

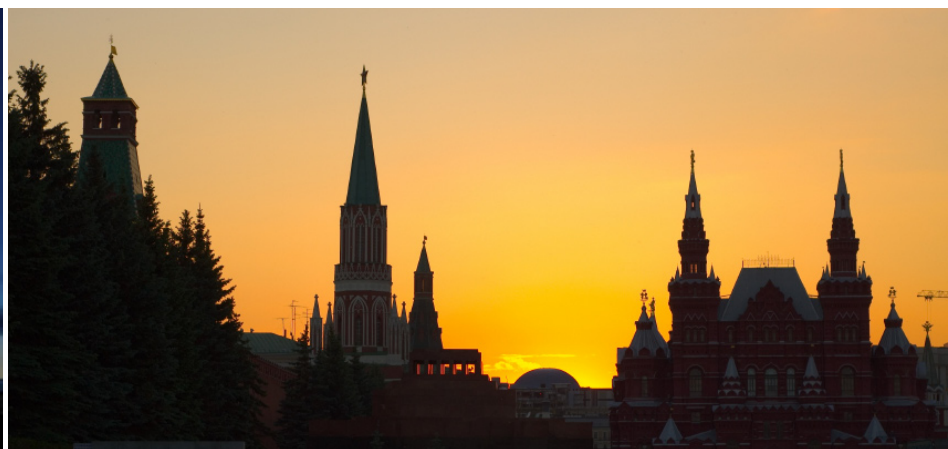
3P ARCTIC

THE POLAR PETROLEUM POTENTIAL
CONFERENCE & EXHIBITION

Pre-register by
1 September and save!



Hosted by **RosGeo**
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The Geosciences Event for the Arctic

30 September – 2 October 2009 | Moscow
Gubkin Russian State University of Oil and Gas



3P ARCTIC
The Polar Petroleum Potential
Conference & Exhibition

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3P ARCTIC

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Letter from the General Co-Chairs

On behalf of RosGeo and the American Association of Petroleum Geologists, we cordially invite you to attend 3P Arctic: The Polar Petroleum Potential Conference & Exhibition in Moscow.

3P is the first conference and exhibition specifically focused on the exploration and geology of circum-Arctic basins that are within the Russian, Norwegian, Greenlandic (Danish), Canadian and Alaskan onshore and offshore basins. As more companies prepare to take on the economic and technological challenges this glacial region presents, staying up-to-date with the latest information becomes essential. In addition to a technical program featuring more than 150 oral and poster presentations, there will be an exhibition dedicated to companies working the Arctic.

3P will be held at Gubkin Russian State University of Oil and Gas, located in southwest Moscow, from 30th September – 2nd October. The University is Russia's principal higher educational institute of petroleum engineering and has been in existence for over 70 years.

Join leading Arctic research scientists and explorationists for this unique inaugural event. Register today!

John R. Hogg
3P General Co-Chair

Konstantin A. Kleshchev
3P General Co-Chair



3P ARCTIC
The Polar Petroleum Potential
Conference & Exhibition

3P ORGANIZING COMMITTEE

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With the support of
The Council of the Federation Committee on Natural Resources
& Environmental Protection, Russia

Register today! www.3pArctic.com

Conference at a Glance

	29 September	30 September	1 October	2 October
Registration	12:00–20:00	08:00–18:00	08:00–17:00	08:00–14:00
Exhibition		10:00–18:40	10:00–17:00	10:00–14:30
Opening Ceremony and Plenary Session		09:00–12:40		
Morning Session I			08:40	08:40
Coffee Break		10:10	10:00	10:00
Morning Session II			10:40	10:40
Lunch Break		12:40	12:20	12:20
Afternoon Session I		14:00	14:00	14:00
Coffee Break		15:20	15:20	15:20*
Afternoon Session II		16:00–17:40	16:00–17:40	15:30–17:10
Posters		10:00–18:40	10:00–17:00	
Icebreaker		17:40–18:40		

**Break to change rooms. No coffee available.*

Icebreaker Wednesday, 30 September: 17:40–18:40

Experience the Icebreaker with a new twist... join everyone in the Exhibition Hall to toast the end of the day using the official conference shot glass filled with your choice of a variety of vodkas provided by sponsors and exhibitors. Other beverages as well as snacks will be served as you make your way around the Hall viewing exhibitors' technology, data, new products, and publications, expanding your network, discussing posters with the presenters, and visiting with colleagues. End the first day of the conference with a list of exhibitors and posters to see on Thursday and Friday (see the Technical Program for the poster schedule). Keep your shot glass — you're sure to use it again and again in Moscow!

Boxed Lunches: Wednesday: 12:40 | Thursday & Friday: 12:20

After listening, reading and thinking most of the morning, take a well-deserved break and join exhibitors and poster presenters in the Exhibition Hall for a complimentary lunch each day. We will serve your lunch conveniently boxed so that you can make your way from exhibit to exhibit and poster to poster without having to balance a plate of food mid-air. Even more convenient, you don't have to leave the conference center and you will have at least an hour and a half to really enjoy your lunch as well as carry on discussions with poster presenters and catch up with exhibitors.

