

**PRELIMINARY TECHNICAL PROGRAMME**

**8th International geological and geophysical conference and exhibition  
Saint Petersburg 2018. Innovations in geosciences – time for breakthrough**

Monday, 9 April			
Congress Hall Oral Presentations			
Official opening			
Time	General session	Chairman E.M. Петров	Subm. Id.
15:30	Prospects for Increasing Hydrocarbon Raw Materials Base in the Russian Federation – A.I. Vartanov* (VNIIGNI), P.N. Melnikov (VNIIGNI), B.A. Solovov (VNIIGNI)		44368
16:00	How Technologies Will Change Explorations – R.S. Panov* (Rosgeologia)		
16:30	Technologies and Workflows for Shallow Water Seismic Acquisition – B.V. Shumsky* (Yuzmorgeologia)		
17:00	Gazpromneft representative		
17:30	Rosneft representative		

Tuesday, 10 April			
Conference Hall B Oral Presentations			
Time	Regional Session: Western Siberia	Subm. Id.	
09:00	Upper Cretaceous Siliceous Deposits - Potential Gas Resources Enlargement in Western Siberia – S.E. Agalakov* (OOO «TNNC»), A.I. Kudamirov (OOO «TNNC»), V.A. Merinov (OOO «TNNC»), N.V. Nassanova (OOO «TNNC»), O.V. Bakuev, O.A. Lozuyuk (PAO «NK Rosneft»), V.B. Khmelnyk (PAO «NK Rosneft»)	44435	
09:25	Paleostructural reconstructions of the stratigraphic horizons of the West Siberian basin – V.V. Shmarinsky (AO Geologorazvedka), S.V. Shmarinsky (Institute of Earth Sciences, SPbSU), I.S. Nizyaeva (AO Geologorazvedka), A.A. Gornov (AO Geologorazvedka)	44740	
09:50	Hydrogeochemical and geodynamic conditions of West Siberian megabasin central part deep horizons – A. Kurzhikov (WSD of IPGG SB RAS), A. Plavnik* (WSD of IPGG SB RAS), M. Itskovich (WSD of IPGG SB RAS)	44297	
10:15	Prospects for oil and gas content of the Tanamsay arch. – R.R. Valeev* (LLC SPC «Geostra»), A.P. Zhukov (LLC SPC «Geostra»), I.N. Nizamutdinova (LLC SPC «Geostra»)	44678	
10:40	Coffee break		
11:00	Sedimentation model of the Lower Cretaceous deposits of the Karabash zone in Western Siberia – M.A. Myasnikova* (JSC «Geologorazvedka»), N.V. Tarnitskaya (JSC «Geologorazvedka»), V.V. Shmarinsky (JSC «Geologorazvedka»), N.N. Koptseva (JSC «Geologorazvedka»), I.S. Nizyaeva (JSC «Geologorazvedka»), V.N. Zeltser (JSC «Geologorazvedka»), M.I. Tunova (Gubkin Russian State University of Oil and Gas)	44398	
11:25	The main features of the condensate gas factor change with depth within the hydrocarbon fields of the Yamal-NeNETS Autonomous District – P. Gorbunov* (Tyumen Industrial University), S.Vorobey (OOO Gazprom geologorazvedka)	44677	
11:50	Geochemistry of organic matter in sedimentary cover of northern part of West Siberia basin – A.V. Kazanerkova* (LLC «NOVATEK STC»)	44454	
12:15	Model of the Geological Structure of Bajocian and Bathonian Deposits of the Yamal-Gydan Region – E.A. Ziyar* (NOVATEK STC), S.A. Fedorov (NOVATEK STC), I.S. Ignin (NOVATEK STC), A.A. Kuren (NOVATEK STC)	44617	
12:40	Lunch break		

Tuesday, 10 April			
Conference Hall C Oral Presentations			
Time	Well Logging	Subm. Id.	
	Theoretical basis of data interpretation of electromagnetic logging tool with toroidal coils – M.I. Erov (IPGG SB RAS, NSU, NSTU), M.N. Nikitenko (IPGG SB RAS), V.N. Glinskikh (IPGG SB RAS, NSU, NSTU), I.V. Sudolina (IPGG, ICMMG SB RAS), I.V. Mikhaylov (IPGG SB RAS, NSU), V.N. Eremin (SPEGE «Loch»), A.N. Petrov (SPEGE «Loch»)	44489	
09:25	Measurement Standards of Porosity for Oil and Gas Nuclear Geophysics – V. Lobanov* (UGNTU), L. Akhmetova (UGNTU), N. Mamontov (UGNTU), V. Sviatikhin (UGNTU)	44474	
09:50	A Novel Method of Enhancing Porosity Evaluation Accuracy with the Combination of Formation Element and Density Logging – C. Yuan* (Research Institute of Petroleum Exploration and Development, PetroChina), C.C. Zhou (Research Institute of Petroleum Exploration and Development, PetroChina), Z. Feng (Research Institute of Petroleum Exploration and Development, PetroChina), H.Z. Yan (University of Huston)	44356	
	Innovative Well-Site Surface Logging Solutions to enhance Maududd Reservoir Fluid Characterisation, Formation Evaluation and Well Placement in Sabiriyah field, North Kuwait – S. Nair* (Kuwait Oil Company), H. Ibrahim El-Din (Kuwait Oil Company), A. Shoebi (Geolog International), J. Estarabadi (Geolog International)	44499	
10:40	Coffee break		
11:00	Estimation of permeability in a naturally fractured carbonate reservoir: lessons learned – F. Khoshbakh* (Research Institute of Petroleum Industry (NIOC-RIP)), M. Mohammadnia (Research Institute of Petroleum Industry (NIOC-RIP)), J. Honarmand (Research Institute of Petroleum Industry (NIOC-RIP))	44478	
11:25	Use of Continuous Dipmeter Log Interpretation in Formation Fracture Study – M. Maradast* (University of Tehran)	44651	
11:50	Investigation Temperature Field in a Horizontal Well With Multiple Fractures – R.A. Vakulin (Bashkir State University, OOO NPF GeoTEC), R.F. Sharafutdinov (Bashkir State University, OOO NPF GeoTEC), M.F. Zakirov (Bashkir State University, OOO NPF GeoTEC), A.Sh. Ramazanov (Bashkir State University, OOO NPF GeoTEC), A.A. Sadretsinov (Bashkir State University, OOO NPF GeoTEC), T.R. Khabirov (Bashkir State University, OOO NPF GeoTEC)	44629	
12:15	Systematic-model approach to the design and test generation algorithms for quantitative interpretation of logging data and core – B.N. Enikeev* (JSC «PANGEA»)	44529	
12:40	Lunch break		

Tuesday, 10 April			
Conference Hall D Oral Presentations			
Time	Application of Seismic Data Processing	Subm. Id.	
