SPE Arctic and Extreme Environments Technical Conference and Exhibition
15–17 October 2013
All-Russian Exhibition Center, Pavilion 75, Moscow

2013 POST SHOW REPORT
www.arcticoilgas.com
The SPE Arctic & Extreme Environments Technical Conference & Exhibition (AEE 2013) organised by the Society of Petroleum Engineers in collaboration with Reed Exhibitions was held on 15-17 October 2013 at the All-Russian Exhibition Center in Moscow.

The event had over 1550 attendees from 42 countries. During this three day Conference, oil & gas exploration and production experts discussed topical issues of the industry, shared knowledge of innovative field exploration and exchanged experiences in the areas of environmental oil and gas challenges.

Over 50 leading companies were present at the event including ExxonMobil, Chevron, Schlumberger, Total, Gazprom, Lukoil, Rosneft, Tatneft, Baker Hughes, and many more.

The Conference included 3 Plenary, 1 Multidisciplinary and 16 Technical Sessions, within which 156 reports were presented, covering topics such as “Arctic Politics: Cooperation or Confrontation?”, “Key drivers for economic offshore Arctic development”, “Development of Innovative Oil and Gas Technologies and Equipment for Arctic Shelf and Extreme Environments”.

2013 plenary speakers included:

- Vadim Petrenko, Head of Directorate of Engineering and Offshore Field Development Technology, Gas, Gas Condensate and Oil Production Department, Gazprom
- Bill Scott, General Manager, Chevron Arctic Center
- John Campbell, Technical Director, International Association of Oil and Gas Producers (OGP)
- Anthony Brenton, Cambridge University

**KEY STATISTICS**

- Over 1550 attendees from 42 countries
- 545 Conference delegates

**EXHIBITOR FEEDBACK**

- 65% of exhibitors rated the 2013 exhibition as reasonable or good
- 75% of exhibitors were extremely satisfied, very satisfied or somewhat satisfied with the 2013 event
- 60% are extremely or very likely to exhibit in 2015

**VISITOR SURVEY**

- 86% of visitors were completely satisfied, very satisfied or somewhat satisfied with the 2013 event
- 86% are extremely likely, very likely or somewhat likely to visit the 2015 event
- 86% of attendees found the technical content of the conference excellent, very good or good
- 75% of attendees found the social events and networking excellent, very good or good

**KEY OBJECTIVES**

- Looking for inspiration / see what’s new — 77%
- Network with other visitors — 55%
- Attend a seminar — 42%
- Source Domestic products / services — 26%
- Source International Products / Services — 25%
- Find a new supplier — 10%
- Meet their current supplier — 10%

* based on post show survey 2013

**TESTIMONIALS**

“I attended this conference in the past and my general impression is that it is getting better, in terms of both of quality, attendance and discussed topics”, Alexander Papusha, Chair of Continuum Mechanics and Offshore Petroleum Engineering Department, Murmansk State Technical University.”

“We have showcased many new technologies here including steerable drilling-liner services, sand management systems and others. New technologies appear every year on the market, and this is an excellent opportunity for us to meet new potential customers”. Yevgeny Bychkov, Business Development Manager, Completions & Intervention Russia, Baker Hughes
The theme of the 2013 Conference was “Science and Industry Collaboration for Crossing Arctic Frontiers”.

This 3 day event was attended by 545 delegates (a 17% increase compared to the 2011 conference). During its 3 Plenary, 1 Multidisciplinary and 16 Technical sessions 156 reports were presented covering a wide range of issues related to the Arctic development: innovations, investments, environmental protection and corporate social responsibility.

EXAMPLES OF FEATURED PRESENTATIONS:

- Seismic Challenges and Structural Solutions on the Berkut Platform

- The Principles of Selection and Optimization of Drilling Fluid for Drilling Operations in the Vankor Field in Eastern Siberia

- Assessment for Concept of Fracturing Mechanics in Bazhenov - Tumen Rock of Em-Yoga Field Krasnoyarsk Arch West Siberia
  A. Platunov, M. Nikolaev, F. Leskin, I. Davydenko, M. Martynov, Rosneft

- The Oil and Gas Industry’s Commitment to Responsible Arctic Operations: an Innovative Arctic Oil Spill Response Technology – Joint Industry Programme
  J. Mullin, International Association of Oil and Gas Producers