Technical Program

* Denotes presenter other than first author

WEDNESDAY MORNING

Plenary Session and Opening Ceremony

Nansen Room

Conveners: John Hogg and Konstantin Kleshchev

- 09:00 **Welcome Notes: Prof. V.G. Martynov, Rector,** Gubkin State University of Oil and Gas,
Prof. V.P. Orlov, President of RosGeo and Chairman of Federation Committee Council on Natural Resources and Environmental Protection,
Ms. Gretchen M. Gillis, American Association of Petroleum Geologists, Editor and Senior Editor, Schlumberger Oilfield Services
- 09:40 **D. L. Gautier:** Results of the U.S. Geological Survey Circum-Arctic Resource Appraisal (CARA)
- 10:10 **Coffee Break**
- 10:40 **S. S. Drachev, K. A. Kleshchev, N. A. Malyshev, A. M. Nikishin:** Geodynamic Origin, Structure and Petroleum Systems of the Russian Arctic Sedimentary Basins
- 11:10 **D. Lawrence:** Exploration and Development of the Arctic Offshore — Opening up the Ultimate Frontier
- 11:40 **A. B. Zolotukhin:** Petroleum Resources of the Russian Arctic: Challenges and Future Opportunities
- 12:10 **S. Matthews:** Regional Geological Context of Arctic Frontier Basins

WEDNESDAY AFTERNOON ORAL SESSIONS

Arctic and Circum-Arctic Petroleum Systems, Plays and Assessments I

Nansen Room

Conveners: Anthony Spencer and Donald Gautier

- 14:00 **V. S. Shein:** Geodynamic Evolution and Prospects of Oil-Gas Potential of Arctic Seas
- 14:20 **R. J. Ferderer, M. Sullivan, S. Creaney:** A Genetic Framework for Hydrocarbon Occurrence in the Arctic
- 14:40 **V. D. Kaminsky:** Petroleum Potential of the Russian Arctic Shelf
- 15:00 **R. R. Charpentier:** Uncertainty in USGS Estimates of Undiscovered Arctic Petroleum Resources
- 15:20 **Coffee Break**
- 16:00 **A. Murray, A. Latham:** Comparative Attractiveness of Arctic Basins
- 16:20 **A. E. Kontorovich, L. M. Burshtein*, V. D. Kaminsky, V. A. Kashirtsev, O. M. Prishchepa, A. F. Safronov, V. S. Starosel'tsev, A. Stoupakova, O. L. Suprunenko, M. I. Epov:** Oil and Gas Resources in Eurasian Offshore Sector of the Arctic Ocean

- 16:40 **J. P. Harris, R. Crossley, N. J. Stronach, M. J. Goodrich, P. Valdes, R. Proctor:** Cretaceous Palaeogeography and Palaeo-Earth Systems Model Results for the Arctic: Climate Proxies and Model/Data Comparisons
- 17:00 **A. P. Pronkin, V. I. Savchenko*, A. Stoupakova:** Transitional Zones of the Russian Arctic Seas and Their Oil and Gas Potential
- 17:20 **S. Rath:** Polar Petroleum Potential: Regional Effect of Ice Cap in Optimizing Petroleum Potential in Polar/Arctic Region

Eastern Barents Sea

Toll' Room

Conveners: Nikolay Malyshev and Erik Hendriksen

- 14:00 **L. Mareello, J. Ebbing, L. Gernigon:** Insights into the Origin of the East Barents Sea Mega Basin from 3-D Geophysical Modeling
- 14:20 **M. He, J. M. Moldowan, A. Nemchenko-Rovenskaya, F. Picha:** Understanding a Remote Energy Frontier: Petroleum Systems of the Northern Pechora and Barents Sea Basins, Russia
- 14:40 **V. Verzhbitsky, K. J. Taylor:** The Geological Structure and Hydrocarbon Potential of East Barents Sea Region: An Overview and Comparison to the Norwegian Barents
- 15:00 **O. M. Prishchepa, V. A. Zhitnikov:** Directions of Oil-and-Gas Exploration in Northern Timan-Pechora Province (Pechora Sea) Based on New Assessment of Oil-and-Gas Accumulation Zones
- 15:20 **Coffee Break**
- 16:00 **P. Sobolev, B. Cramer, N. Sobolev, V. Vasiliev, E. Petrov:** Evaluation of the Late Cretaceous-Cenozoic Uplift and Petroleum System Modeling of the Russian Barents Sea Basin
- 16:20 **B. V. Senin, M. I. Leontchik:** Seismic-Geological Preconditions of Oil Presence in Paleozoic and Mesozoic Deposits of the East Barents Sea
- 16:40 **S. Pavlov, V. Shlykova, B. Grigorieva, :** Oil and Gas Prospects of Paleozoic Deposits of the Eastern Flank of the North Barents Depression
- 17:00 **C. J. Schenk:** Assessment of Undiscovered Oil and Gas Resources of the West Siberian Basin and Timan-Pechora Basin Provinces, Russian Federation
- 17:20 **O. M. Prishchepa, Yu N. Grigorenko, V. I. Bogatskii:** Petroleum Geology of Junction Zone between Timan-Pechora and Barents Sea Petroleum Provinces in Light of Recent Seismic-Geological Data

Baffin Bay-West Greenland

Peary Room

Conveners: Gordon Oakey and Flemming Christensen

- 14:00 **G. N. Oakey, T. Brent, C. Harrison, H. Wielens, C. Jauer:** Geology and Evolution of Baffin Bay: Petroleum Potential of the Eastern Canadian Arctic Margin

Technical Program

* Denotes presenter other than first author

- 14:20 **J. R. Hopper, U. Gregersen, P. Knutz:** Tectonics and Structural Development of the Baffin Bay Region, West Greenland
- 14:40 **U. Gregersen, J. R. Hopper, P. Knutz:** Cretaceous–Palaeogene Basin Development and Prospectivity in the NE Baffin Bay, West Greenland
- 15:00 **P. Knutz, U. Gregersen, J. R. Hopper:** Cenozoic Seismic-Stratigraphy, Depositional Systems and Fluid-Flow Features in NE Baffin Bay, West Greenland
- 15:20 **Coffee Break**
- 16:00 **C. J. Schenk:** Assessment of Undiscovered Oil and Gas Resources of the West Greenland-East Canada Province
- 16:20 **T. Funck, K. Gohl, V. Damm, A. Ehrhardt, B. Schreckenberger, I. Heyde, J. Gerlings:** The Crustal Structure in Baffin Bay and Davis Strait
- 16:40 **J. C. Olsen, S. Planke, R. Myklebust:** Structural Elements and Hydrocarbon Systems in the Baffin Bay, Davies Strait and Labrador Sea
- 17:00 **P. Fagan, B. Andre, P. Laracy:** Structure and Stratigraphy of the Hopedale Basin Offshore Labrador, Eastern Canada