09:00	Application of SWI and FWI for building near-surface velocity model and improving seismic image quality – V. Korotkin* (OOO CGG Vostok), A. Barilakov (OOO CGG Vostok), K. Kuz'yayev (OOO CGG Vostok), D. Tverdohlebov (OOO RN-Exploration)	44346	
09:25	Statistical analysis of seismic images of fault zones on the base of fault facial model – A.S. Merzikina* (IGIRGI), A.N. Bbik (IGIRGI), D.R. Kolyukhin (IPGG SB RAS), V.V. Lisitsa (IPGG SB RAS), M.I. Protasov (IPGG SB RAS), D. Gu (GIPR, Bergen), G.V. Reshetov (IPGG SB RAS), Tveranger J. (CIPR, Bergen), V.A. Tcheverda (IPGG SB RAS), D.M. Vishnevsky (IPGG SB RAS)	44423	
09:50	A method for 3D ghost attenuation in case of a rough sea surface – M.Denisov* (GEOCLAB), A.Egorov (MSU)	44305	
	Environment-Dependent Parameterization of Wave Field, Matched Non-Linear Operator Usage in Case of Seismogram Processing – A.A. Arkhipov* (Geosheff-Service), V.S. Tynchev (Geosheff-Service)	44480	
10:40	Coffee break		
11:00	Order filters: some aspects of the intelligent processing of vibroseismic research data as periodic signals and optimization of their performance – V. Znosk (ICMMG SB RAS), D. Karavaev (ICMMG SB RAS), P. Titov* (ICMMG SB RAS)	44296	
11:25	Quantitative Quality Control: a Tool for Seismic Data Processing Monitoring and Comparison – A. Nateganov* (Total E&P Russia), A. Popov (Yamal LNG), B. Pagliccia (Total S.A.)	44508	
11:50	The 4D Regularization of Common-offset Seismic Data – G.F. Zhernyuk* (VNIIGNI), V.V. Miroshnikov (VNIIGNI)	44347	
12:15	Local slant stack for signal variation detection – A. Shevchenko* (OOO «PetroTrace»), I. Fedyaev (OOO «PetroTrace»)	44645	
12:40	Lunch break		

Tuesday, 10 April			
Conference Hall 4 Oral Presentations			
Time	Chemical Methods of EOR	Subm. Id.	Nonseismic Methods of Exploration
	Experimental Investigation of the Effect of Alkaline and Water Injection on in situ Formation of W/O Emulsion in Porous Medium – S. Palizdan* (Shiraz University), M. Riaz (Shiraz University), M.R. Malayer (Shiraz University)	44487	Particularities of 5-Component Magnetotelluric Soundings Application for Mineral Exploration – I. Igerov* (Advanced Geophysical Operations and Services Inc.), E. Ermolov (National Mineral Resource University)
	Effect of Wettability Alteration in Low Salt Water Injection Modeling – H. Vahdani* (NIOC), D. Montazeri (NIOC)	44210	Seismic and Transient Electromagnetic data integration and its application in geological modelling – P.Y. Mostovoi* (IERP JSC), A.V. Ostankov (LLC Gazpromneft NTC)
	Testing The Resilience Of The Rod-like Biopolymer Schizophyllan To Various Types Of Mechanical Stressing – G. Incera Gando* (Wintershall Holding GmbH), F. Lehr (BASF SE), S. Mukherjee (Wintershall Holding GmbH), D. Prasad (Wintershall Holding GmbH), P. Adiana (Wintershall Holding GmbH), S. Romann (Wintershall Holding GmbH), M. Rarifi (BASF SE)	44350	The TEM Data Inversion Reliability Assessment – E.V. Murzina* (JSC IERP), V.S. Emelyanov (JSC IERP), I.V. Budko (JSC IERP, Institute of the Earth's Crust of the Siberian Branch of the RAS), A.V. Pospelov (Institute of the Earth's Crust of the Siberian Branch of the RAS), Yu.A. Agatonov (JSC IERP)
	Investigating the Necessity of Developing the Self-Diverting Emulsified Acid (SDEA) System for Stimulation of a Middle-Eastern Carbonate Reservoir – H. Jalilpour* (Saint Petersburg Mining University), J. Moghaddasi (Petroleum University of Technology), D.G. Petrakov (Saint Petersburg Mining University)	44630	Marine geoelectromagnetic studies with controlled sources – V. Mogilatov* (Novosibirsk State University, Institute of Petroleum Geology and Geophysics)
10:40	Coffee break		
	Visualization experiments on the impact of surfactant and nanoparticle on EOR potential of foam injection – D. Panatipour* (Shiraz University), S. Dehdari (Shiraz University), M. Riaz (Shiraz University), R. Parsaei (Shiraz University)	44654	Measurements of Electrical Components with Using Circular Electric Dipole – A. Zlobinsky* («STC Zavot-GEO»), V. Mogilatov (Tomsk Institute of Petroleum Geology and Geophysics SB RAS)
	Static and Dynamic Investigation of the Novel Fe3O4@Chitosan Nanocomposite Synthesized for the EOR Processes – H. Rezvani* (Isfahan University of Technology), Y. Kazemzadeh (Amirkabir University of Technology), M. Riaz (Shiraz University), M. Tabaie (Isfahan University of Technology), M. Sharifi (Amirkabir University of Technology)	44665	Localization and prospects of complex hydrocarbon gas deposits in the Vendian-Cambrian sediments of the south of the Siberian craton (Kovykta gas condensate field) – I.V. Gorlov* (LLC Gazprom Geologorazvedka), N.V. Misulnikova (JSC IERP), I.V. Budko (JSC IERP, Institute of the Earth's Crust of the Siberian Branch of the RAS), A.G. Vahromov (Institute of the Earth's Crust of the Siberian Branch of the RAS), I.A. Shelkova (JSC IERP), Y.A. Agatonov (JSC IERP)
	Experimental Study of the Formation and Stability of Emulsions in a Porous Medium in the Presence of Metal Oxide Nanoparticles – A. Kazem Abadshapoor* (Shiraz University), Y. Kazemzadeh (Amirkabir University of Technology), M. Riaz (Shiraz University), M. Tabaie (Isfahan University of Technology), M. Sharifi (Amirkabir University of Technology), M. Riaz (Shiraz University)	44660	Forecasting of oil reservoir contour using complex of geophysical data – R. Abusheer* (OOO «SamaraNIPIneft»)
	Does the use of PAM polymer in nanoparticle-surfactant stabilized N2 foam enhanced the stability in EOR? – B. Dehdari* (Shiraz University)	44663	Integrated Geophysical Investigation for Structures Favourable to Uranium Mineralization in Dhofar Region, Sultanate of Oman – S. Al Kharbush (Sultan Qaboos University), P. Bernard (Sultan Qaboos University), S. Narasimhan* (Sultan Qaboos University), T. Al Hozni (Sultan Qaboos University), A. Ebrahmy (Sultan Qaboos University), M. Al-Mushari (Ministry of Commerce and Industries, Oman)
12:40	Lunch break		



Tuesday, 10 April		
Poster Presentations		
Time	Geological Interpretation of Seismic & Well Data	Subm. Id.
09:30	Facial-cyclostratigraphic model of the berrias-valangin structure in Western Siberia (north-east of the Sredneobskaya oil and gas province) – F.R. Grabovskaya (SPbSU), A.R. Shagieva* (SPbSU)	44441
09:45	Typisation of birkinsky productive horizon of the southern Siberian platform – E. Gubina* (AO «VNGRI»), I. Kushmar (AO)» VNGRI)	44626
10:00	Substantiation of Sequence Stratigraphical Boundaries for Geological Modeling Considering Core-Derived Unconformity Surfaces – E.A. Potapova* (OOO «TNNC»)	44549
10:15	Complex analysis of geophysical data in the mapping of paleochannel with the purpose of detailing the geological model using the example of the deposits of the Tanopchinsky series – O.S. Generalenko* (OOO NOVATEK NTC), I.M. Hamitullin (OOO NOVATEK NTC)	44618
10:30	Discussion	
10:45	Coffee break	
Time	Seismic Attribute Analysis, Seismic Elastic Inversion, AVO	Subm. Id.
11:00	Assessment of Texture Descriptors for Seismic Image Retrieval and Salt Dome Detection – E. Vital Brazil* (IBM), R.S. Ferreira (IBM), A. Mattos (IBM), R.M. Gama e Silva (IBM), R. Cerqueira (IBM), M. Ferraz (Galp E&P), J. Almeida (Galp E&P), D.S. Cersosimo (Galp E&P)	44444
11:15	The results of advanced methods of interpretation of seismic data in combination with GIS and the history of development in stratigraphic traps – A.V. Khlitrenko* (OOO «RN-SakhalinNIPmomeft»), M.V. Plotnikov (ROXAR), K.A. Binkov (OOO «NRK-Technology»)	44008
11:30	Seismic Channel Boundary Detection Using 3D Shearlets – K. Karbalaali* (Amir kabir University of Technology), A. Javaherian (Amir kabir University of Technology), R. Reisenhofer (University of Bremen), S. Dahike (Phillips University)	44703
11:45	Local Seismic Discontinuity Detection Using Wavelet Characteristics – A. Kiani* (Dana Energy)	44541
12:00	Prediction of Tanopchinskaya Suite reservoir properties in conditions of acoustically contrasting boundaries, based on deterministic inversion – E.N. Bardachenko* (LLC NOVATEK STC), M.A. Tukaev (LLC NOVATEK STC), D.S. Tataurov (LLC NOVATEK STC), I.M. Khamitullin (LLC NOVATEK STC)	44622
12:15	Discussion	
12:45	Lunch break	
Time	Geomechanical Modeling at Different Stages of Reservoir life	Subm. Id.
14:00	The optimal complex of studies for constructing a three-dimensional geomechanical model – S. Zhigulskiy* (Gazpromneft NTC), S. Lukin (Gazpromneft NTC), I. Chebishev (Gazpromneft NTC)	44523
14:15	Estimation of formation fracture pressure with respect to wellbore trajectory – A. Gula (Gubkin Russian State University of Oil and Gas), D. Myrnikov* (OOO Lithosfera)	44502
14:30	Artificial Neural Network for Recognition of the Drilling Rig Operation Mode – F. Abu-Abed* (Tver State Technical University), N. Borisov (Lobachevsky State University of Nizhny Novgorod)	44571
14:45	Reservoir Deliverability in Gas Condensate Reservoir with Induced Compaction and Condensate Banking Near Wellbore : Simulation and Analytical Comparison – Ozy Achmad* ( )	44517
15:00	The ratios of the main stresses in the wellbore in carbonate rocks – M. Salmov* (JSOC Bashneft), D. Konoshonkin («Petroleum Learning Centre of Tomsk Polytechnic University»)	44340
15:15	Discussion	
15:45	Coffee break	
Time	Exploration & Production in Depleted, Small and Very Small Fields, Low-yield and High Watercut Wells in Mature Production regions	Subm. Id.
