Logging (Krasnoileninsky Dome, Western Siberia)</strong>&lt;br&gt;A. Khotylev, A. Mayorov, V. Belokhin, Lomonosov MSU; E. Kozlova, Skolkovo Institute of Science and Technology</td>
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<td><strong>Utilising Machine Learning Methods to Estimate Flowing Bottom-Hole Pressure in Unconventional Gas Condensate Tight Sands Fractured Wells in Saudi Arabia</strong>&lt;br&gt;F. Al Shehri, T. Al Tayyar, M. Arsalan, M. Khalaf, Saudi Aramco</td>
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<td>201940</td>
<td><strong>Using Streaming Machine Learning for Development System Organisation</strong>&lt;br&gt;D. Sun, M. Okunev, Gazpromneft STC</td>
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<td>201941</td>
<td><strong>Digital Rheology of High Viscosity Friction Reducers</strong>&lt;br&gt;E. Inozemtseva, K. Kaprielova, M. Ivanov, D. Kuznetsov, Schlumberger</td>
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<td>201942</td>
<td><strong>A Steady-State Well Flow Model Adaptable on the Field Data for Calculating the Flowing Bottom Hole Pressure</strong>&lt;br&gt;E. Baryshnikov, E. Kanin, A. Osiptsov, A. Vanshtein, E. Burnaev, Skolkovo Institute of Science and Technology; G. Paderin, Gazpromneft STC; A. Prytsakov, S. Ternovenko, Gazpromneft-Khantos</td>
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<td>201943</td>
<td><strong>Machine Learning as a Way of Commitment of Noncommercial Oil Reserves</strong>&lt;br&gt;A. Vanina, V. Palivoda, Slavnfte-Megionneftegaz</td>
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<td>201944</td>
<td><strong>New Technology for Inverse Problem Solving of Digital Core Model Construction Using Stochastic Modelling and Particle Swarm Optimisation</strong>&lt;br&gt;P. Markov, MicroModel, PITC Geofizika</td>
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<td>201945</td>
<td><strong>Geosteering based on Integration of LWD, Mud Logging and Drilling Data Using Machine Learning</strong>&lt;br&gt;A. Galkina, T. Yalaev, T. Rakhimov, M. Lisitsyna, Institute of Geology and Fossil Fuels Exploitation</td>
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All authors’ names, companies’ and paper titles are listed as submitted to SPE. The programme is relevant as of May 20, 2020.
## Knowledge Sharing ePoster Session Static, Dynamic and Integrated Modelling

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201955 | **Analysis and Forecasting of Well Production in Heterogeneous Reservoirs based on Field Theory Methods**  
E. Yudin, A. Roschektaev, N. Smirnov, Gazpromneft STC

201964 | **Model Size Reduction by Upscaling of Model Static Parameters’ DCT Spectra**  
K. Bogachev, P. Rabochiy, V. Shelkov, Rock Flow Dynamics

201965 | **West Siberia Jurassic Sediments Rock Typing and Digital Models Creating for Reservoir Development Industrial Tasks**  
A. Blotskaya, Geonaft

201966 | **Application of the AICDs and Particularities of Simulation of Such Devices in Various Mining and Geological Conditions of the Vostochno-Messoyakhskoe Field**  
A. Buzaev, Gazpromneft STC; A. Konopelko, Messoyakhaneftegaz

201967 | **An integrated Approach to the Determination of the Transition Zone and Water-Oil Contact in an Inhomogeneous Carbonate Reservoir with Various Facies Environments**  
N. Metelkina, E. Silaeva, LUKOIL-Engineering

201968 | **Field Flow Reservoir Connectivity Prediction and These Data Using in Geological Modelling Process on the Example of Tomsk Region Oilfields**  
V. Popov, TomskNIPIneft; A. Podnebesnykh, Roxar Services; L. Krasnoschekova, Tomsk Polytechnic University

201969 | **Uncertainty Assessment and Impact of the Petrophysical and Geological Parameters on Field Development of a Complex Oil and Gas Condensate Field Using Multivariate Modelling**  
A. Konoplev, A. Kataev, NOVATEK; A. Frolov, NOVATEK STC

202205 | **Geosteering Improvement by Geological Uncertainties Assessment**  
G. Kazantsev, D. Zunde, K. Chuchalina, I. Nikitina, NOVATEK STC