THURSDAY MORNING ORAL SESSIONS

Western Barents Sea I

Nansen Room

Conveners: Geir Richardsen and Jan Inge Faleide

- 08:40 **T. J. Pearce, J. H. Martin:** Chemostratigraphy: A New Approach for the Subregional Correlation of Triassic / Jurassic Sequences of the Barents Sea.
- 09:00 **M. Bjorøy, P. B. Hall, I. L. Ferriday, A. Mørk:** Triassic Source Rocks of the Barents Sea and Svalbard
- 09:20 **E. Glorstad-Clark, J. Faleide, T. Høy, B. A. Lundschieen:** Triassic Seismic Sequence Stratigraphy and Paleogeography of the Norwegian Barents Sea
- 09:40 **J. Knies, J. Laberg, E. Larsen, K. Andreassen:** The Barents Sea Glaciation History and Its Influence on Petroleum Systems
- 10:00 **Coffee Break**
- 10:40 **K. Sollid, E. Henriksen, G. B. Larssen, K. Rønning, A. Ryseth, T. Heide:** Play Models in the Southwestern Barents Sea
- 11:00 **E. Novoa, T. Svånå:** The Loppa High: Compression or Extension Feature During the Permian and Triassic?
- 11:20 **R. Martin, B. Fotland, I. Laursen, A. Ryseth, K. Simonsen:** Jurassic, Realgrunnen Sub-Group Prospectivity on the Bjarmeland Platform — Results of Wells 7226/2-1 and 7224/6-1

Siberian Arctic: Laptev, East Siberian and Russian Chukchi Seas I

Toll' Room

Conveners: Sergey Drachev, Kjell Trommestad and Christian Reichert

- 08:40 **V. E. Khain, I. E. Polyakova, N. F. Filatova:** Problems of Tectonics and Petroleum Potential of the East Arctic Province
- 09:00 **V. Verzhbitsky, A. K. Khudoley, D. Zastrozhnov, A. Li, D. Zdobin, M. I. Tuchkova, M. Rogov, E. Frantzen:** Geological Structure of South-Western Laptev Sea Region
- 09:20 **N. Petrovskaya:** Some Features of Geological Structure of the Sedimentary Basins in the East Siberian Sea and Western Chukchi Sea.
- 09:40 **E. V. Gretskaya, I. Rybak-Franko, A. V. Savitsky:** Petroleum Systems of Sedimentary Basins in the Chukchi Sea
- 10:00 **Coffee Break**
- 10:40 **A. M. Nikishin, A. Savitsky, A. Grevtsev:** Tectonic Structure and Geological History of Russian Chukchi Sea and East Siberian Sea Shelf
- 11:00 **M. I. Tuchkova, S. D. Sokolov, V. Verzhbitsky:** Sedimentary Evolution of Paleozoic and Triassic Sequences of Wrangel Island
- 11:20 **S. Mazur, S. Campbell, R. Bouatmani, D. Eue, J. Whittaker, P. Markwick:** Evolution of the Laptev Continental Rifts as Revealed by 2-D Gravity Modeling, Plate Reconstructions and Palaeogeographic Mapping
- 11:40 **N. A. Malyshev, V. V. Obmetko, A. A. Borodulin, E. M. Barinova, B. I. Ikhsanov:** South Chukchi Sedimentary Basin's Structure Features
- 12:00 **S. V. Frolov, G. G. Akhmanov, N. P. Fadeeva, E. A. Bakay:** Petroleum Systems of the Northern Siberian Platform

Tectonic Evolution of the Arctic: Late Proterozoic-Paleozoic

Peary Room

Conveners: James Clough and Trond Torsvik

- 08:40 **T. E. Moore, K. J. Bird:** Is the North Slope a Displaced Part of the Caledonian Orogenic Belt?
- 09:00 **M. Colpron, J. L. Nelson:** A Paleozoic Northwest Passage and the Timanian, Caledonian and Uralian Connections of Some Cordilleran Exotic Terranes
- 09:20 **J. van Wees, D. Bonté, R. Stephenson:** Tectonic Heat Flow During the Pangaeian Permo-Carboniferous Orogenic Collapse: Implications for the Arctic
- 09:40 **M. A. Sullivan, N. W. McAllister, G. M. Thomas, R. J. Ferderer, S. Creaney:** A Unifying Tectonic Model for Early Mesozoic Development of the South Kara and Russian Barents Basins
- 10:00 **Coffee Break**
- 10:40 **J. Clough, R. B. Blodgett:** Megafossil Evidence for Siberian and Uralian Connections of the Arctic Alaska-Chukotka, Farewell and Alexander Terranes: Implications for the Early Evolutionary History of the Amerasian Basin

Technical Program

- 11:00 **A. K. Khudoley, V. F. Proskurnin, S. A. Sergeev:** U-Pb and Sm-Nd Isotopic Study of the Upper Riphean to Paleozoic Sandstones from the Taimyr Fold-and-Thrust Belt: Implication for Late Paleozoic and Mesozoic Tectonic Evolution
- 11:20 **R. Scott, J. Howard, L. Guo, R. Schekoldin, V. Pease:** Offset and Curvature of the Novaya Zemlya Fold-and-Thrust Belt, Arctic Russia
- 11:40 **E. V. Artyushkov:** The Formation of the North Chukchi and East Barents Super-Deep Basins from the Gabbro to Eclogite Transformation in the Lower Continental Crust
- 12:00 **I. Vinokurov, A. Kalenich, Y. Roslov, A. Egorov:** Tectonic Evolution of Barents Kara Region