16:00	A Case Study: Recognition the Source of Water Production in a Gas Field – E. Ghanaatpisheh Senani* (National Iranian Oil Company), S. Bairamzadeh (Pars Petro Zagros), M. Ghosbin Jahromi (Shiraz University of Technology)	44374
16:15	Characterization of an Iranian Oil Field, Suffering Excess Water Production, As a Pre-Development Plan – S. Naserian* (Petro Araz Hamah), S. Bairamzadeh (PPZ Engineering and Services Company), E. Ghanaatpisheh (NIOC)	44371
16:30	Recognition the Source of H2S in a Gas Field Located in South West of Iran – E. Ghanaatpisheh Senani* (NIOC), M. Ghosbin Jahromi (SUTech), S. Bairamzadeh (Pars Petro Zagros), S.M. Mirbagheri (NIOC)	44572
16:45	A case study: Geophysical and Geological Updating of Iranian Gas field, suffering Low Production Potential and High Water Cut. – S. Bairamzadeh* (OPES International), E. Ghanaatpisheh (NIOC), S. Razzaghfarian (PPZ Engineering and Services Company), A. Aghayi (NIOC)	44370
17:00	About Prospects of Development of Small Deposits With Oil Rims on an Example of Deposit N in Perm Krai – E.S. Klykova (Saint-Petersburg mining university), S.V. Migunova* (Saint-Petersburg mining university)	44453
17:15	Discussion	

Wednesday, 11 April			Wednesday, 11 April			Wednesday, 11 April			Wednesday, 11 April		
Conference Hall A Oral Presentations			Conference Hall B Oral Presentations			Conference Hall C Oral Presentations			Conference Hall D Oral Presentations		
Time	Regional Session: Arctic	Subm. Id.	Rock Physics and Geomechanics		Subm. Id.	Time	Seismic Exploration Technologies	Subm. Id.	Methods of Increasing Well productivity (Hydraulic Fracturing)		Subm. Id.
09:00	How much do fields in the Russian shelf coast amid the crisis? – O. Zhukov* (OOO Gazprom Flot), S. Mammadov (OOO NewTechServices), Yu. P. Amplov (Lomonosov Moscow State University)	44726	Characteristic of P-wave Velocity Dispersion and Attenuation in Periodic Layered Model with Patchy Saturation for Three-phase – T.W. Du* (China University of Petroleum (Huadong)), G.C. Wu (China University of Petroleum (Huadong)), Jianlu Wu (China University of Petroleum (Huadong))		44272	09:00	Modern seismic survey technologies – N.V. Kharin (LLC Tyumen Service Geophysical Company), I.I. Shevchenko* (LLC Tyumen Service Geophysical Company), E.S. Golovko (LLC Tyumen Service Geophysical Company), A.A. Volovnikov* (LLC Tyumen Service Geophysical Company), M.A. Kuznetsov (JSC Slavneft-Megionneftegaz), D.A. Kotunov (JSC Slavneft-Megionneftegaz), V.Z. Votsalyovky (PJSC Gazprom Neft), D.D. Nazrov (LLC Gazpromneft NTG)	44653	Hydraulic Fracture Design and Optimisation in Gas-Condensate Reservoirs – A. Benson Lamidi (Saint Petersburg Mining University), D.E. Tsikpiom* (Saint Petersburg Mining University)		44378
09:25	The main directions of increasing the efficiency and safety of the search and development of hydrocarbon deposits on the Arctic shelf and other water areas of Russia – V.I. Bogoyavlenskiy (Institute of Oil and Gas Problems of RAS), V.Yu. Kerimov* (Gubkin University), I.V. Bogoyavlenskiy (Institute of Oil and Gas Problems of RAS), A.A. Shayhullina (Institute of Oil and Gas Problems of RAS)	44704	A Multi-Scale Geostatistical Method of Evaluating the Elastic Properties of Rock From Digital Core – Ya. Bazakin (IM SB RAS), T. Khachikova* (IPGG SB RAS), D. Kolyukhin (IPGG SB RAS), V. Lisitsa (IPGG SB RAS), G. Reshetova (ICM&MG SB RAS), B. Gurevich (Curtin University), M. Lebedev (Curtin University)		44411	09:25	New field equipment and techniques for improving the quality of land seismic data – T. Fleure (Geophysical Technology Inc.), W. Halvorson (Geophysical Technology Inc.), A. Cherepovskiy* (NewTech Services)	44422	Verification of pumping schedules in order to prevent complications during hydraulic fracturing – I. Peregichkin* (OOO «NGC MFTI»), N. Zavalova(OOO «NGC MFTI»), A. Bykov (OOO «NGC MFTI»), A. Evdokimov (OOO «NGC MFTI»), S. Negodiaev (OOO «NGC MFTI»)		44533
09:50	The Arctic shelf and hard to recover oil reserves as alternative development of Russian resource base – Y. Nefedov* (Saint-Petersburg Mining university)	44650	Application of Extended Elastic Impedance and Best Chi-angle Prediction for Litho-Fluids Projections – N. Ahmed* (University of the Punjab), H.M.B. Shafi (Institute of Geology, University of the Punjab), P. Khalid (Institute of Geology, University of the Punjab)		44513	09:50	The possibility of applying the technology of simultaneously operating pulsed sources for the purposes of seismic survey of high and ultrahigh resolution – V. Ignatiev* (Geodevice LLC), A. Tarasov (Saint Petersburg State University), A. Shuvalov (Saint Petersburg State University), A. Oshkin (Neogen LLC, Moscow State University), A. Konkov (Geodevice LLC, Saint Petersburg State University)	44696	Simulation of Hydraulic Fracturing of Carbonate Reservoirs with Horizontal Wells – A. Khormali* (Saint Petersburg Mining University)		44328
10:15	The Structure of the Barents - Kara Continental Margin – E. Fomina* (JSC MAGE), T. Kirilova - Pokrovskaya (JSC MAGE), S. Pavlov (JSC MAGE)	44632	A method for estimating the azimuth of a fast shear wave from the acoustic log – V.E. Kosarev* (KFU)		44664	10:15	Shear waves, seismic attenuation and a more robust well calibration using zero-offset VSP. Examples from conventional and unconventional reservoirs in Argentina – T. Santana* (YPF S.A.), E.L. Corti (Corri Eduardo Luis), D.L. Sanchez (YPF S.A.), F.G. E Spath (YPF S.A.)	44443	Improving efficiency of hydraulic fracturing by determining of cracks propagaton – A. Podshivalov* (TIU)		44526
10:40	Coffee break		Coffee break			10:40	Coffee break		Coffee break		
11:00	Geological Uplift and Erosion - Impact on Reservoir Quality of Petroleum Systems in the Barents Sea – A. Novoselov* (Lukoil Overseas North Shelf AS), E. Bykova (Lukoil Overseas North Shelf AS), E. Henriksen (Henriksen Maritime Consultancy AS)	44694	Numerical computation of effective elastic parameters of rock samples by 2D and 3D numerical images – G. Reshetova* (ICM&MG SB RAS), T. Hachkova (IPGG SB RAS)		44455	11:00	Comparative analysis of methods for solving cross-well tomography problem – A. Kirilenko* (NSU)	44412	Building Models of Reservoir Processes and Systems		Subm. Id.
