

SPE WORKSHOP

PETROPHYSICS XXI



4 — 5 JUNE 2018

PETERHOF, SAINT PETERSBURG

NEW PETERHOF HOTEL

St. Peterburgsky prospect, 34

REGISTRATION DEADLINE: MAY 21

TOPIC SUBMISSION DEADLINE: MAY 7

WORKSHOP GOALS:

Traditional SPE workshop on Petrophysics this year will approach digital and machine technologies. Workshop participants will have opportunity to share their experience on digital analysis and petrophysical smart tools development for timesaving, analysis efficiency improvement, big heterogeneous data management and saving time for decision making, generalization of results and development of new approaches to interpretation of complex reservoirs and hard-to-recover reserves evaluation.

Traditionally we are going to discuss:

- Innovative methods of core analysis
- Complex reservoirs evaluation
- Interpretation of logs
- Logging data interpretation in horizontal wells
- Rock physics and geomechanics
- Modern production logging methods: reservoir development and well integrity analysis

Workshop will cover the following topics:

LECTURE «Laboratory «Digital core» Integrated products for oil and gas industry», V. Shklover, Systems for Microscopy and Analysis (Skolkovo)

LECTURE «Information architecture of modern petrophysical service», S. Polushkin, Salym Petroleum Development

SESSION 1: Automation and digitalization of petrophysics problems

SESSION 2: Advanced methods of core sampling and core analysis

SESSION 3: Complex petrophysical projects

SESSION 4: Complex and unconventional reservoirs/ Special well logging techniques

SESSION 5: Rock physics and geomechanics

SESSION 6: Production logging

POSTER SESSION

PROGRAMME COMMITTEE

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Top-priority subjects

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- **Digital petrophysics** (current state, hardware and methodological support, current results, future considerations)
- **Automation tools for data processing and data management** (automated algorithms for uploading, normalizing, data interpretation and comprehensive reporting)
- **Modern methods of core sampling and analysis** (core analysis for unconsolidated, salinized, heterogenetic and low-permeable rocks)
- **Complex reservoirs/ source rocks/ Hard-to-recover reserves** (thin layers, poor-porous, fractured, cavernous, saline, bituminous rocks etc.)
- **Specifics well logging techniques interpretation** (nuclear-magnetic logging, cross-dipole full-wave acoustic logging, radioactive spectrometry methods, triaxially electric logs, dielectric logs, etc.)
- **Logging data interpretation in horizontal wells** (problematics, petrophysical modeling, impact on the concept of integrated modeling and field development)
- **Poroelastic modeling and rock-physics** (restoration and correction of acoustic and density properties, assessment of lithology and fluid saturation impact on seismic attributes, estimation of seismic and geological modeling informational value, integrated analysis of seismic and petrophysical data)
- **Applied geomechanics** (geomechanical data collection, 1D and 3D geomechanical modeling, wellbore stability, rock properties changes under development process)
- **Reservoir management and completion control methods** (modern methods of well integrity study, fluid movement profile, running intervals estimation, current saturation, hydraulic fracturing geometry , formation of gravel filters etc.)

POSTER SESSION

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



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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 7th**. 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

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. 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. For more information regarding **sponsorship support** please contact Antonina Kozmina at akozmina@spe.org, tel. +7-495-284-04-54.

REGISTRATION AND PARTICIPATION

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According to SPE Policy the costs are the same for speakers,
attendees and Programme Committee members

Условия участия	Стоимость без НДС, руб	НДС, руб	Стоимость с НДС, руб
Члены SPE без проживания	37,000.00	6,660.00	43,660.00
Не члены SPE без проживания	40,000.00	7,200.00	47,200.00

Регистрация и участие:

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