THURSDAY AFTERNOON ORAL SESSIONS

Western Barents Sea II

Nansen Room

Conveners: **Geir Richardsen and Jan Inge Faleide**

- 14:00 **K. Hokstad, E. Myrlund, B. Fotland:** Salt Imaging in the Nordkapp Basin with Electromagnetic Data
- 14:20 **K. A. Leever, R. H. Gabrielsen, J. Faleide, D. Sokoutis, E. Willingshofer:** The Kinematic Evolution of the West Spitsbergen Fold-and-Thrust Belt: Insights from Analogue Modeling
- 14:40 **R. H. Gabrielsen, J. Faleide, I. Grunnaleite, K. A. Leever:** Nature and Timing of Tectonic Contraction and Inversion in the Western Barents Sea
- 15:00 **B. Rafaelsen, L. Stemmerik, S. Agerlin Peteresen, K. Andreassen:** 3-D Seismic Facies Mapping and Well Data in 2-D Seismic Forward Modeling of Late Paleozoic Carbonate Deposits, Finnmark Platform, Southwestern Barents Sea
- 15:20 **Coffee Break**
- 16:00 **A. N. Read, C. V. Watson, K. J. Taylor:** An Integrated Approach to Hydrocarbon Prospectivity in the South Western Barents Sea
- 16:20 **S. A. Clark, J. Faleide, O. Ritzmann, E. Glorstad-Clark, R. Mjelde, W. Fjeldskaar:** Rift Basin Evolution of the SW Barents Sea
- 16:40 **T. R. Klett, D. Gautier, J. Pitman:** Assessment of Undiscovered Petroleum Resources of the Barents Sea Shelf

Siberian Arctic: Laptev, East Siberian and Russian Chukchi Seas II

Toll' Room

Conveners: **Sergey Drachev, Kjell Trommestad and Christian Reichert**

- 14:00 **N. A. Malyshev, V. V. Obmetko, A. A. Borodulin, E. M. Barinova, B. I. Ikhsanov:** Structure and Evolution of Sedimentary Cover Laptev Sea Concerned with Oil and Gas Content

- 14:20 **S. V. Ershov, E. V. Borisov, L. M. Burshtein, L. S. Grekova, A. A. Kontorovich, A. A. Kontorovich, E. V. Ponomareva:** Geology, Hydrocarbon Resources and Exploration Potential in the Yenisei- Khatanga Petroleum Basin
- 14:40 **V. Verzhbitsky, S. D. Sokolov, E. Frantzen, M. I. Tuchkova, A. Little, G. Bannikov:** Sedimentary Basins of East Siberian and Chukchi Sea Shelf: The Structure and Hydrocarbon Potential
- 15:00 **M. Antipov, G. Bondarenko*, E. Shipilov:** Deformational History of the Chukchi Sea Area (Synthesis from Onshore and Offshore Data)
- 15:20 **Coffee Break**
- 16:00 **B. Cramer, N. Sobolev, C. Ostertag-Henning, K. Piepjohn, A. Shmanjak, E. Petrov:** Petroleum System of the Khatanga-Anabar Region
- 16:20 **S. D. Sokolov, M. I. Tuchkova, V. E. Verzhbitsky, G. V. Ledneva, M. V. Luchitskaya, S. M. Katkov:** Main Stages of the Tectonic Evolution of the Chukotka Peninsula and Adjacent Shelf
- 16:40 **M. Antipov, G. Bondarenko, E. Shipilov*:** Anadyr Basin: Geological Structure, Tectonic Evolution and Oil-and-Gas Potential
- 17:00 **E. I. Grokhotov:** Structural Geology of Laptev Shelf — A New Look and Perspectives

Tectonic Evolution of the Arctic: Mesozoic-Cenozoic

Peary Room

Conveners: **Arthur Grantz and Vladimir Glebovskiy**

- 14:00 **D. B. Stone, K. Brumley, B. Coakley:** Origins of the Amerasian Basin: A New Model
- 14:20 **E. L. Miller:** Detrital Zircon Geochronology and Plate Tectonic Reconstruction of the Arctic
- 14:40 **S. Planke, J. Faleide, H. Svensen, R. Myklebust:** Arctic Magmatism: Distribution, Age and Implications for Basin Development and Petroleum Systems in the Barents Sea
- 15:00 **A. Minakov, J. Faleide, V. Glebovskiy, R. Mjelde, Y. Podladchikov:** Crustal Architecture of the Northern Barents-Kara Sea Continental Margin
- 15:20 **Coffee Break**
- 16:00 **T. Dahl-Jensen, H. Jackson, LORITA Working Group — D. Chian, J. Shimeld, T. Funck, C. Marcussen, I. Asudeh, D. Snyder:** Sedimentary and Crustal Structure from the Ellesmere Island and Greenland Continental Shelf onto the Lomonosov Ridge, Arctic Ocean
- 16:20 **V. Glebovsky, V. Kaminsky, A. Minakov, A. Chernyh:** Cenozoic Evolution of the Eurasia Basin Based on Analysis of Potential Field and Bathymetry Data
- 16:40 **T. E. Moore, A. Grantz:** Character of the Amerasia Basin Margin of the Lomonosov Ridge Microcontinent

Technical Program

* Denotes presenter other than first author

- 17:00 **B. Nikitenko, M. Mickey, B. Shurygin:** Early and Middle Jurassic Detailed Palaeobiogeographic Reconstructions of the Arctic Regions
- 17:20 **A. Kuzmichev:** South Anyui Suture on the New Siberian Islands: Implications for Two-Pole Model of the Amerasia Basin Rotational Opening