11:25	The seismogeological model of the Barents Sea shelf northern part update and perspective hydrocarbon accumulation zones identification based on basin modeling results – G.A. Zavarzina* (LLC «Gazpromneft Science and Technology Centre»), D.S. Shapababaeva (LLC «Gazpromneft Science and Technology Centre»), O.A. Zaikharova (LLC «Gazpromneft Science and Technology Centre»), V.A. Kosmyrin (LLC «Gazpromneft Science and Technology Centre»)	44564	Clay swelling and abnormal pore pressure of geological formation – Y. Bahramian* (National Iranian Oil Company), A. Bahramian (Tehran University), A. Javadi (Tehran University), H. Vatanparast (National Iranian Oil Company)		44667	11:25	Prognosis of high-capacity intervals of the carbonate reservoir by analyzing the seismic scattering energy – D.A. Petrov* (RN-KrasnoyarskNIPineft, LLC), A.A. Kozyaev (RN-KrasnoyarskNIPineft, LLC), A.A. Melnik (RN-KrasnoyarskNIPineft, LLC), A.A. Tuzovskiy (RN-KrasnoyarskNIPineft, LLC), V.V. Shilkov (RN-KrasnoyarskNIPineft, LLC), A.S. Merzlikina (IGIRGI, JSC)	44426	Строение и стадии формирования цветковых структур нарушений осадочного чехла как возможных зон накопления углеводородов – Ю.П. Стефанов* (Институт нефтегазовой геологии и геофизики СО РАН), П.А. Бажкев (Институт физики прочности и материаловедения СО РАН), М.Г. Леонов (Геологический институт РАН), Ю.А. Морозов (Институт физики Земли РАН), А.А. Татарурова (Институт нефтегазовой геологии и геофизики СО РАН)		Stefanov
11:50	Description of the geological structure and hydrocarbon potential of Lugovskogo license area of the Barents sea according to seismic 3D – V. Borodkin* (Industrial University of Tyumen), A. Kurchikov (West Siberian Division of A.A. Trofimuk Institute of Petroleum-Gas Geology and Geophysics SB RAS), V. Samitova (West Siberian Division of A.A. Trofimuk Institute of Petroleum-Gas Geology and Geophysics SB RAS), A. Lukashhev (INGEOSERVIS), A. Nedosekiv (INGEOSERVIS), O. Smimov (INGEOSERVIS), A. Pogretskiy (Gazprom Geologorazvedka)	44357	Laboratory Measurements of Acoustic and Geomechanical Properties of Bitumen Sandstones – E.R. Ziganshin* (Kazan Federal University), D.I. Khassanov (Kazan Federal University), G.S. Khamidullina (Kazan Federal University)		44643	11:50	Fracture connectivity effect on seismic attenuation in fractured porous fluid-saturated media – M. Novikov* (IPGG SB RAS, NSU), V. Lisitsa (IPGG SB RAS), E. Caspari (UNIL), N. Barbosa (UNIL)	44614	Fault Conductivity Analysis Based on Geomechanical Parameters of Fractured Reservoir – I.A. Uzhegova* (Tomsk Polytechnic University), D.V. Konoshonkin* (Tomsk Polytechnic University)		44457
12:15	Deep structure and tectonic zonation of the consolidated crust of Russian Arctic – A.S. Egorov* (Saint-Petersburg mining university)	44438	Change in permeability of a porous medium at ultrasonic action – M.M. Mardegalyamov (KFU), E.A. Marfin* (KazSC RAS), R.A. Vetoshko (KFU)		44532	12:15	Natural Active Fracture Network Mapping on the Basis of Surface Passive Microseismic Researches – I.R. Sharapov* (CJSC «Gradient»), E.V. Birialtsev (CJSC «Gradient»), V.A. Rizhov (CJSC «Gradient»), S.A. Feofilov (CJSC «Gradient»)	44657	Interpreting reservoir structural geology and geomechanics from production data – K.J. Heffer* (Reservoir Dynamics Ltd)		44656
12:40			The impact of well selection on the results of petrophysical modeling and stochastic seismic inversion – K. Kozlov* (CGG Vostok), A. Radchenko (CGG Vostok), K. Filippova (CGG Vostok), I. Nizhegorodova (Salyam Petroleum Development N.V.), M. Podberezhyh (Salyam Petroleum Development N.V.)		44434						
12:40	Lunch break		Lunch break			12:40	Lunch break		Lunch break		

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			Geological Interpretation of Seismic & Well Data		Subm. Id.	Time	Seismic Exploration Technologies		Subm. Id.	Building Models of Reservoir Processes and Systems		Subm. Id.
14:00	Reconstruction of provenance area of Devonian-Permian clastics of the northern part of the Siberian Platform and tectonic reconstructions of the Arctic region in the Middle- Late Paleozoic – V.B. Ershova* (SPbU), A.V. Prokoplev (DMMGI SIBRAS), A.K. Khudoley (SPbU)	44563	Rock-tying feasibility study on the example of elastic gas fields: main challenges, results and the added value – G. Samotirova* (Total E&P Russie), C.Duval (Total SA)		44392	14:00	Unknown properties of scattered waves from fractured reservoir beds unraveled by numerical modeling – V. Leviant* (employment retiree), I. Kvasov (MIPT), I. Petrov (MIPT)		44685	Introduction of karst geological concept into the geological-simulation model of Kharyaga field carbonate deposits – E.A. Yudkina* («Zarubezhneft-Production Kharyaga» LLC), V.S. Ignatov («Zarubezhneft-Production Kharyaga» LLC), E.D. Gusarov («Zarubezhneft-Production Kharyaga» LLC)		44553
14:25	The effectiveness of regional oil and gas exploration on the Taimyr Peninsula – V.I. Kazais (AO Taimyrgeophysika), D.G. Kushnir* (AO Taimyrgeophysika)	44561	Sedimentary Characteristics and Lithological Trap Identification of Distant Braided Delta Deposits: a Case on Upper Cretaceous Yopou Formation of Termit Basin, Niger – Z. Ning* (RIPED Petrochina)		44602	14:25	Substantiation of direct detection and mapping of fluid-saturated fractured reservoirs using reservoir-generated scattered waves – V. Leviant* (employment retiree), I. Kvasov (MIPT), I. Petrov (MIPT)		44686	Integration of geomechanical, geoelectric and structural-tectonic models for the Kovykta gas condensate field geological model improvement – I.V. Buddo* (JSC IERP, Institute of the Earth's Crust of the Siberian Branch of the RAS), A.S. Smimov (LLC Gazprom Geologorazvedka, Federal State Budget Educational Institution of Higher Education «Industrial University of Tyumen»/ IUT), N.V. Misiurkееva (JSC IERP), I.A. Shelohov (JSC IERP, Institute of the Earth's Crust of the Siberian Branch of the RAS), Y.A. Agafonov (JSC IERP), M.A. Lushev (LLC Gazprom Geologorazvedka), S.A. Korotkov (LLC Gazprom Geologorazvedka), E.Ju. Trjasin (LLC Gazprom Geologorazvedka)		44589
14:50	Innovative Geotechnology SGMM (Seismographic Simulation) as the Basis for Exploring Inaccessible Areas of the Arctic – V.I. Kazais* (JSC «Taimyrgeofizika»)	44559	The study of the Riphean fractured reservoir in the zone of hypergenesis to increase the efficiency of oil production – O.N. Koulishkina* (Slavneft-NPTs L.L.C.), D.N. Konyaev (Slavneft-NPTs L.L.C.), M.V. Berin (Slavneft-NPTs L.L.C.), P.O. Ryzanov (Slavneft-NPTs L.L.C.)		44625	14:50	Approaches for Investigation of Oriented Cracks of Reservoirs Using Multicomponent VSP – S.B. Gorskaev* (IPGG SB RAS), N.A. Ashimhin (IPGG SB RAS), W.V. Karsten (IPGG SB RAS), D.M. Vishnevskiy (IPGG SB RAS), S.V. Yaskovich (IPGG SB RAS)		44735	Fracture density evaluation with the use of geomechanical analysis – E. Zubova* (Petroleum Learning Centre of Tomsk Polytechnic University), D. Konoshonkin (Petroleum Learning Centre of Tomsk Polytechnic University)		44335
15:15	Tectonics and petroleum potential of the major uplifts of the Enesey-Khatangskiy regional trough – D.G. Kushnir* (AO Taimyrgeophysika)	44560	Deep Learning applied to seismic facies classification: A methodology for training – D.S. Chevartseva* (IBM), D. Szwarcman (IBM), R.M. Gama e Silva (IBM), E. Vital Brazil (IBM)		44505	15:15	Prediction of the cross section below the TD by means of the versions of the VSP method – G.A. Shekhtman* («Special Geophysical Data Systems» Ltd)		44300	Fractures Clusterization Applying K-means Method Using Microimage Log Data for Fractures Characterization – G. Burtsev* (TPU)		44373
15:40 Coffee break			15:40 Coffee break			15:40 Coffee break			15:40 Coffee break			
