



SOCIETY OF PETROLEUM ENGINEERS

REGISTRATION DEADLINE:

30 MAY 2016

JUNE 6 – 7, 2016

Peterhof, Russia

SPE Workshop «PETROPHYSICS XXI : New Challenges»

PROGRAM COMMITTEE

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Company

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Salym Petroleum Development

KIRILL SHMYGLYA

RN- Exploration

NATALYA SCHETININA

TNNC

VLADISLAV YATSENKO

Rosneft

WORKSHOP PURPOSES:

The workshop will take place for the 4th time focusing on experience and best-practices sharing in innovative core analysis methods; special logs interpretation; evaluation of low-permeability, heterogeneous, cavernous and fractured reservoirs and oil-source rocks; log interpretation in horizontal wells; rock physics and geomechanics; new methods of cased hole logging; reserves estimation; cost optimization and efficiency Improvement in petrophysical support of geological exploration and field development.

WHO SHOULD ATTEND:

Representatives of leading oil and gas producing companies, oilfield service organizations and scientific centers.

CONFIRMED PARTICIPATION:

Rosneft, Gazpromneft, Lukoil, Surgutneftegaz, Salym Petroleum Development, Sakhalin Energy, Schlumberger, Halliburton.

PROGRAM COMMITTEE SUGGESTS THE FOLLOWING TECHNICAL SESSIONS:

- *Up-to-date methods of core acquisition and analysis;*
- *Integrated petrophysical projects;*
- *Complex and unconventional reservoirs/ special logs;*
- *Log Interpretation in horizontal wells;*
- *Rock physics and geomechanics;*
- *Cased hole logging*

Several lecture-sessions planned for the workshop on Bazhenov formation, complex reservoirs, petrophysical support of offshore projects and other topical questions of modern petrophysics.

TOP-PRIORITY SUBJECTS OF REPORTS :

- **New Methods in Core Analysis** (new methods and apparatus; pitfalls in conventional reservoirs survey; core analysis of complex reservoirs: unconsolidated, salt-containing, thin-laminated, tight, etc)
- **Core Geomechanics** (core preparation and sampling; test types and objectives; associated uncertainties; field cases)
- **Digital Petrophysics** (current state; hardware and apparatus; software and analytical methods; case studies; realized projects)
- **Integrated Full-Scale Petrophysical Projects** (examples of exploration, well placement optimization, reserves calculation projects; integrated support of static and dynamic modeling; feasibility study of geological and technological risks)
- **Special Logs Application and Interpretation** (nuclear magnetic resonance logging, cross-dipole full-wave acoustic logging, radioactive spectroscopy logging, borehole imagers, tri-axial electric logging, dielectric logging, logging behind casing)
- **Complex Reservoirs and Oil-Source Rocks** (evaluation of low-porosity and low-permeability reservoirs, complex lithology reservoirs, fractured and cavernous reservoirs, salt-containing reservoirs, bituminous rocks)
- **Heterogeneous Anisotropic Reservoirs** (laboratory analysis issues, logging evaluation techniques and technologies, properties upscaling to match resolution of static and dynamic models, reserves estimation and development concept)
- **Horizontal Wells Evaluation** (problem description, methods of petrophysical evaluation, influence on 3D modeling and field development concept)
- **Rock Physics** (input logging data QC & correction, assessment of lithology and fluid saturation impact on seismic attributes, integrated analysis of seismic and petrophysical data)
- **Applied Geomechanics** (geomechanical data acquisition, 1D and 3D geomechanical modeling, wellbore stability, change of rock properties)
- **Reservoir Management and Well Integrity Control** (production & injection split, contributing intervals identification, estimation of current saturation, fracture geometry evaluation, wellbore scaling and corrosion, cement quality, gravel pack intervals confirmation, etc)
- **Fiber Optics** (DTS и DAS, technological advances, case studies and realized projects)



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TECHNICAL SESSIONS:

SESSION 1: Up-to-date methods of core acquisition and analysis;

SESSION 2: Integrated petrophysical projects;

SESSION 3: Complex and unconventional reservoirs/ special logs;

SESSION 4: Log Interpretation in horizontal wells;

SESSION 5: Rock physics and geomechanics;

SESSION 6: Cased hole logging

POSTER SESSION *In addition to the main Technical Sessions the Program Committee is interested in organizing of Poster Session. Posers will give the participants additional opportunities to share their ideas and technologies. To get more information ant to participate in Poster Session you can contact Antonina Kozmina at akozmina@spe.org.*