FRIDAY MORNING ORAL SESSIONS

Northern West Siberia — South Kara Sea Nansen Room

Conveners: Antonina Stoupakova and Anatoly Brekhuntsov

- 08:40 **A. E. Kontorovich, L. M. Burshtein*, S. A. Guskov, S. V. Ershov, G. G. Shemin, E. Fjellanger, S. A. Barboza, M. J. Hardy:** Geology and History of Petroleum Formation in Northern West Siberian Basin
- 09:00 **G. Blackbourn, M. Thomson:** Geological Development and Hydrocarbon Potential of the Yenisei-Khatanga Trough, Russian Arctic
- 09:20 **A. E. Kontorovich, L. S. Borisova, L. M. Burshtein, V. P. Danilova, E. A. Kostyreva, A. N. Fomin*, E. A. Fursenko:** Mesozoic Petroleum Systems in the North of West and Central Siberia
- 09:40 **P. A. Harrington, V. Ponomarev, A. Abalmasova:** Defining Phase Specific Hydrocarbon Subsurface Reservoirs in the West Siberian Basin Using Amplified Geochemical Imaging™
- 10:00 **Coffee Break**
- 10:40 **N. Ivanova, I. Belyaev, Y. Kolesnikova:** Features of Deep Structure of the North West-Siberian Plate in Connection with Riftogenic Processes
- 11:00 **G. Ulyanov, T. A. Kirjukhina, A. Stoupakova, A. Kunitsina:** Petroleum Systems of the Western Yamal Shelf
- 11:20 **G. N. Gogonenkov:** Strike-Slip Dislocations in the North of West Siberian Basin
- 11:40 **V. I. Savchenko, E. Henriksen, T. A. Kirjukhina, M. Ogarkova, I. Panarin, I. Kurasov:** Extensional Basins in the Northern West Siberia and Kara Sea.
- 12:00 **M. Bjorøy, I. L. Ferriday, P. B. Hall, A. Nemchenko-Rovenskaya:** Yamal-Gydan Source Rocks and Oils

Arctic Alaska/US Chukchi Sea/Beaufort Sea/ Canadian Arctic I

Toll' Room

Conveners: David Houseknecht and Menno Dinkelman

- 08:40 **N. Kumar, J. Granath, P. Emmet, M. G. Dinkelman*:** Stratigraphic and Tectonic Framework of the U.S. Chukchi Shelf: Exploration Insights from a New Regional Deep-Seismic Survey

- 09:00 **C. T. Wilhelm, J. Shepard, J. Harrell, R. Scheidemann, A. Bray, T. Homza:** Tapping the Exploration Potential of Offshore Arctic Alaska
- 09:20 **C. Eiserbeck, K. Grice, R. K. Nelson, J. Curiale:** An Integrated Molecular and Isotope Approach for Estimating the Age of Crude Oils and Source-Rocks from the Beaufort-Mackenzie Basin and North Slope
- 09:40 **D. Houseknecht, K. J. Bird:** Geology and Petroleum Potential of the Rifted Margins of Arctic Alaska and the Chukchi Borderland
- 10:00 **Coffee Break**
- 10:40 **Y. Wang, J. M. Moldowan, K. J. Bird, L. B. Magoon, K. E. Peters:** Oil Cracking, Mixing and Geochemical Correlation of North Slope, Alaska, Oil Deposits
- 11:00 **M. B. Redden, A. Davies, J. Etienne, M. Simmons, P. Sharland:** Sequence Stratigraphic Analysis of the Alaska North Slope: An Integrated Approach in Defining Petroleum Prospectivity
- 11:20 **G. Benevelli, N. Luise, D. Prusak*:** Shallow Marine Brookian Play, North Slope, Alaska — Example from Nikaitchuq Field
- 11:40 **A. Huckabay, C. Hanks, V. Bangia, P. McCarthy, J. Mongrain, A. Dandekar, S. Patil:** The Petroleum Geology of Umiat Oil Field, North Slope, Alaska

North Atlantic Conjugate Margins

Peary Room

Conveners: Snorre Olaussen and Andy Whitham

- 08:40 **K. Einarsson, T. S. Arnarson:** Dreki Area — Jan Mayen Ridge. First Licensing Round on the Icelandic Continental Shelf.
- 09:00 **F. Tsikalas, J. Faleide, O. A. Blaich, A. J. Breivik, R. Mjelde, O. Eldholm:** Late Mesozoic-Cenozoic Evolution of the Conjugate Lofoten-Vesterålen (Nordland VI-VII) and NE Greenland Continental Margins: Implications for the Potentially Developed Petroleum System
- 09:20 **A. Davies, J. Etienne, M. Redden, M. Simmons:** A Global Sequence Stratigraphic Framework Applied to the East Greenland Margin with Implications for Petroleum Prospectivity
- 09:40 **M. G. Trulsvik, S. Planke, R. Myklebust:** Structure and Development of the Conjugate Mid-Norway — NE Greenland Margins
- 10:00 **Coffee Break**
- 10:40 **L. Eikum, E. M. Jarsve*:** Regional Mapping of Sand Probability in Submarine Fans Offshore Mid Norway
- 11:00 **M. Viaggi, N. Contavalli, R. Longoni:** Jameson Land (East Greenland Onshore): Interpretation of Devonian and Carboniferous Subsurface Sediments Using New Reprocessing Seismic Data and Gravimetric-Magnetic Studies

- 11:20 **E. H. Hartz, S. Medvedev, A. Souche, B. Martinsen, Y. Y. Podladchikov, N. Hovius, D. W. Schmid, J. Faleide:** Erosional Uplift of Greenland's Marginal Mountains: Implications for Offshore Geology
- 11:40 **T. Nielsen, W. Jokat:** Petroleum Potential in Southern Fram Strait?
- 12:00 **P. Alsen:** Accurate Jurassic — Cretaceous Ammonite Age Assessment in the North-East Greenland Frontier Exploration Area