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<td>201983</td>
<td>Borehole Failures and Stress Regime Identification Challenges in Fractured Carbonates of Boca de Jaruco Field</td>
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<td>T. Zhekenov, K. Chettykbaeva, S. German, D. Mylnikov, Yu. Petrakov, A. Sobolev, Geonaft; O. Petrashov, Zarubezhneft; A. Osipov, VNIIneft</td>
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<td>201984</td>
<td>Advanced Method of Controlled Scratching as a Source of Geomechanical Data</td>
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<td>K. Toropetskiy, G. Borisov, NovosibirskNIPIneft; M. Samoylov, Rosneft Upstream Peer Review and Technical Development Center; I. Eltsov, IPGG SB RAS</td>
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<td>201991</td>
<td>Comparative Analysis of Investment Targets in Oil and Gas Upstream on a Regional Level (Evaluation or Identification Stage)</td>
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<td>S. Chizhikov, E. Dubovitskaya, Ingenix Group</td>
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<td>201992</td>
<td>The Practical Application of Geosteering Difficulty Index of Wells Throughout the Company</td>
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<td>M. Golovchenko, V. Filimonov, K. Kudashov, Rosneft; T. Rakhimov, Institute of Geology and Fossil Fuels Exploitation</td>
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### Knowledge Sharing ePoster Session Gas, Gas Condensate and Oil Gas Condensate Field Development

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<tr>
<td>202007</td>
<td>Prospective Methods of Production Efficiency Enhancement at Thin Massive Gas Reservoirs</td>
<td>R. Urvantsev, D. Ibragimova, Tyumen Petroleum Research Center</td>
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<tr>
<td>202009</td>
<td>The Balance Between Oil and Gas Options in Case of J2-6 Oil Rim Development of Novoportovskoye Field</td>
<td>V. Varavva, I. Chameev, E. Bogdanov, E. Sherstoboev, K. Isakov, Gazpromnft STC; A. Shorokhov, Gazpromnft-Development; V. Virtv, D. Kashapov, Gazpromnft-Yamal</td>
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<td>202010</td>
<td>Creation and Implementation of New Innovative Approaches to the Formation of a System for the Development of a Large Oil and Gas Condensate Field in the Far North</td>
<td>M. Mavletdinov, S. Solyanov, M. Fattakhov, LUKOIL-Engineering; M. Zipir, A. Devyatkov, Yamalneftegaz</td>
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<td>202011</td>
<td>Liquid Loaded Gas Condensate Revitalisation by Automated Flow Regime Optimisation and Control</td>
<td>V. Baranov, K. Ruban, A. Zozulya, Volga Gas; K. Rymarenko, S. Grischenko, SIANT; M. Nukhaev, Siberian Federal University</td>
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<td>202021</td>
<td><strong>Some Rules to Optimise Process of Planning Geomechanics Core Testing Programme</strong>&lt;br&gt;A. Zinovyev, E. Korelskiy, Geosteering Technologies</td>
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<td>202022</td>
<td><strong>Methods for Studying Two-Phase Flows in Porous Media: Numerical Simulation and Experiments on Microfluidics Chips</strong>&lt;br&gt;M. Khairullin, Ya. Pasechko, VNIIneft; T. Zakirov, Kazan Federal University, Institute of Geology and Petroleum Technologies</td>
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<td>202023</td>
<td><strong>Core Column Filtration Testing Supplemented by Measurements of Oil Optical Properties</strong>&lt;br&gt;R. Burkhanov, I. Ibragimov, Almetyevsk State Oil Institute; A. Lutfullin, Tatneft; A. Maksyutin, Tetrasoft-service</td>
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<td>202032</td>
<td><strong>An Integrated Earth Image Modelling with Purpose of Safe Exploration Drilling</strong>&lt;br&gt;M. Topolyan, R. Golubtsov, Sh. Yang, N. Petrankova, D. Kascheev, Yu. Bayukanskii, V. Kuzakov, Schlumberger; E. Kireev, S. Shtun, A. Alekseev, LUKOIL-Nizhnevolzhskneft; M. Sibilev, LUKOIL</td>
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<td>202033</td>
<td><strong>Prospects for Resource Base Expanding of the Volga-Ural Oil and Gas Province through Reef-Based Search Objects</strong>&lt;br&gt;E. Sannikov, Izhevsk Petroleum Research Center</td>
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<td>202034</td>
<td><strong>Geologically Conditioned Stochastic Inversion of Seismic Data for Reservoir Characterisation in Tyumen Formation</strong>&lt;br&gt;A. Pirogova, Lomonosov MSU; K. Epov, Ruspetro</td>
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### Technical Programme

**Knowledge Sharing ePoster Session Health, Safety and Environment**

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| 202035  | Study of Mechanical Properties and Analysis of the Effect of Low Temperatures on the Behavior of the Structural Material of Elastic Tanks  
A. Shiriev, N. Shirieva, LUKOIL-Engineering KogalymNIPInefte |
| 202036  | Psychological Safety of Oil and Gas Workers in the South and North of the Russian Federation  
Ya. Korneeva, Northern (Arctic) Federal University; N. Simonova, Lomonosov MSU |
| 202037  | Implementing HSSE Competence Framework – Process, Lessons and Results  
O. Samoylova, Salym Petroleum Services B.V.; F. Claessen, Shell Exploration and Production Services Russia |
| 202038  | Development of a Hazard Assessment Matrix for Wells as a Method of Ensuring Industrial Safety in the Design of Construction of Oil and Gas Wells  
A. Shiriev, N. Shirieva, LUKOIL-Engineering KogalymNIPInefte |
| 202039  | Identification of SAP Sources in Offshore Production Wells in the North Caspian Oilfields  
O. Abramenko, A. Senkov, S. Shtun, M. Rakitin, LUKOIL-Nizhnevolzhsknefte |

