

SPE Virtual Symposium: Petrophysics XXI. Core, Well Logging, and Well Testing

Erasing Reality Barriers

9–10 June 2021

Virtual

go.spe.org/cfp-21spp

Call for Papers

Submit Your Paper before 7 March 2021





Dear Colleague,

On behalf of the programme committee, I would like to invite you to the first SPE Virtual Symposium: Petrophysics XXI: Core, Well Logging, and Well Testing. We have been meeting regularly at SPE Workshops on Petrophysics XXI since 2010, and now we have realised that it has evolved into the new format.

Why a symposium? This format gives us flexibility to discuss major issues with key experts during live sessions. A symposium allows speakers to publish technical papers in the largest E&P electronic library, OnePetro®, which is optional if a company would prefer not to share sensitive data.

Designing the symposium agenda, we interpret petrophysics in a wide sense of well logging, mud logging station data, core data from porosity and permeability to effective permeability and geomechanical studies results, and well logging.

During this symposium, we will focus on emerging and pressing topics, including:

- Hard-to-recover reserves
- Data we receive from modern hardware systems both from well and core
- Work automation
- Digital technologies and how they help to produce new findings and conclusions

Taking into account the ever growing proportion of horizontal drilling, we will also discuss what petrophysics can do in that case.

I looking forward to seeing you at the SPE Virtual Symposium: Petrophysics XXI. Core, Well Logging, and Well Testing!

Vladislav Yatsenko,
Rosneft
Programme Committee Chair

Programme Committee

Chair

Vladislav Yatsenko, **Rosneft**

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Vladimir Shklover, **Skolkovo**

Kirill Shumatbaev, **Tatneft**

Disciplines



Multi-disciplinary



HSES



Drilling



Completions



Management



Projects Facilities and Construction



Production and Operations



Reservoir Description and Dynamics



Data Science and Engineering Analytics

Conference Topics

The Symposium Programme Committee invites you to take part in the event and submit an abstract. We invite you to familiarise yourself with the categories below and choose the most interesting for you.

Data Automation Tools

- Automated algorithms for data uploading, normalisation, processing and interpretation, report generation and other procedures for digital information processing.

Modern Methods of Coring, Core Analysis and Mud Logging

- Core analysis of complex and unconventional rocks
- Whole core analysis
- Core flooding and tomographic analysis
- Digital core
- Mud logging results and other researches
- New capabilities of modern equipment

Complex Reservoirs/ Source Rocks/ Hard-to-Recover Reserves

- Thinly bedded layers, low-porous, fractured, cavernous, saline, bituminous rocks and other unconventional reservoirs.

Specifics of Well Logging Interpretation and Processing Techniques, New Capabilities of Modern Equipment

- New methods of rock physical properties acquisition
- Improvements in data quality and accuracy
- Well logs integration
- Data interpretation case studies, etc.

Logging Data Interpretation in Horizontal Wells

- Problem description, petrophysical modelling, the impact of the results on modelling and field development with horizontal wells.

Poroelastic Modelling and Rock-Physics

- Restoration and correction of acoustic and density well logging data
- Assessment of lithology and fluid saturation impact on seismic attributes
- Integrated analysis of seismic and petrophysical data, etc.

Applied Geomechanics

- 1D and 3D geomechanical modelling, method capability, case studies
- Wellbore stability
- Rock properties change due to field development, etc.

Reservoir Management and Well Integrity Methods

- Modern methods of well integrity logging, flow profile, inflow performance, current saturation, hydraulic fractures geometry, etc.

Deadlines

Abstract Submission Deadline: **7 March 2021**

Registration Deadline: **10 May 2021**

General Information

Submission Guidelines

Send your abstract of 350–400 words to Antonina Kozmina at akozmina@spe.org by **7 March 2021**. Your abstract must contain accurate and reliable information on the stated topic, including:

- 1 Objectives and scope
- 2 Methods, procedures, process
- 3 Results, observations, conclusions
- 4 Novelty, accomplishments

Registration

After registration, you will receive a personal link for participation.

Symposium Fees (including VAT)

SPE Members **30 000 RUB**

SPE Nonmembers **34 500 RUB**

SPE supports industry professionals in this challenging time and offers a new registration package:

NEW! Company Delegate Package (including VAT)

5 Delegates 100 000 RUB +VAT

We may also consider bigger delegate packages. Please contact Ulyana Dmitrieva, udmitrieva@spe.org, T: +7 915.221.6494.

Commercialism

In keeping with Workshop objectives and the SPE mission, excessive commercialism in posters or presentations will not be permitted.

Sponsorship Opportunities

For more information about sponsorship packages, please contact Antonina Kozmina at akozmina@spe.org.

Symposium Proceedings

Presentation materials will not be published, PowerPoint presentations will be available for Workshop attendees only.



Contacts

Abstract Submission and Sponsorship

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Submit your paper proposal by **7 March 2021**



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