FRIDAY AFTERNOON ORAL SESSIONS

Arctic and Circum-Arctic Petroleum Systems, Plays and Assessments II Nansen Room

Conveners: Robert Scott, Michael Sullivan

- 14:00 **T. E. Moore, J. Pitman:** Petroleum Assessment of the Eurasia Basin, Arctic Ocean
- 14:20 **R. White, M. Verma, D. Gautier:** Circum-Arctic Resource Appraisal: Results 3/11/09
- 14:40 **J. H. Schuenemeyer:** Issues Concerning the Aggregation of Estimates of Undiscovered Oil and Gas Resource Accumulation Units in the Circum-Arctic
- 15:00 **N. Lebedeva-Ivanova:** Mendeleev Ridge Ambiguities and the Need for Drilling
- 15:20 **Break**
- 15:30 **K. E. Peters, L. Ramos, J. E. Zumberge:** Circum-Arctic Petroleum Systems Defined Using Biomarkers, Isotopes, and Chemometrics
- 15:50 **B. Badics:** Upper Jurassic Petroleum Systems of the Arctic Investigated by Earth System Models
- 16:10 **T. E. Moore, J. Pitman, A. Grantz:** Geology and Petroleum Potential of the Lomonosov Ridge Microcontinent
- 16:30 **F. Sangiorgi, A. Sluijs, S. Schouten, T. Donders*, J. Barke, E. Speelman, G. Reichart, J. Sinninghe Damste, H. Brinkhuis:** Drilling the Central Arctic: From a Palaeogene 'Pond' to a Neogene Ocean

Arctic Alaska/US Chukchi Sea/Beaufort Sea/ Canadian Arctic II

Toll' Room

Conveners: Ashton Embry and Keith Dewing

- 14:00 **D. Houseknecht, K. J. Bird, K. W. Sherwood:** Geology and Petroleum Potential of the Arctic Alaska Petroleum Province
- 14:20 **K. Dewing:** New Exploration Opportunities in the Sverdrup Basin
- 14:40 **A. Embry:** Petroleum Prospectivity of the Triassic-Jurassic Succession of Sverdrup Basin, Canadian Arctic Archipelago

- 15:00 **N. Kumar, J. Helwig, P. Emmet, M. G. Dinkelman*:** Petroleum Potential of Banks Island Segment, Canadian Arctic Passive Margin: Results from a New Regional Deep-Seismic Survey
- 15:20 **Break**
- 15:30 **H. R. Smyth, S. R. Kelly, A. Morton, S. Rippington, R. Scott, J. E. Omma, B. Braham, J. E. Marshall, V. Pease, A. Carter:** Evolution of the Eastern Sverdrup Basin: Insights from New Field Studies and Sediment Provenance Analyses
- 15:50 **A. Embry:** Lower Upper Triassic (Carnian) Stratigraphy and Depositional History, Sverdrup Basin, Canadian Arctic Islands
- 16:10 **J. Snow, G. Benevelli, N. Luise, D. Prusak*:** Geodynamic Subsidence Analysis as a Play Assessment Tool in the Alaskan Chukchi Sea
- 16:30 **B. Wygrala, K. Peters, O. Schenk:** Petroleum Resource Assessments in the Arctic — The Benefits of Proven Methodologies from the North Slope of Alaska

Arctic Environmental and Exploration Challenges Peary Room

Conveners: Mikhail Ivanov and Michel Sacleux

- 14:00 **P. M. Fontana, P. Zickerman:** Holistic Approach to Reduction in the Environmental Footprint of Arctic Offshore Seismic Surveys.
- 14:20 **E. Fosli:** Strategic Advancement by Usage Metering System; Saving Dollars While Increasing Productivity
- 14:40 **T. LaPierre:** Obtaining Approval to Conduct Marine Seismic Exploration Offshore Nunavut (Canadian Eastern Arctic)
- 15:00 **B. M. Valyaev, E. V. Perlova:** Gas Hydrates in Subarctic Region of Russia: Origin and Resources
- 15:20 **Break**
- 15:30 **A. Dementjev, S. Pharez:** Maximizing the Value of Arctic Exploration
- 15:50 **M. Tavakkoli, S. Khajooee, R. Malakooti, M. Beidokhti:** Deterministic Versus Stochastic Discrete Fracture Network (DFN) Modeling, Application in a Heterogeneous Tight Gas Reservoir
- 16:10 **J. Mongrain, A. Dandekar, V. Bangia, C. Hanks, A. Huckabay, P. McCarthy, S. Patil:** Production Methods for a Light Oil in a Cold Reservoir Below Freezing Temperature: Umiat Field, National Petroleum Reserve, Alaska
- 16:30 **P. S. Babayants, R.S. Kontarovich, V.E. Mogilevskiy:** Contemporary Airborne Geophysical Methods for Hydrocarbon Exploration
- 16:50 **C. M. Vogt, J. Knies, J. Matthiessen, H. Brumsack:** Climate Cycles and Events in the Cenozoic of the Yermak Plateau, Arctic Ocean: X-ray Fluorescence Scanner Data of ODP Sites 910 and 911 as a Stratigraphic Tool

* Denotes presenter other than first author

WEDNESDAY POSTER SESSION

Regional and Pan Arctic Poster Session I Exhibition Hall

Presenters in Booths (10:00–11:30 and 16:00–17:00)