16:00	Specifics of Probabilistic Approach Application to Hydrocarbon Resources Estimation and Risk Analysis in Frontier Regions (The East Siberian Sea Shelf Case Study) – E.S. Moskalenko* (LLC «Gazpromneft Science and Technology Centre»), D.S. Shapabaeva (LLC «Gazpromneft Science and Technology Centre»), G. A. Zavarzina (LLC «Gazpromneft Science and Technology Centre»), O.A. Zakharova (LLC «Gazpromneft Science and Technology Centre»)	44693	Information value of 3D seismic in evaluation the prospects of oil and gas fields of the Paleozoic basement of Western Siberia – A. Volkov* (Tomsk Polytechnic University), V. Merkulov (Tomsk Polytechnic University)		44396	16:00	Numerical interpretation of SCAL data with automated history matching tool – B. Jenei* (TU Clausthal), R. Manasipov (Montanuniversität Leoben)		44536	Creation of an applicability matrix of modeling methods depending on the complexity of pore space for carbonate fractured reservoirs – R. Krugov* (OAO Tomskneft VNK), P. Khartontseva (Tomsk Polytechnic University)		44492
16:25	Structural Hydrocarbon Traps in the Sedimentary Cover of the Laptev Sea and Some Adjacent Basins of the Arctic Ocean – T.A. Kirillova-Pokrovskaya* (JSC MAGE)	44619	The presence of weathering crusts in the top of the Pre-Jurassic basement of the south of Central Uvat is one of the key risks affecting the success of drilling exploratory and appraisal wells – O. Elishva* (OOO «TNNC»)		44544	16:25	Proxy reservoir simulation model for IOR operations – G. Lutidze* (The University of Tulsa), R. Younis (The University of Tulsa)		44586	Artificial Intelligence as the Problem Solving Method of Unconventional Reservoir Simulation – S.O. Ursegov* (Skoltech), A.Z. Zakharian (Cervart Ltd.), E.N. Taraskin (Lukoil-Engineering Ltd.)		44448
16:50	Comparative analysis of syn-shear structures on the shelves of Arctic seas (based on CDP seismic data) – Y. Vasilyeva* (JSC Sevmoreftegeofizika JSC Rosgeologia)	44295	Stochastic geological modeling without loss of seismic content – Y. Agramakova* (OOO CGG Vostok), A. Glebov (OOO CGG Vostok), A. Nikolaev (OOO CGG Vostok), S. Ilin (OOO CGG Vostok), M. Balagurov (OOO CGG Vostok), A. Ostanov (OOO Gazpromneft NTC, V. Vorobev (OOO Gazpromneft -Angara)		44437	16:50	Comparison of pore-scale and Darcy-scale simulation of acid injection in carbonate formations – B. Hosseinzadeh* (University of Tehran), Dr Bazargan (Sharif University of Technology)		44212	Evaluation of productivity index in zonal-heterogeneous carbonate reservoir – A.V. Chudinova* (OOO BashNIPIneft), E.M. Salimgareeva (OOO BashNIPIneft), V.N. Fedorov (OOO BashNIPIneft)		44519
17:15	Geological structure and hydrocarbon potential of Khatyr and Aleut basins. Bering Sea. – E.V. Gretskaaya* (Dalmorneftegeophysica JSC), N.A. Petrovskaya (Dalmorneftegeophysica JSC), A.V. Savitskiy (Dalmorneftegeophysica JSC)	44451	Ambiguous Interpretation of Seismic Data on Time and Depth Domains – R. Boyarkin* (OOO LUKOIL-Engineering), M. Surkov (OOO LUKOIL-Engineering), A. Korolev (OOO PetroTrace), B. Esinov (OOO PetroTrace), V.Vasileva (OOO PetroTrace)		44482	17:15	High performance cluster based low-rank solution of Helmholtz problem for applying in Full Waveform Inversion – S.A. Solovyev* (IPGG SB RAS), V.I. Kostin (IPGG SB RAS)		44468	Seismic to Simulation – G. Timoshenko* (Gazpromneft STC), M. Mityaev (Gazpromneft STC), A. Butorin (Gazpromneft STC), A. Timoshenko (Rock Flow Dynamics)		44512
17:40			Geological Studies of New Perspective Production Regions		Subm. Id.	17:40	Streamtubes method for nonlinear filtration problems acceleration – Y. Nevmerzitskiy* (Moscow Institute of Physics and Technology), V. Semaka (Moscow Institute of Physics and Technology), A. Konyukhov (Moscow Institute of Physics and Technology), N. Zavyalova (Moscow Institute of Physics and Technology), I. Zavyalov (Moscow Institute of Physics and Technology), S. Negodyaev (Moscow Institute of Physics and Technology)		44527			
18:05			Modelling of Stage-by-Stage Geology in Geoexploration for the Purposes of Drilling While Developing Complex Reservoirs through the Application of Einstein Formula – V.I. Popkov* (SamGTU & SamaraNIPIneft), A.M. Shterenberg (SamGTU), K.V. Pchela (SamaraNIPIneft), D.A. Gornov (SamaraNIPIneft)		44638	18:05	Modified Continuation Newton solver for reservoir simulation – R. Miftakhov* (Skoltech, GridPoint Dynamics LLC), L. Khakimova (Skoltech), R. Younis (The University of Tulsa), A. Myasnikov (Skoltech)					
			Forecast of the Zones of Distribution of Hydrocarbon Reservoirs in Cambrian Deposits of the Turukhansk Region on the Basis of Lithofacies Analysis – D.A. Komlev* (VNIGNI)		44524							

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Time	Regional Geology and Hydrocarbon Potential of Sedimentary Basins	Subm. Id.	Field Development, EOR, Monitoring and Production of Hydrocarbons		Subm. Id.
09:00	The Role of the Regional Geology in the Perimeter of the Integrated Conceptual Design – M.V. Bukator* (Gazpromneft STC)	44568			
09:15	Comparison of Structural Properties of Eastern & Western Fields of Frolovskaya Region – D. Pandey* (University of Petroleum & Energy Studies)	44329			
09:30	Lithology of the Bazhenov and Georgiev Horizons of the Eastern part of the West Siberian marine basin – A. Zamiralova* (Trofimuk Institute of Petroleum Geology and Geophysics), V. Eder (Trofimuk Institute of Petroleum Geology and Geophysics)	44628	A review on the application of Ionic Liquids on enhanced oil recovery – S. Faghihi* (Petroleum University of Technology)		44585
09:45	Achimovskiy oil-and-gas complex as the main potential in completion of resource base of PJSC Gazpromneft. Problems of studying and development – S. Mikhaylova* (Gazpromneft NTC), O. Zaharova (Gazpromneft NTC)	44567	Investigating wettability alteration of heavy oil due to microwave radiation: based on changes of polar components – J. Taheri-Shakib (Institute of Petroleum Engineering, College of Engineering, University of Tehran), Ali Shekarfard (Institute of Petroleum Engineering, College of Engineering, University of Tehran), Hassan Naderi* (Research Institute of Petroleum Industry, Department of Research and Technology of the rock and fluid reservoirs)		44381
10:00	Vanderford-Totten Rift Structure, East Antarctica – D.A. Golynsky* (VNIIOkeangeologia), A.V. Golynsky (VNIIOkeangeologia)	44384	Development Periclinal Parts of High-Viscosity Oil Fields – A. Ayupov* (Gubkin Russian state university of oil and gas), Y. Volkov (Kazan Federal University)		44388
10:15	New Insights on the Crustal Structure of the Eastern Black Sea Basin From Long-offset Seismic Reflection Data – V. Monteleone* (National Oceanography Centre Southampton, University of Southampton), T.A. Minshull (National Oceanography Centre Southampton), H. Marin Moreno (National Oceanography Centre, University of Southampton)	44436	An Experimental Study on the Utilization of Nanoparticles to Enhance Hydrocarbon Recovery – M. Amani* (Texas A&M University at Qatar), N. Dela Rosa (Texas A&M University at Qatar), M. Idris (Texas A&M University at Qatar), M. Al Balushi (Texas A&M University at Qatar), A. Carvero (Texas A&M University at Qatar), R. Yrac (Texas A&M University at Qatar)		44483
10:30	Discussion		Experimental study on the impact of effective mechanisms on enhanced oil recovery by SiO <sub>2</sub> @Fe <sub>3</sub> O <sub>4</sub> nanocomposite – Z. Etemadan (Shiraz University), Y. Kazemzadeh (Shiraz University), B. Dehdan* (Shiraz University), M. Sharifi (Amir Kabir University), M. Riazi (Shiraz University)		44668
10:45	Cofee break		Cofee break		
Time	Well Logging	Subm. Id.	Field Development, EOR, Monitoring and Production of Hydrocarbons		Subm. Id.
