



Рациональное освоение запасов жидких углеводородов планеты

International Scientific and Practical Conference

«THE DEVELOPMENT OF HYDROCARBON POTENTIAL – GREEN TECHNOLOGIES»

May 21-23, 2024, Ufa (Russia)

THE OBJECTIVE AND SCIENTIFIC FIELD OF THE CONFERENCE

The modern scientific and technological revolution in the development of hydrocarbon resources has led to a paradigm shift in the development of oil and gas fields with an emphasis on the formation of a new concept of values, technological and technical solutions aimed at ensuring global sustainable development of the planet and environmental conservation.

Considering the rapid transition to the development of carbon potential and achievement of carbon neutrality, it becomes relevant to conduct fundamental and applied research in the field of geology, geochemistry and development of oil deposits using modern physical and chemical methods and innovative technologies, to create environmentally friendly, energy efficient and cost-effective technologies for forecasting, exploration, development, preparation, transportation and processing of liquid hydrocarbons of the planet.

The International Scientific and Practical Conference «The development of carbon potential - green technologies» pursues the goal of systematic and comprehensive study of new concepts and developments of green technologies for the development of hydrocarbon resources of the planet, scientific and methodological support for evaluating and effective management of carbon potential in three scientific directions.

The first direction includes studies of oil and gas accumulation basins using the methods of isotopic geology, thermo-geochronology, remote sensing data, assessment of maturity of oil-maternal strata, forecasting of hydrocarbon reserves, assessment of their availability for development, identification of the most promising zones for development through the use of innovative technologies.

The second direction includes studies of hydro-gas-dynamic, geochemical and microbiological processes and state, evolution of reservoir structure during the development of large and giant oil and gas fields at the late stage, creation and realization of a new paradigm of their efficient development.

The third direction includes the development of ecological, energy-efficient and economically viable technologies for oil production, processing, transportation and storage in «old» oil-producing regions and ensuring sustainable development of their reserves of complex structure (low-viscosity, viscous, extra-viscous oil, oil in carbonate reservoirs, oil in dense and oil-maternal pores) on the basis of in-depth study of objects by modern physical and chemical methods with the use of elements of innovative technologies.

Official language of the conference: English / Russian

SCIENTIFIC DIRECTIONS OF THE CONFERENCE:

1. Traditional and alternative technologies of hydrocarbon development.
2. Technologies of utilization, storage and resource saving of carbon gases.
3. Resource-saving technologies of production, gathering, transportation and storage of hydrocarbons.
4. New researches in earth sciences and subsoil use.
5. Oil and gas industry personnel: new trends and challenges.
6. Ecological and socio-humanitarian aspects of decarbonization processes.
7. Engineering and technological, organizational and managerial aspects of integrating the principles of global sustainability and carbon neutrality into the activities of companies.

The best conference papers, **according to the decision of the organizing committee**, will be published in international scientific editions of the **book series indexed in the international abstract citation database SCOPUS**.

ORGANIZERS AND PARTNERS:

- World-class Scientific Center «Rational development of the planet's liquid hydrocarbon reserves», Kazan Federal University,
- Ufa State Petroleum Technological University,
- The Gubkin Russian State University of Oil and Gas,
- Skolkovo Institute of Science and Technology,
- ANO Institute of Scientific Communications/ INK-Group LLC (Volgograd);

CONTROL DATES

- The deadline for submission of the scientific article and application to the Conference e-mail is **April 01, 2024**.
- The Conference will be held on **May 21-23, 2024** at the territory of the Bashkir Exhibition Company and at the territory of the Federal State Budgetary Educational Institution of Higher Education «USPTU» (Ufa).

THE COMPOSITION OF THE CONFERENCE

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Danis K. Nurgaliev, initiator of the World-class Scientific Center «Rational development of the planet's liquid hydrocarbon reserves», Vice-Rector for Oil and Gas Technologies, doctor of Geological and Mineralogical Sciences, Professor;

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Participation in the conference is possible in various forms:

- 1) full-time (on-line) participation with a presentation at the conference with the subsequent publication of conference materials in scientific editions in the form of a scientific article;
- 2) full-time participation with the subsequent publication of conference materials in scientific editions in the form of a scientific article;
- 3) full-time participation as a listener with the opportunity to participate in the discussion of presentations presented at the conference (without a report, without publication of conference materials in scientific publications in the form of a scientific article).

Conditions for participation in the conference:

1. Fill the google-application <https://forms.gle/phPsF8iE8YjVAn827> for participation in the conference and send it to the mail: technology2024@yandex.ru till 01.04.2024.
2. Submit an article in accordance with the requirements of international publishers (requirements are available at <https://iscvlg.ru/faq>. Article template <https://iscvlg.ru/wp-content/uploads/2023/08/шаблон-Spring-er.pdf>).

IMPORTANT: dear authors, please pay attention that the uniqueness of the Russian and English versions of the article should **be at least 85 %**. The number of co-authors in one article – **no more than 5**.

3. Book accommodation (in case of full-time participation) in hotels in Ufa city.

The deadline for submitting an application for participation in the Conference and submitting articles – **until April 01, 2024.**

The applications and the articles must be submitted to the e-mail address technology2024@yandex.ru

For more inquiries, please contact with

If you have any questions regarding the preparation of scientific articles and payment for them, please contact the conference administrator *Elvira A. Khalikova*

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