- **J. Pitman, T. Klett, D. Gautier:** Petroleum Generation on the South Barents Shelf: Results from a 2-D Petroleum System Model
- **T. R. Klett, J. Pitman:** Assessment of Undiscovered Petroleum Resources of the Yenisey-Khatanga Basin
- **A. Suslova, A. Stoupakova, T. A. Kirjukhina, U. K. Burlin, N. Kirjukhina, M. Ogarkova:** Jurassic Reservoirs of the Barents Sea — Environments of Sedimentation.
- **S. Rippington, R. Scott:** Ellesmerian Tectonism: A Critical Appraisal from a Circum-Arctic Perspective
- **E. L. Miller, A. Soloviev:** Exploration of a Frontier Region: Statistical Comparison of Detrital Zircon Suites from the Russian Arctic
- **D. Norina, T. A. Kirjukhina, A. Stoupakova, N. Kirjukhina, M. Ogarkova:** Triassic of the Barents Sea Shelf
- **E. Glorstad-Clark, E. Birkeland, J. Nystuen:** Platform-Margin Deltas in the Early-Middle Triassic in the Norwegian Barents Sea
- **D. Arbouille, K. Chew, B. Killin:** Petroleum Systems and Hydrocarbon Resources of the Arctic Basins
- **O. K. Bogolepova, A. P. Gubanov, R. Scott, S. Rippington:** Evidence of the Late Devonian to Early Carboniferous Ellesmerian Deformation in the Russian Arctic
- **O. K. Bogolepova, A. P. Gubanov:** The Paleozoic Rocks of the Severnaya Zemlya Archipelago and Their Hydrocarbon Potential
- **Kuzmichev, M. Danukalova:** The Late Jurassic-Early Cretaceous Synorogenic Foreland Basin in the Shelf of Laptev Sea
- **L. Marelllo, J. Ebbing:** 3-D Geophysical Model of the Barents Sea and Characterization of Crustal Properties
- **M. Korotaev:** Barents Sea Basin — Modeling of Burial History and HC Generation
- **N. B. Kuznetsov, L. M. Natapov, E. A. Belousova, K. V. Kulikova, A. A. Soboleva, O. V. Udoratina:** The First Results of the Dating (U/Pb) and Isotopic-Geochemistry Study of the Detrital Zircons from the Neoproterozoic Sandstones of the Southern Timan
- **Romanko:** Some Peculiarities of the Hydrocarbons-Rich and Hydrocarbons-Free Structures (Different Economic and Non-Economic Structures of the Former USSR as an Example)

Regional and Pan Arctic Poster Session II Exhibition Hall

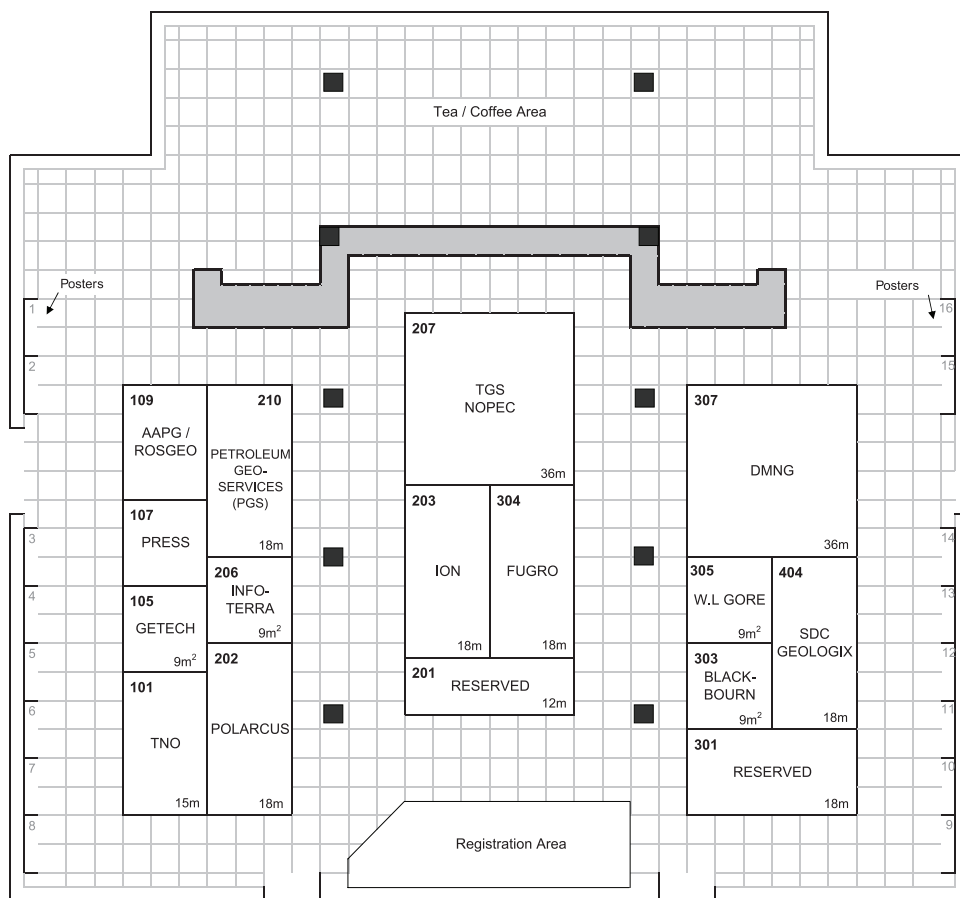
Presenters in Booths (10:00–11:30 and 16:00–17:00)