SPE plans to run lectures on the following topics:

1 DAY

- Bazhenov formation: physical and chemical rock properties, *Natalya Bogdanovich, SkolTech*
- Core analysis issues: petrophysical support for oil-in-place estimation in source rock, *Alexey Alexeev, Gazpromneft*

2 DAY

- Net pay intervals identification in low porosity reservoirs based on special logs, *Evgeny Karpekin, Schlumberger*
- Fractured formation study: geomechanical, petrophysical modeling and seismic data integration, Timan-Pechora case, *Halliburton*



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<http://rca.spe.org/ru/>

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GENERAL INFORMATION

INFORMATION FOR PRESENTERS:

If you are interested to be a speaker at the workshop, please send your presentation abstract (2-3 paragraphs with description of nature and scope of work, possible applications and summary of results or technical contributions) to Antonina Kozmina at akozmina@spe.org **before May 10, 2016**. Your abstract will be reviewed by the Program Committee to consider its acceptance for the Workshop Program.

The following information is required for each abstract:

- Participant's name, Company name;
- Contact details- phone number, address, e-mail address;
- Session's title;
- Title of your presentation

Programme information

Detailed information on Workshop Programme will be posted on SPE regional web-site: <http://rca.spe.org/>

And general SPE web-site: <http://www.spe.org/>

Workshop participants

The number of attendees shouldn't exceed 100 oil and gas specialists

Commercialism

In keeping with Workshop objectives and the SPE mission, excessive commercialism in posters or presentations will not be permitted. Company logo must be limited to the poster slide and used only to indicate the affiliation of the presenter and others involved in the work.

SPONSORSHIP SUPPORT:

Sponsorship support helps offset the cost of producing workshops and allows SPE to keep the attendance price within reach of operations-level individuals, those who benefit most from these technical workshops. Sponsors benefit both directly and indirectly by having their names associated with a specific workshop. While SPE prohibits any type of commercialism within the conference hall itself, the society recognizes that sponsoring companies offer valuable information to attendees outside the technical sessions.

SPONSORSHIP CATEGORIES:

Sponsorship can be offered in the following categories:

General Sponsorship – your organization can make a general contribution to the workshop costs and be identified on all promotional literature as a “General Workshop Sponsor”.

1) **Simultaneous Translation** – the workshop will be simultaneously translated in English and Russian. This sponsorship covers the hire cost of the equipment and the translators;

2) **Workshop Coffee Breaks** - there will be morning and afternoon coffee breaks on each day of the workshop. Exclusive sponsorship for one or all workshop coffee breaks;

3) **Workshop Lunches** - there will be 2 workshop lunches during the event for all attendees. Exclusive sponsorship for one or all workshop lunches;

4) **Reception** – sponsorship of Evening Reception for all Workshop participants.

5) **Audio-visual equipment**— sponsorship of equipment (microphones, audio systems and projectors). For more information regarding sponsorship support please contact Antonina Kozmina at akozmina@spe.org, tel. +7-495-284-04-54.

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REGISTRATION

REGISTRATION RATES

Dress Code
Casual clothing is recommended,
The Workshop atmosphere is informal

Attendance Certificate
All attendees will receive a certificate from SPE attesting to their participation in the workshop

<i>Terms of participation</i>	<i>RUB, no VAT</i>	<i>VAT</i>	<i>RUB with VAT</i>
<i>SPE members non-residential</i>	30,000.00	5,400.00	35,400.00
<i>Non-SPE-members non-residential</i>	33,000.00	5,940.00	38,940.00

According to SPE Policy Registration rates are the same for all participants including presenters and Program Committee Members.

Should you have any questions about conference attendance and registration, please contact Ulyana Dmitrieva udmitrieva@spe.org and Irina Merkul imerkul@spe.org +7 (495)268-04-54

Conference report

Presentation materials will not be published, therefore formal papers and handouts are not expected from speakers. PowerPoint presentations will be posted on a specific SPE URL address after the Workshop and be available for Workshop attendees only.

The Committee will prepare a full report containing the highlights of the Workshop description. This report will be circulated to all attendees. The copyright of the summary report will belong to SPE.

Topic submission deadline: May 10, 2016

Registration deadline: May 30, 2016