11:00	Evaluation of initial water saturation for low resistivity Jurassic formations of Western Siberia – D. Lyubushkina* (OOO «SamaraNIPneft»)	44471	Optimized Production Method in an Oilfield laid South West of Iran: Evaluation and Selection – E. Ghanatpisheh Senani (NIOC), M. Ghodsbin Jahromi* (SUTech), S. Bairamzadeh (Pars Petro Zagros), S. Ghodsbin Jahromi (Lar Islamic Azad University)		44387
11:15	Reservoir characterization of carbonate in low resistivity pays zones in the Buwalb Formation, Persian Gulf – B. Arbabi* (Iranian offshore oil company), Dr Arbabi (IOOC), Mr. AlZanjani (IOOC)	44327	Investment Opportunities in Iranian EOR Projects – A. Rezaei* (Shiraz University), M. Riazi (Shiraz University), M. Escrochi (Shiraz University)		44681
11:30	Nonstationary Temperature Processes Research Equilibrium Degassing of Oil in Well-Formation System – R.F. Sharafutdinov (Bashkir State University, JSC «GeoTEC»), R.A. Valiullin (Bashkir State University, JSC «GeoTEC»), T.R. Khabirov (Bashkir State University, JSC «GeoTEC»), I.G. Nizaeva (Bashkir State University, JSC «GeoTEC»), I.V. Kanafin* (Bashkir State University, JSC «GeoTEC»)	44285	Inhibiting asphaltene precipitation using microwave irradiation: Experimental investigation – J. Taheri-Shakib* (Institute of Petroleum Engineering, College of Engineering, University of Tehran, Tehran, Iran)		44380
11:45	To determination of formation equilibrium temperature from temperature measurements in production wells – A.Sh. Ramazanov* (Bashkir State University), R.A. Valiullin (Bashkir State University), R.Z. Akhurin (Bashkir State University), G.R. Vakhitova (Bashkir State University), I.G. Nizaeva (Bashkir State University)	44385	The experimental study for elimination of asphaltene precipitation in porous media in solvent injection treatment: Based on the appropriate solvent selection criteria – J. Taheri-Shakib (Institute of Petroleum Engineering, College of Engineering, University of Tehran), E. Kazemzadeh* (Division of Petroleum Engineering, Faculty of upstream Petroleum Industry, Research Institute of Petroleum Industry (RIPI)), M. Rajabi-Kochi (Department of petroleum engineering, Amirkabir university of technology), H. Naderi (Research Institute of Petroleum Industry, Department of Research and Technology of the rock and fluid reservoirs), Y. Salmidshad (Research Institute of Petroleum Industry, Department of Research and Technology of the rock and fluid reservoirs), A. Shekarfard (Institute of Petroleum Engineering, College of Engineering, University of Tehran)		44382
12:00	Geophysical and Hydrodynamic Studies of Multilateral Wells – M. Zuev* (OOO «LUKOIL-Engineering» «KogalymNIPneft» in Tyumen)	44566	Application of Molecular Kinetic Theory for Investigation of Carbonate Surface Wettability Alteration – M.S. Abaei Fath Abad* (University of Tehran), F. Shahabi (University of Tehran), R. Daneshfar (University of Tehran), A. Bahramian (University of Tehran), H. Vatanparast (IOR research institute), A. Javadi (University of Tehran), H. Sadeghi Gilde (Islamic Azad University, Science and Research Branch)		44679
12:15	Identification of Reservoir Fluids in Sandstone Reservoirs Using Sonic and Resistivity Logging Data – G. Hamada* (Universiti Teknologi Petronas)	43985	The Adverse Effect of Monovalent Ions on Wettability Alteration Rate. A Case Study on Akanskoie Reservoir in Russia-Tatarstan – M. Rezaei Koochi* (KFU), A. Shakirov (KFU)		43944
12:30	Regional development study (North GOM, East Cameron-South) – H.H. El-Husseiny* (Ain Shams University), M.N. Abdelrahim (Ain Shams University), M.E. Yamny (Ain Shams University)	44445	Discussion		
12:45	Lunch break		Lunch break		
Time	Core and Fluid Analysis	Subm. Id.			
14:00	Investigation of Effects of Smart Water Injection on Zeta Potential and Wettability of Carbonate Reservoirs – B. Moradi (National Iranian Oil Company), A. Khalilnejad* (Reza Industrial Complex)	44593			
14:15	Organic porosity - the factor of hydrocarbon accumulations in the source rock – V.Yu. Karimov (Gubkin University), M.V. Zaharchenko* (Gubkin University), M.M. Lyushin (Gubkin University), R.N. Mustaev (Gubkin University)	44345			
Time	Rock Physics and Geomechanics	Subm. Id.			
14:30	The rock strength properties determination of the Jurassic formation sandstones by updating empirical relations for Mechanical Earth model construction – V. Tashkinov* (DAO «RN-Nyaganneftegaz»), D. Konoshonkin («Center Podgotovki i perepodgotovki specialistov neftegazovogo dela»)	44405			
14:45	New rock physical model describing the pressure dependence and hysteresis of acoustic velocities – A. Kiss (University of Miskolc), J. Somogyi Molnár* (University of Miskolc, MTA-ME Research Group of Geoen지니어ing), M. Dobroka (University of Miskolc)	44430			
15:00	An analytical and numerical methods to predict sand production rate in poorly consolidated reservoir: Case study in the field "X" – R. Abriyana* (STI Migas Balikpapan)	44518			
15:15	Rock formation transient stress condition of fluid-saturated carbonate reservoirs – A.G. Vakhromeev* (Institute of the Earth's Crust of the Siberian Branch of the RAS), S.A. Sverkuinov (Irkutsk National Technical University), V.M. Ivanshin (Irkutsk National Technical University), N.V. Misiurkeeva (JSC IERP), I.V. Buddo (JSC IERP, Institute of the Earth's Crust of the Siberian Branch of the RAS)	44640			
15:30	Discussion				
15:45	Cofee break				

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Time	Regional Session. World Basins	Subm. Id.	Seismic Attribute Analysis, Seismic Elastic Inversion, AVO	Subm. Id.	Time	Unconventional Resources, Prospects of Development and Features of Exploration & Production of HTR Reserves	Subm. Id.	Simulation of Reservoir Processes and Systems	Subm. Id.		
09:00	Tectonic Evolution Model of Nayband Fault (Central Iran), Based on Geophysical Data – A. Sohrabi* (Saint Petersburg Mining University), Dr. Movchan (Saint Petersburg Mining University)	44477	Processing and interpretation land broadband data: Eastern Siberia case study – M. Romanenko* (OOO CGG Vostok), A. Kharitonov (OOO CGG Vostok), A. Sorokin (OOO GazpromneftNTC), A. Glebov (OOO CGG Vostok)	44393	09:00	Experimental Study of Gas Slippage in Two Phase Flow in Shale Rocks – R. Nazari Moghaddam* (Heriot-Watt University)	44556	Assessing 3D Structural Uncertainties in Reservoir Modeling and their Effects in Fluid Dynamics – A. Ganzoo* (BakerHughes, a GE Company)	44276		
09:25	Exploration New Play in Frontier Basin Aru, Eastern Indonesia Using New Insight of Geophysical and Geological Evaluation – O. Oktariano* (SKK MIGAS), R.D. Pradhana (SKK MIGAS), S.E. Saputra (SKK MIGAS), B. Sapiie (Bandung Institute of Technology), I. Gunawan (Bandung Institute of Technology)	44493	The impact of the low-frequency component of seismic data on geological results of the deterministic acoustic inversion – I.I. Kubyshta* (LLC Gazpromneft STC), Y.V. Pavlovskiy (LLC Gazpromneft STC)	44464	09:25	Mineralogical mapping of natural reservoirs in shale formations – D. Zagranovskaya* (Gazpromneft NTC LLC), O. Zaharova (Gazpromneft NTC LLC)	44475	3D Channel Reservoir Characterization Using a Model Selection Scheme for Fast and Reliable History Matching – B. Kang* (Seoul National University), G. Kim (Seoul National University), J. Choe (Seoul National University)	44376		
09:50	The Mesozoic New Play Hydrocarbon In Timor Tanimbar Area Indonesia By Using Geological And Geophysical Data: New Insight – M.N. Krisnayadi* (SKK Migas Indonesia), B.T. Tampubolon (SKK Migas Indonesia), D.R. Aprilian (SKK Migas Indonesia)	44540	Fracture Prediction by Azimuthal Young's Modulus Direct Inversion – T. Du* (China University of Petroleum (Huadong)), Guochen Wu (China University of Petroleum (Huadong)), Y.J. Zeng (China University of Petroleum (Huadong))	44279	09:50	Value of Coniconchia in rock-forming processes for the Domanik deposits from the Perm region – Y.S. Tnubin* (Industrial University of Tyumen), A.V. Plusnin (Perm State University)	44469	Sensitivity analysis of the impact of geological uncertainties on DFN model construction (Field X) – A. Bloshkin* (Tomskneft VNK)	44377		
