

MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE  
RUSSIAN FEDERATION  
RUSSIAN ACADEMY OF SCIENCES (RAS)  
SIBERIEN BRANCH, RAS  
SCIENTIFIC COUNCIL FOR PROBLEMS OF MINING SCIENCES, RAS  
NOVOSIBIRSK STATE UNIVERSITY  
TROFIMUK INSTITUTE OF PETROLEUM GEOLOGY  
AND GEOPHYSICS SB RAS

Announce

**The «New challenges in 21<sup>st</sup> century fundamental and applied petroleum geosciences»**

**Russian scientific conference with international participation dedicated to the 150th anniversary of the birth of Ivan M. Gubkin (21.09.1871-21.04.1939), full member of the USSR Academy of Sciences (Academician) and**

**the 110th anniversary of the birth of Andrei A. Trofimuk (16.08.1911 - 24.03.1999) full member of the USSR Academy of Sciences (Academician)**

### **FIRST CIRCULAR LETTER**



**September 14–15, 2021.  
Novosibirsk**

Dear Colleagues!

This year marks the 150th anniversary (September, 21) of the birth of Academician Ivan M. Gubkin, the founder of the Soviet petroleum science and industry.

Ivan M. Gubkin an outstanding scientist, academician, geologist, founder of petroleum geology, initiator and facilitator of the national higher petroleum education, was the first to introduce the concept of petroleum geology as independent science into the Soviet and world literature. He outlined the main directions of its development, and formulated the main subdisciplines within the science of petroleum geology as a prime branch of geosciences and organized a system of research institutions in the USSR. Thus, Gubkin predetermined for many decades the future paths for the creation of the resource base of the oil industry in the USSR, contemporary methods of oil and gas field development and exploration.

August 16, 2021 marks the 110th anniversary of the birth of Andrei A. Trofimuk, academician, a renowned scientist, oilman, an expert in oil and gas fields prospecting, exploration and development.

The exceptional contribution to the theory and practical applications of the geosciences made by Andrei A. Trofimuk include : his participation in the development and introduction of new technologies in both oil exploration and production; the discovery of Devonian oil in the Volga-Ural petroleum province; creation of a unique petroleum resource base in the east of the European part of the USSR; development and implementation of contour and peripheral flooding technologies for more efficient oil recovery from the discovered fields; scientific justification and strategic planning of geological exploration works in Western Siberia with the focus on the Siberian platform; heading the research which allowed the discovery of Upper Proterozoic oil (the oldest on the globe) in the sedimentary cover of the Siberian platform, and confirmation of the presence of gas hydrate deposits. A. A. Trofimuk played an instrumental role in the creation of the oil and gas industry in Siberia, and in justification of major strategically important oil and gas pipelines.

This special event – a jubilee All-Russian conference with the participation of foreign scientists – to commemorate the 150th anniversary of the birth of I. M. Gubkin and the 110th anniversary of the birth of A. A. Trofimuk will be organized by: the Ministry of Science and Higher Education of the Russian Federation; the Russian Academy of Sciences (RAS); the Presidium of the Siberian Branch, RAS; the Department of Earth Sciences, RAS; the Scientific Council for problems of mining sciences, RAS; Novosibirsk State University, and the Trofimuk Institute of Petroleum Geology and Geophysics SB RAS.

You are cordially invited to participate!

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### **Information and technical support:**

A.S. Kuznetsov, Head of IT Department, IPGG SB RAS;  
D.A. Dochkin, assistant manager, IT Department, IPGG SB RAS

**The purpose of the conference is to discuss geological and geophysical problems in oil and gas exploration and development**

- General and regional geology of oil and gas-bearing sedimentary basins: tectonics, sedimentology, lithology, petrology and petrography, paleogeography, geochemistry; global and regional stratigraphy and paleontology, isotopic-geochemical methods and biogeochronology in the geology of sedimentary oil and gas basins;
- The theory of oil generation (naphthide genesis), organic geochemistry, geochemical methods in petroleum prospecting and exploration; hydrogeology, hydrogeochemistry of oil and gas basins; modeling in petroleum geology (a computer model of a petroleum reservoir and basin modeling), estimation of reserves and identification of hydrocarbon field placement patterns;
- Regional geophysics and geophysical methods in petroleum prospecting and exploration; well logging; the theory, techniques, mathematical support and software, information and measuring systems.
- Hydrocarbon prospecting and exploration; oilfield geology; infrastructure development; enhanced oil recovery (EOR) methods;
- Economics of the oil and gas sector and environmental issues of petroleum industry, strategic development of the fuel and energy complex, hydrocarbon treatment and processing, and transportation.

The Organizing Committee will accept applications for oral presentations in both offline and online format, as well as for poster presentations that will be placed in the conference hall and/or posted on the Conference website.

The preliminary program will be prepared upon acceptance of the registration forms from the conference participants. Duration of oral presentations is planned to be 15 - 20 minutes including time for questions.

Special time will be scheduled for poster introduction and discussions.

The collection of accepted presentations will be published in the conference proceedings. Guidelines for preparation of oral and poster presentations will be available in the second circular letter.

Please, email your application (Registration Form) are accepted until April 1, 2021 to: [gubkin-trofimuk2021@ipgg.sbras.ru](mailto:gubkin-trofimuk2021@ipgg.sbras.ru)

## Crucial dates:

**Before March 10, 2021** - issue of First Circular Letter and Participant Registration Form

**April 1, 2021** –deadline for application forms submission for the conference

**March 2021** – issue of Second Circular Letter

**May 20, 2021** – deadline for submission of abstracts and presentations to be included in the Conference Proceedings

**June 2021** - issue of Third Circular Letter and Conference Program

**September 14–15, 2021** – Conference

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## REGISTRATION FORM

- ✓ Name, surname: ...
- ✓ Contributors (please, underline the name of the person who will be presenting)  
: Name, surname ....
- ✓ Title of the presentation (can be putative): ...
- ✓ Presentation: oral / poster (please, underline)
- ✓ Affiliation (company/ institution name; position): ...
- ✓ Academic credentials: ...
- ✓ Cell phone number: ...
- ✓ E-mail:
  - ✓ Form of participation (please, delete / cross out as appropriate):  
Oral presentation, will be delivered  
Participation, no presentation to be published  
Listener participation,  
Participation with poster presentation

Online registration for the conference participants is open at the website <http://gubkin-trofimuk2021.ipgg.sbras.ru/>

If you have any problems with your online registration, please, fill in the Registration Form for conference participants and send the scan copy to the Organizing Committee before April 1, 2021, with an indication “registration form”+ name in the subject line (e.g.: *Registration form, John Davis*)