- Vasily Bogoyavlensky, Member of the Russian Academy of Sciences

- Anthony Brenton, Cambridge University

- John Campbell, Technical Director, International Association of Oil and Gas Producers (OGP)

- Oyvin Halle, Platform Manager, Statoil

- Sergey Seryi, Gazprom VNIIGAZ

- John Milne, Director of Exploration, Russia, Statoil ASA

- Maxim Nechaev, Director, Consulting, Russia, IHS Global Limited

- Vadim Petrenko, Head of Directorate of Engineering and Offshore Field Development, Gazprom

- Bill Scott, General Manager, Chevron Arctic Center

- Geir Utskot, Arctic Manager, Schlumberger

- Mitch Winkler, Manager, Arctic, Shell International Exploration and Production Inc.

- Anatoly Zolotukhin, Deputy Chancellor, International Affairs, Gubkin Russian State University of Oil and Gas
MAiN EVEN TS AND FEATURES

ARCtiC BuSiNiSS thEAtRE

The Arctic Business Theatre included six presentations from leading industry experts:

- Transfer of Competencies in Offshore Fields: Project of “OILTEAM” Company and Robert Gordon University
  Konstantin Fedorov, OILTEAM Company
  Vladimir Lavrov, OILTEAM Company
  John Watson, Robert Gordon University
  Donella Beaton, Robert Gordon University

- Innovative Russian Technology for Integrated Protection and Ballasting of Pipelines
  Sergey Melikov, Deputy General Director
  Ballast Pipelines SVAP Ltd

- Logistics for Development of Remote Deposits
  Sofia Katkova, Project Manager, Mostrotechnology (Marine Construction and Technologies (MCT))

- New Prospects of the Northern Construction with Application of Thermal Stabilisation Systems of Soils
  PhD Sergey Okunev, Chief Engineer, Scientific and Production Association Fundamentstroyarkos LLC Tyumen, Russia
  PhD Nikolay Skorbilin, Leading Researcher, Fundamentstroyarkos LLC, Tyumen, Russia

- Arctic Projects as an Impulse to Local Industry and Infrastructure Development in the North
  Sergey Smirnov, Director, Association of Oil and Gas Suppliers Sozvezdye/Arkhangelsk region

- Multi-Position Radar Systems in the Arctic Zone of the Russian Federation
  Ivan Krasnyy, Project Manager, Hydrographic Engineer, IT-Specialist, “Investments. Engineering. Construction” (IEC) CJSC
  Vladimir Trubnikov, Research Scientist, Power Division, All-Russian Research Institute for Agriculture Electrification

KNOWLEDGE SHARING PRESENTATIONS

During the 3 day Exhibition, the Knowledge Sharing ePoster Presentations and Poster Sessions took place at the Exhibition Hall covering all major industry challenges.

TOPICAL LUNCHEONS

Topical luncheons were dedicated to the following topics:

- The “Arctic 2012” Project: Complex Geological and Geophysical Research Results from the Mendelev Ridge, presented by Mikhail Shkatov, Director, Sevmorgeo

- Ice Breaking Vessels for Arctic Applications presented by Mikko Niini, Managing Director, Aker Arctic

TECHNOLOGY INCUBATOR

The Technology Incubator sector for new and innovative companies included six companies from the Skolkovo Foundation and an independent company, Magic-Float.

YOUNG PROFESSIONALS

Addressing the challenges of the big crew change, the Conference included a special Young Professionals Hall, holding the Young Professionals Session, the Students’ Paper Contest and the Round Table.
### Participating Companies