- **K. R. Miller, S. Krohn:** Geology and History of Discovery of the Point McIntyre Field, North Slope, Alaska
- **Gomez Perez, R. Veiga, R. Gruenwald, J. Franques-Faixa, L. Castañares, M. Gutierrez, M. Riveira:** Late Paleozoic-Cenozoic Evolution of the Chukchi Sea: Definition of Areas of Interest from Paleogeography, Potential Reservoir Distribution and Basin Modeling
- **S. Mazur, S. Campbell, R. Bouatmani, K. Bonne, L. Gill, P. Markwick:** Does the Rotational Opening of the Canada Basin Imply a Marine Connection Between the Sverdrup Basin and Hanna Trough?
- **J. Faleide, F. Tsikalas, A. J. Breivik, R. Mjelde, O. A. Blaich, O. Eldholm:** Structure and Evolution of the NE Atlantic Region and Links to the Arctic
- **J. Knies, W. Jokat, C. Gaina, U. Mann:** Exploration of the East Greenland Margin — A Project Proposal to Evaluate and Model Palaeogene Source Rocks
- **S. Bünz, J. Mienert, S. Chand:** Gas Hydrates and Shallow Gas Reservoirs in the Barents Sea and on the Svalbard Margins: An Unconventional Resource or a Geohazard?
- **Kusov, K. Chebotar, A. Stoupakova, T. A. Kirjukhina, S. Bordunov:** Palaeozoic Reservoirs of Yenisei-Khatanga Basin
- **S. Pharez, A. Dementjev:** Benefits of Dual-Sensor Acquisition for Arctic Marine Seismic
- **G. Marchant, S. Brown, P. Murphy, D. Hughes*:** Rapid Response Satellite SAR Applications for the Oil Industry: Ice, Pollution, Seep and Environmental Monitoring in the Arctic Region
- **N. B. Kuznetsov:** Arctica-Baltica Collision is the Earliest Collisional Event of Supercontinent Pangea Assembling
- **Chernyh, A. Krylov, V. Glebovsky:** History of Cenozoic Sedimentation in the Central Amundsen Basin: Implication from Seismic and ACEX Drilling Data
- **E. V. Artyushkov, V. A. Poselov:** The Formation of the Deepwater Basin in the Eastern Central Arctic by Rapid Subsidence of Continental Crust
- **G. I. Ivanov, A. Goncharov, E. Gorbenko:** Multidisciplinary Bottom Geochemical Survey — Innovative Technology of Marine Prospecting Works for Direct Searches of Deposits of Oil and Gas on the Shelf
- **V. F. Proskurnin:** Mineragenic Zonation of the Russian Arctic Central Sector (Taimyr-Severozemelsky Region)
- **V. Borisov:** Arctic Web — Bringing Information on Arctic Together
- **N. Dmitrievsky, I. E. Balanyuk*, Y. A. Poveschenko, O. N. Chaikina:** Critical Factors for Successful Development of the Barents Sea Fields

THURSDAY POSTER SESSION

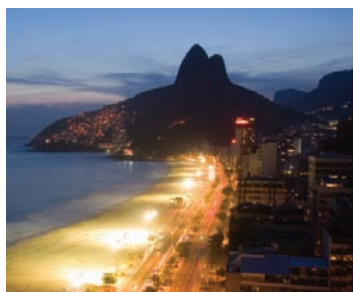
Conference and Exhibition Exhibitors & Floorplan

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The Venue

Gubkin Russian State University of Oil and Gas is Russia's principal higher educational institute of petroleum engineering and has now been in existence for over 70 years. During that time, the University has developed a wide research capacity, which has led to the development of many new methods of exploration, production, transportation, refining and processing of hydrocarbons. The university is located in South West Moscow, 8 km (5 miles) from Red Square, and is accessible via the metro.

Travel and Visas

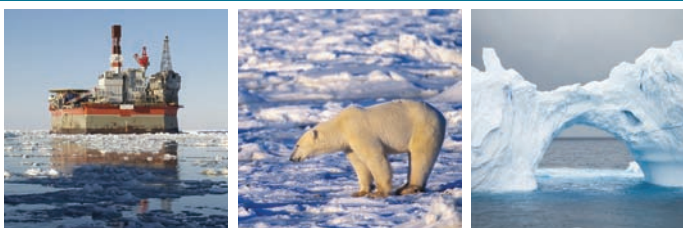
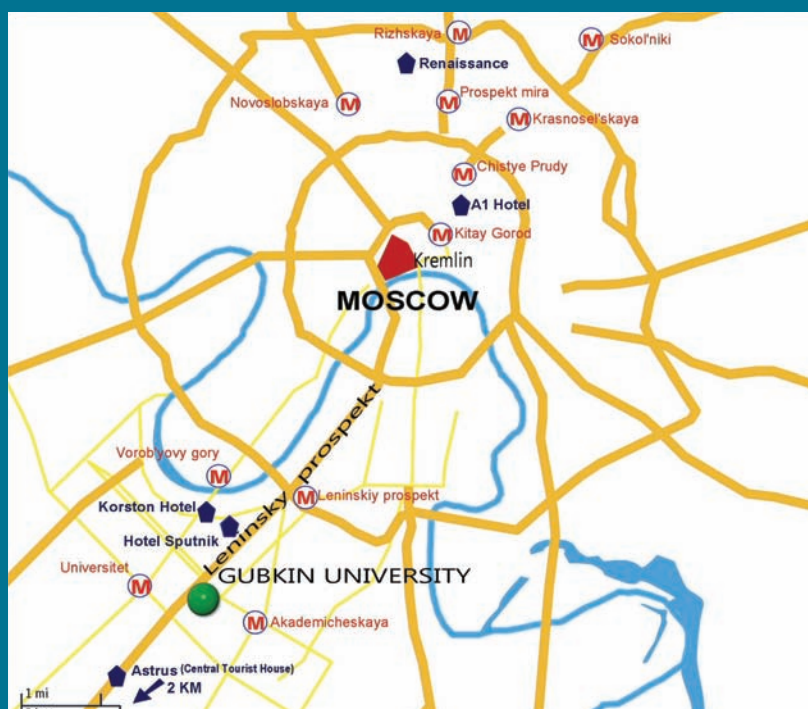
Official hotels

- A1 Hotel Prices from €150 – €190
- Astrus Prices from €85 – €110
- Hotel Sputnik Prices from €135 – €150
- Korston Hotel Prices from €195 – €230
- Renaissance Prices from €240 – €260

For information regarding travel services, accommodation, or to apply for a visa support document, please contact the official travel agent for 3P Arctic:

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Conference Registration Form



Registration Fees

On or before 1 September	AAPG or RosGeo members: €295 non-members: €395 Presenters and Academia: €150
After 1 September	AAPG or RosGeo members: €345 Non-members: €445 Presenters and Academia: €175
At any time	Students: €60; Guests: €70
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