



*Preliminary Technical Programme*

SPE Workshop: Oilfield Geomechanics

26-27 February 2019

St. Petersburg, Russia, Hotel Renaissance St. Petersburg Baltic

**Session 1. Core Analysis in Geomechanics**

1. *Artur Kunakasov, KogalymNIPIneft*  
Geomechanical Studies of Rocks. Static and Dynamic Modulus of Elasticity, Strength Properties of Western Siberia Rocks Reservoirs
2. *Alexander Shubin, A. Kudymov, S.Tarandyuk, A.Yakubovskiy, TNNC* Poorly Consolidated Rock Testing In Support of Geomechanical Modeling
3. *Ya.Yusupov, Litosfera; A.Khaletsky, R.Gutman, Belorusneft*  
Comprehensive Study of Strength and Elastic Properties of Sandstones from Ln-St Deposits of Rechitskoe Oilfield

**Session 2. New Trends in Geomechanical Modeling**

1. *Pavel Klykov, A.Predein, PermNIPIneft*  
Implementation of Geomechanics into Production, LUKOIL Fields Case Studies
2. *Ilya Alekhin, A.Zinoviev, NOVATEK STC*  
Advanced CRI: Stochastic Approach in Geomechanics Modeling
3. *Mikhail Konovich, RN-SakhalinNIPImorneft*  
Development of Wellbore Sand Screen Selection Methodology by Using 3D Modeling
4. *Valery Pavlov, R.Melikov, M.Subbotin, A.Gavris, A.Kudymov, TNNC*  
Assessment of Geomechanical Effects to Heavy Oil Field Development for Slightly Cemented Oil Reservoir
5. *Ruslan Melikov, V.Pavlov, A.Ptashny, N.Pavlyukov, A.Kalabin, A.Kuzovkov, A.Gordeev, TNNC; A.Korolev, R.Yagudin, Kharampurneftegaz*  
Integrated Geological Geomechanical Model for Beryozovskoe Formation Development Planning
6. *Nikita Kozyrev, A.Kochnev, A.Mengaliev, T.Semenova, PermNIPIneft*  
Improving of the Geological and Hydrodynamic Reservoir Model of the East-Lambeyskor Field by Using the Geomechanical Properties of the Producing Reservoir

**Session 3. Adjustment, Verification and Use of Geomechanical Modeling Results**

1. *Wouter van der Zee, Marc Holland, Alejandro Ganzo, Baker Hughes, a GE Company*  
Geomechanical Optimization of Underground Gas Storage Operation
2. *Marsel Kulushev, RN-UfaNIPIneft*  
New Approach to Building Waterflood System for Low Permeable Reservoir

3. *Alexander Kolonskikh, P.Savchenko, RN-UfaNIPIneft*  
Driven "Blind" Refrac in Horizontal Wells
4. *Nikolay Balyura, RN-SakhalinNIPImorneft*  
Localization of Abnormally High Pressure (AHP) Zones and Risk Assessment during Drilling Operations for the "Paromay" Oil Field
5. *Nikolay Balyura, RN-SakhalinNIPImorneft*  
Application of 4D Geomechanical Modeling towards Solving Practical Tasks
6. *Alexander Fedorov, A.Davletova, RN-UfaNIPIneft*  
Vertical autofrac
7. *Temirlan Zhekenov, K. Chettykbaeva, GeoSteering Technologies*  
Algorithm Design for Inverse Stress Simulation via Image Logging Interpretation
8. *N.Ravilov, A.Gorodnov, Gubkin University*  
Identification of Development of Highly Productive Reservoirs Based on Geomechanical Modeling Process