10:15	Unlocking Hydrocarbon Potential in Bird's Head Papua Indonesia Using Integrated Geophysical and Geological Evaluation – Y.S. Dewi* (SKK MIGAS), S.E. Saputra (SKK MIGAS), O. Oktariano (SKK MIGAS), B. Sapiie (Bandung Institute of Technology), I. Gunawan (Bandung Institute of Technology)	44539	Net Pay risk assessment workflow based on multiple realizations of pre-stack geostatistical inversion (Western Siberia field case study) – K.E. Filippova* (CGG), S.L. Fedotov (CGG), I. Nizhegorodova (Salym Petroleum), H. Lauferts (Salym Petroleum)	44433	10:15	Methodical approach to the assessment of oil and gas "shale" resources in domanic – O.M. Prischepa* (VNIGRI, SPb University Gorniy), O.Yu. Averyanova (VNIGRI), E.I. Grokhotov (VNIGRI), V.S. Nikiforova (SPb University Gorniy)	44507	A discussion About the Effect of Considering the Dynamic Capillary Forces on Dissimilarity of Imbibition Recovery Curves – J. Abbas* (Shiraz University), M. Ghaedi (Shiraz University), M. Riazi (Shiraz University)	44491		
10:40	Coffee break		Coffee break		10:45	Coffee break		Coffee break			
11:00	From Imagination to Reality - Case Study of An Appraisal Well Specifically Designed for CO2 Sequestration Project in Malaysia – S.N. Ameer Hamza* (PETRONAS), S.S. Mohd. Ali (PETRONAS Cargali Sdn. Bhd.), M.A. Abdul Wahab (PETRONAS), M.R. Fadzil (PETRONAS Cargali Sdn. Bhd.)	43976	Exploring the Posterior Model Space of Seismic Inversion – P. Thore* (Total E&P)	44415	11:00	Petroleum prospects of the Domanik Formation in Timano-Pechora Province – O. Prischepa (VNIGRI, St. Petersburg Mining University), E. Grokhotov* (VNIGRI), I. Makarova (VNIGRI), O. Averyanova (VNIGRI), V. Nikiforova (St. Petersburg Mining University)	44421	Transient, Sandface Temperature Solutions for Horizontal Wells Producing Dry Gas – A. Dada* (Heriot-Watt University), K. Muradov (Heriot-Watt University), D. Davies (Heriot-Watt University)	44674		
11:25	3D Morpho-tectonic basin modelling and near-surface deformation patterns of the Lake Erçek Basin, eastern Anatolia (Turkey), from high-resolution seismic reflection images – M. Toker* (Yuzuncu Yil University), H. Tur (Istanbul University)	44007	Spatial rocks physical properties prediction by applying machine learning algorithms with seismic 3D data and well logs – S.V. Egorov* (ZAO «MIMGO»), I.I. Priezhev (OOO «Laboratoriya Priezheva»)	44299	11:25	Lithology and Conditions of Formation of the Bazhenov Formation in the Southern Nadym Megamonoklise in the West Siberia – V.G. Eder* (IPGG SBRAS), A.G. Zamiralova (IPGG SBRAS)	44627	Production logging in horizontal wells by quantum dots marker technology – K.M. Saprykina* (Geosplit Ltd.), K.N. Ovchinnikov (Geosplit Ltd.)	44655		
11:50	Sedimentation and tectonics paleoreconstruction approach in a part of Fula Sub-basin (Sudan) – A. Gritsenko* (Oilteam), A. Enilin (Oilteam)	44465	Multivariate Analysis of Seismic Attributes by the Principal Component Method – I. Mityunina* (PSU)	44425	11:50	Geological Structure and Oil Content of the Bazhenov Formation Central Part of the West Siberian Plate – D.A. Spiridonov* (LUKOIL-Engineering KogalymNIPIneft Branch Office in Tyumen), V.V. Kolpakov (LUKOIL-Engineering KogalymNIPIneft Branch Office in Tyumen)	44403	Reservoir Rock Anisotropy as the Main Factor Governing Wellbore Stability in West Salym Oilfield – A.V. Seryakov* (Baker Hughes), M.Yu. Podberetzny (Salym Petroleum Development N.V.), O.B. Bocharov (Baker Hughes)	44379		
12:15	Conditions for forming and prospects of searching hydrocarbon deposits in the Kyulong basin (Vietnam) – V.N. Hai* (Gubkin University), E.A. Leonova (Gubkin University)	44344	Azimuthal AVO modeling for fractured zones identification - a feasibility case study – A. Grinevskiy* (LUKOIL-Engineering)	44419	12:15	Methodological Approaches to the Evaluation of Oil Resources in the Bazhenov Formation – M.B. Skvortsov* (VNIGNI), M.V. Dakhnova (VNIGNI), E.A. Koplevich (VNIGNI), V.D. Nemova (VNIGNI), N.D. Severe (VNIGNI), A.M. Kirsanov (VNIGNI), S.V. Mozhegova (VNIGNI)	44132	The stress-strain state and wells stability in poroelastoplastic medium – E. Grishko* (Skoltech), A. V. Myasnikov (Skoltech), Yu. P. Stefanov (IPGG SB RAS), R. A. Bakeev (IPMS SB RAS), A. S. Romanov (IPGG SB RAS)			
12:40	Lunch break		Lunch break		12:40	Lunch break		Lunch break			

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Time	Petroleum Systems and Basin Modeling	Subm. id.	Seismic Attribute Analysis, Seismic Elastic Inversion, AVO	Subm. id.	Time	Unconventional Resources, Prospects of Development and Features of Exploration & Production of HTR Reserves	Subm. id.	Simulation of Reservoir Processes and Systems	Subm. id.		
14:00	Basin modeling and estimate of the resource potential for Mesozoic hydrocarbon systems of the South-Kara Basin – I.A. Sannikova* (Lomonosov Moscow State University), A.V. Stupakova (Lomonosov Moscow State University), R.S. Sautkin (Lomonosov Moscow State University)	44530	Application of methods of attribute and seismic facies analysis in the study of carbonate fractured reservoirs of the Paleozoic basement of Western Siberia – A. Iskhakova* (RN-SamaranIPNefth), V. Mervulov (Tomsk Polytechnic University)	44449	14:00	The Effect of Lithologies on Oil Enrichment in Lucaogou Formation, Santanghu Basin, China – G. Liu* (China University of Petroleum), Zhilong Huang (China University of Petroleum, Beijing)	44261	Incorporation of Particle Swarm Algorithm and ROP models to optimize drilling parameters and mitigate drilling operation expenditure in one of Iranian offshore oil field – P. Saadati* (I), Mr Chamankhah (PetroServices), Dr Romagnoli (Politecnico di Torino)	44537		
14:25	The Reflection of the Thrust and Fold Deformation in the Parameters of Rock-Eval of Coals of Sakhalin and the Vicinity of the Mt. Elbrus – S.M. Astakhov* (Kontiki-Exploration LLC), V.N. Melenevsky (IPGG SB RAS), A.N. Fomin (IPGG SB RAS)	44525	Fracture networks delineation techniques with 3D seismic attributes. Example from Russian Far Eastern Sea offshore – D. Sirotenko (Geoservice Geological Institute, Russian Academy of Science), O. Erzh* (Geological Faculty, Lomonosov State University)	44432	14:25	Modeling Systems of Magmatic Fracking Beneath Active Volcanoes – A.V. Kiryukhin* (Institute of Volcanology and Seismology), S.A. Fedotov (Institute of Volcanology and Seismology), P.A. Kiryukhin (EPAM)	44407	Формирование областей необратимой деформации и остаточных напряжений при выбуривании скважины – Ю.П. Стефанов* (Институт нефтегазовой геологии и геофизики СО РАН), Р.А. Бакаев* (Институт физики прочности и материаловедения СО РАН), А.В. Масников, А.С. Романов			
14:50	Gazpromneft STC experience in integration of structural and basin modeling technologies for exploration of petroleum systems in regions with complex tectonics – I. Melnikova* (LLC «Gazpromneft STC»), I. Belekaya (LLC «Gazpromneft STC»), S. Nilov (Saint-Petersburg State University), R. Murzin (LLC «Gazpromneft STC»)	44521	Application of Multi-Attribute Analysis and Impedance Inversion studies to delineate sands and lithology variations – R. Chatterjee (Indian School of Mines (ISM)), R. Agarwal* (Asian Oilfield Services Limited)	44391				Mathematical Modelling of Deep-Bed Filtration of Dilute Suspension – D. Sidorova* (Lomonosov Moscow State University)	44369		
15:15	Using of N-component source rock kinetics in oil and gas exploration projects – S.M. Astakhov* (KONTIKI-Exploration Ltd)	44520	The Resolution of the Seismic Data in the Recovering of Elastic Properties – D.N. Myasoedov* (RN-Shelf-Arctic LLC)	44642	15:15	Risks and uncertainties analysis in geological exploration – V.Yu. Kerimov (Gubkin University), A.V. Bondarev* (Gubkin University), R.N. Mustaev (Gubkin University)	44342	The Effect of Variable Skin on Pressure Data and Welltest Analysis – M. Sharifi (Amirkabir University of Technology), S. Matmoudi* (Amirkabir University of Technology), M. Mehdi-pour (Amirkabir University of Technology)	44680		
15:40	Coffee break		Coffee break		15:40	Coffee break		Coffee break			