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<td>202045</td>
<td><strong>Optimal Sampling Technique Creation to Increase Accuracy of Production Logging Using Quantum Dots Tracers</strong>&lt;br&gt;N. Parshin, RITEK</td>
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<td>202046</td>
<td><strong>Automated Horizontal Well Geosteering Using Machine Learning. Examples with Real Data</strong>&lt;br&gt;I. Denisenko, I. Kuvaev, O. Kushmantsev, I. Uvarov, A. Toporov, ROGII</td>
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<td>202047</td>
<td><strong>Integration of Petrophysical Log Data with Computational Intelligence for the Development a Lithology Predictor</strong>&lt;br&gt;M. Khan, Schlumberger</td>
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<td>202048</td>
<td><strong>Expanding the Envelope of Fiber-Optic Sensing for Reservoir Description and Dynamics</strong>&lt;br&gt;A. Al-Qasim, Saudi Aramco</td>
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### Knowledge Sharing ePoster Session Production Stimulation and Hydraulic Fracturing

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<td>202070</td>
<td><strong>Advanced Pressure Monitoring Technique – New Horizons of Workover in Russia</strong>&lt;br&gt;A. Borisenko, K. Zotov, S. Parkhonyuk, S. Vereschagin, Schlumberger</td>
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<td>202071</td>
<td><strong>Foamed-Gel Systems for Killing Wells Operating Fractured Formations with Abnormally Low Formation Pressures and High Gas Factor</strong>&lt;br&gt;V. Shaidullin, S. Vakhrushev, N. Magzumov, S. Yanson, RN-BashNIPIneft; I. Akhmerov, Bashneft-Dobycha</td>
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Registration for conference delegates is mandatory for all attendees who wish to attend the conference. Depending on your purpose and objectives, attend one or three days of the conference. Don’t miss your chance to connect, communicate and collaborate with 850+ delegates from across the world.

Register before 3 October to avoid disappoint.

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Terms and Conditions
• Preliminary registration and full payment are required to attend the SPE Russian Petroleum Technology Conference.
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• For cancellations received on and after 28 September 2020 no refunds will be made.
• If participant does not attend the conference, no refunds will be made.
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Special rates for the conference delegates are provided by Hotel Tien-Shan, 100, Novaya str., Skolkovo village, Odintsovky district, Moscow region, Russia. The rates are valid for accommodation from 11 October to 14 October 2020. Tien-Shan Hotel does not provide visa support services.
Rates:
7300 RUB – Standard Single/Double Room
Offered rates include VAT and exclude breakfast.

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We strongly advise you to apply for your visa reasonably in advance to ensure it is received in time for your trip. Please make sure that you have all the needed information before applying for visa.
Visa support may be provided be the hotel you have chosen for accommodation. If you cancel your booking after delivered visa services, you will be charged a penalty.
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General Information

Venue
Technopark Skolkovo
Skolkovo Innovation Center territory, 42 build. 1, Bolshoy boulevard, Moscow region

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BY BUS

Bus line 818 from Slavyansky Bulvar metro station
Get on bus 818 at the stop and then follow the signs for go.spe.org/20rptc-preview-en
Travel time: 20 minutes

BY TRAIN

Train leaves from Belorussky train station
Travel time: 17 minutes

BY CAR

Free shuttles: limited number of parking spots

TECHNOPARK

5 minutes

SKOLKOVSKAYA

10 minutes

HOW TO GET TO SKOLKOVO

BY TRAIN (INNOVATION CENTER TRAIN STATION):

01. By express train from the Belorussky railway station, direction "Odintsovo-Moscow" (travel time 37 minutes)
02. On a regular train from any of the stations on the train lines going in the "Belorussian direction" (travel time 30-35 minutes)
The schedule can be found using the link https://www.fhs.ru/

SO, YOU ARE ALREADY ON THE TRAIN.

HOW TO GET TO THE SKOLKOVO TECHNOPARK FROM THE STOP:

01. Get off the train at the Innovation Center station
02. Climb up the escalator / stairs and get into the Orbyon transport hub
03. Follow the Skolkovo signs along the shopping galleries
04. Get out of Orbyon into the street and head towards Amalteya Business Center (adjacent to Technopark)
05. Climb the stairs on the left side of the Amalteya BC building and enter the building
06. Go straight through the business center ground floor towards the bridge to the Technopark, which is indicated by the guard post