16:00	Estimation of Oil Generation Properties of Organic Material by Method of Material Balance on The Basis of Pyrolysis Data – M.Y. Zubkov* (OOO West Siberian Geological Centre), S.N. Repetov (Tyumen Branch SurgutNIPNefth)	44395			16:00	Practice of Consideration of Risks in the Estimation of Resources by Different Classifications – A. Efremov* (Novosibirsk branch of FGBU VNIGNI)	44394	Application of free fluid porosity in modeling of Turonian type reservoir – L. Uspenskaya (Wintershall Russland GmbH), N. Minibaev* (Wintershall Russland GmbH), N. Shadchnev (Wintershall Russland GmbH), I.A. Dubnitskiy (OAO Severnneftegazprom)	44522		
16:25	Investigation of source rock on the results of the complexing of geochemical and voltage researches – E.I. Vasilenko* (Gubkin University), A.V. Osipov* (Gubkin University), M.V. Zaharchenko (Gubkin University), I.M. Salthova (Gubkin University)	44343			16:25	Planning of Geological Exploration Work to the Petroleum Resources Management Systems (PRMS) Standards – L. Saratinian* (LUKOIL-Engineering KogalymNIPNefth Branch), S. Lats (LUKOIL-Engineering KogalymNIPNefth Branch), S. Malov (LUKOIL-Engineering KogalymNIPNefth Branch), N. Saratinian (LUKOIL-Engineering KogalymNIPNefth Branch), A. Kachkin (LUKOIL-Western Siberia)	44289	Modeling of Unsteady Flow in Karst Reservoirs Using a Modified Brinkman's Equation – M.S. Jamal* (King Fahd University of Petroleum & Minerals), A.A. Awlondue (King Fahd University of Petroleum & Minerals)	44321		
16:50	A Two Dimensional Basin and Petroleum System Modeling in Coastal Fars Area of South Zagros, Iran – M.H. Saberi* (Semnan University), Mr Ashrafi (Semnan University)	44450			16:50	Optimization of workflow for structural uncertainty assessment in Caspian offshore field – D. Ovsyannikov* (Roxar Services AS), D. Machukaev (Roxar Services AS)	44548	Tuned Inflow Performance Relationship (IPR) For One of the Iranian Gas Solution Oil Field – H. Asaadian* (Petroleum University of Technology (PUT))	44372		
17:15	Zakeen and Faraghoun formation as new source rocks of Paleozoic era in Persian Gulf and Coastal Fars south Iran – M.H. Saberi* (Semnan University), Mr Jalilian (Semnan University)	44424			17:15	Probabilistic seismic hazard assessment of Qayen, a seismically active region in East of Iran – T. Evazzadeh (University of Tehran), M Hamidbeygi* (University of Tehran)	44479	A Study of Cycle Dependant Relative Permeability Hysteresis in Two Phase Experiments – S. Aghabozorgi Nafchi* (Heriot Watt University), M. Sohrabi (Heriot Watt University)	44554		
17:40	Chemometrics as New Tools to Make Sense of Biomarker Data in Condensate Samples of Iranian Gas Field – M.H. Saberi* (Semnan University), Mr Seyyidi (Semnan University)	44439			17:40	Modern Automated Software as a Necessary Tool for Processing Microseismic Monitoring Data – V.V. Savelenko* (IKBFU), V.I. Strokov (IKBFU), G.N. Erokhin (IKBFU)	44397	A Comprehensive Study on Prediction and Inhibition of Calcium Sulfate Scale Formation in Oil Reservoirs – A. Khormali* (Saint Petersburg Mining University), D.G. Petrakov (Saint Petersburg Mining University)	44302		
18:05	Geochemical Characteristic of Aalenian (Middle Jurassic) Organic Matter in the Central Part of Patish Basin – A. Zakrzewski* (AGH - University of Science and Technology), P. Kosakowski (AGH - University of Science and Technology), A. Kowalski (AGH - University of Science and Technology)	44071			18:05			Experience in Geological Modeling of Complex Oil Deposits – V. Kasatkin* (OOO «LUKOIL-Engineering» branch «KogalymNIPNefth» in Tyumen), V. Grishkevich (OOO «LUKOIL-Engineering» branch «KogalymNIPNefth» in Tyumen), S. Lagutina (OOO «LUKOIL-Engineering» branch «KogalymNIPNefth» in Tyumen), S. Lavrenov (OOO «LUKOIL-Engineering» branch «KogalymNIPNefth» in Tyumen), E. Panina (OOO «LUKOIL-Engineering» branch «KogalymNIPNefth» in Tyumen), A. Palkin (OOO «LUKOIL-Engineering» branch «KogalymNIPNefth» in Tyumen), N. Moskalenko (OOO «LUKOIL-Engineering» branch «KogalymNIPNefth» in Tyumen), E. Toropov (OOO «LUKOIL-Engineering» branch «KogalymNIPNefth» in Tyumen), V. Starikov (OOO «LUKOIL-Engineering» branch «KogalymNIPNefth» in Tyumen), P. Boronin (OOO «LUKOIL-Engineering» branch «KogalymNIPNefth» in Tyumen), A. Laptey (OOO «LUKOIL-Engineering» branch «KogalymNIPNefth» in Tyumen)	44401		
					18:30			Use of methods of geostatistics and numerical modeling in the study of fractured limestones – A.E. Ovinnikov* (JSC SPb NIII Energoizyskaniya, VSEGEI), A.G. Koltzev (JSC SPb NIII Energoizyskaniya), S.A. Pereverzeva (JSC SPb NIII Energoizyskaniya, St. Petersburg State University), T.A. Berdichevskaya (JSC SPb NIII Energoizyskaniya, St. Petersburg State University), N.A. Vaskova (JSC SPb NIII Energoizyskaniya)	44485		



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Poster Presentations		
Time	Seismic Exploration Technologies	Subm. Id.
09:00	Prospects for the usage of crosshole seismic testing in oil and gas seismic survey complex – A. Galperina* (Moscow State University), A. Oshkin (Neogen LLC, Moscow State University), V. Ignatiev (Geodevice LLC), A. Konkov (Geodevice LLC, Saint Petersburg State University), R. Ermakov (Moscow State University)	44695
09:15	Depth and time smoothing in modelling and boundary reconstruction workflows – M. Bazulin* (Gubkin Russian State University of Oil and Gas), A. Shevchenko (PetroTrace Geoscience Company)	44555
09:30	Seismic Interpretation of Multi-channel Data acquired in Indian ocean Geoid Low region – S. Rana* (I)	44241
09:45	Matched velocity models of the Arctic shelf – D. Bezumov* (VNIIOkeangeologia), V. Butsenko (VNIIOkeangeologia)	44565
10:00	Discussion	
Time	Seismic Exploration Concerns	Subm. Id.
10:15	Trefftz Approximation. An Application to the Finite-Difference Solution of 2D Helmholtz Equation – S. Ezadian (Institute of Geophysics), K. Aghazade* (Institute of Geophysics), N. Amini (Institute of Geophysics)	44408
10:30	Time-Domain Finite-Difference Modeling of Acoustic-Wave Propagation in 2D TTI Media – S. Ezadian* (Institute of Geophysics), K. Aghazade (Institute of Geophysics), N. Amini (Institute of Geophysics)	44408
10:45	Coffee break	
11:00	Methods of Accounting Medium-Related Anomalies in the Process of Constructing Seismic Images – R. Chernov* (OOO TNG Group)	44601
11:15	Workflow for an initial model of seismic tomography – D. Nara* (CSIR-National Geophysical Research Institute), K. Sain (CSIR-National Geophysical Research Institute)	44633
11:30	Mexican Gulf of Mexico - Geological Variations and Constraints from Sensitivity Tests in Gravity Processing – F. Winter* (TGS)	44534
11:45	Re-processing Implementation Experience of Merged Multiple 3D Seismic Surveys (Western Siberia) – D. Semin* (Gazpromneft NTC), E. Koshkarov (Gazpromneft NTC), S. S. Milosevic (NTC NIS - Naftagas)	44557
12:00	Processing UniQ Seismic Data in Order to Increase the Low Frequencies Energy - Case Study – A. Sorokin (LLC Gazpromneft STC), D. Litvichenko* (LLC Gazpromneft STC), Y. Pavlovskiy (LLC Gazpromneft STC), A. Haritonov (CGG), M. Romanenko (CGG), A. Glebov (CGG)	44501
12:15	Discussion	
12:40	Lunch break	
Time	Nonseismic Methods of Exploration	Subm. Id.
14:00	The Tomographic Transform of the Gravity Field and their Geological Interpretation – S. Bychkov* (Mining Institute UB RAS)	44418
14:15	Identify of oil and gas prospect area using satellite gravity data in West Aceh, Indonesia – D. Darisma* (University of Syiah Kuala), M. Marwan (University of Syiah Kuala)	44672
14:30	The potential use of Satellite Gravity for Oil prospecting in sedimentary Basin: A Case study from Tanimbar, Province of Maluku, Indonesia – M. Yanis* (Syiah Kuala University), A. Asrillah (Syiah Kuala University), N. Ismail (Syiah Kuala University)	44673
14:45	Evaluation of the different approaches to the TEM data inversion applicability – I.K. Seminsky* (JSC IERP), N.O. Kozhevnikov (IPGG SB RAS), I.V. Buddo (JSC IERP, Institute of the Earth's Crust of the Siberian Branch of the RAS), E.V. Murzina (JSC IERP), Yu.A. Agafonov (JSC IERP)	44490
15:00	3D Direct Current Resistivity method Modeling Based on the Multi-Resolution Grid – J. Gao* (Luleå University of Technology), M. Smimov (Luleå University of Technology), M. Cherevatova (University of Münster), G. Egbert (Oregon State University)	44647
15:15	Noise suppression in reduction to pole of magnetic data – M. Dobroka (University of Miskolc), A Kiss* (University of Miskolc), J Somogyi Molnár (University of Miskolc)	44456
15:30	Discussion	