- Academy of Oil and Gas Engineering
- Agency of Oil and Gas Information (Bakra)
- AGT Systems Ltd
- “Asia” Agency, Kazakhstan Press in Russia
- Association of Drilling Contractors Russia
- Association of Oil and Gas Suppliers Sozvediye
- Association of Suppliers for Oil and Gas Industry Murmanskshelf
- Baker Hughes B.V. Branch in the Russian Federation
- BKE Shelf Ltd
- Central Dispatching Department of Fuel and Energy Complex
- Federal State Unitary Enterprise
- Coiled Tubing Times Ltd.
- Database of Suppliers of the Oil&Gas Complex Oil-Gas.Ru
- Drilling and Oil Magazine
- ENGO Engineering Ltd.
- EPAC-Service JSC
- ERM
- Exposition Oil & Gas Magazine
- Exxonmobil Russia Inc (Sponsor)
- Fairfieldnodal
- Fundamentproekt OJSC
- Fundamentstroyarkos LLC SPA
- Gasoil Press, LTD
- Gazprom Bureniye LLC
- Geonode LLC
- Glynded Russia LLC
- Customsc
- Hardbanding Solutions by Postle Industries
- Ion Geophysical
- Lomonosov Moscow State University Oil & Gas Research Centre
- Magic-FLOAT
- MIKS LLC
- Moscow Representative Office of Chevrон Neftegaz Inc. (Sponsor)
- MTZK-SvAP Consortium
- National Mineral Resources University
- National Research University- Gubkin Russian State University of Oil and Gas
- Neftegaz.Ru Information Agency LTD
- Nefteservice Magazine
- Northern (Arctic) Federal University Named After M.V. Lomonosov
- Federal State Autonomous Educational Establishment of Higher Professional Education
- NP Naen
- Oceanos JSC
- Oil & Gas Field Engineering
- Oilfield Engineering Journal
- Oil & Gas Vertical Journal
- Oil & Gas Publishing House Institute of Computer Science LTD
- Oil Industry Magazine
- Oil&Gas Eurasia Magazine
- Oil&Gas Journal Russia
- Portnews LLC
- Rogtec Magazine
- RPS Energy
- Rusenergy Agency
- Russian Gas Society
- Samara State Technical University (STU)
- SBEU HPE NSMU (Arkhangelsk) Ministry of Health
- Schlumberger (Sponsor)
- Shipbuilding.Ru
- SPE
- Spets&Technika Gaz&Oil Equipment Magazine
- Start-Catalyst LTD
- Tek. Development Strategies
- Territoriya Neftegas
- TGT Prime
- Tic LLC
- Total E&P Russia (Sponsor)
- Ufa State Petroleum Technological University SEI HPE
- Ukhta State Technical University USTU
- Unique Fiber Devices LLC
- Vam Drilling
PRODUCTS AND SERVICES ON DISPLAY INCLUDED:

- CERTIFICATION
- CONSULTING AND TRAINING
- ENVIRONMENTAL PROTECTION SERVICES
- EXHIBITIONS AND CONFERENCES
- EXPLORATION AND PRODUCTION COMPANIES
- GEOLOGY, GEOPHYSICS
- LABORATORY GAS GENERATORS
- NON-DESTRUCTIVE TESTING
- OFFSHORE SERVICES AND EQUIPMENT
- OILFIELD SERVICES
- OIL and GAS EXPLORATION AND PRODUCTION (TECHNOLOGIES AND EQUIPMENT)
- PIPES AND PIPELINES
- PROPPANT PRODUCTION
- PUBLISHING, INFORMATION SERVICES
- RECRUITMENT SERVICES FOR THE OIL and GAS INDUSTRY
- REFINING AND PETROCHEMICALS
- RUBBER PRODUCTS
- SCIENTIFIC RESEARCH AND DEVELOPMENT; ENGINEERING
- SOFTWARE AND COMPUTER SYSTEMS
- TELECOMMUNICATIONS
- TRADE ASSOCIATIONS
- WELL CONSTRUCTION, COMPLETION, SERVICING, TESTING
Citizens from 42 countries visited the event showing a 62% increase compared to SPE Arctic and Extreme Environments 2011.

- Austria
- Azerbaijan
- Bahrain
- Belarus
- Belgium
- Canada
- China
- Colombia
- Croatia
- Czech Republic
- Denmark
- Ecuador
- Estonia
- Finland
- France
- Germany
- Indonesia
- Iran
- Italy
- Japan
- Kazakhstan
- Kyrgyzstan
- Malaysia
- Moldova
- Netherlands
- Nigeria
- Norway
- Pakistan
- Romania
- Russia
- St. Kitts & Nevis
- Saudi Arabia
- Singapore
- South Korea
- Spain
- Switzerland
- Turkey
- Turkmenistan
- Ukraine
- United Kingdom
- United States
- Uzbekistan
ATTENDEE PROFILE
AREAS OF INTEREST

- Academia
- Administration
- Analyst
- Asset Management
- Business
- Development/ Sales
- Business Systems
- Consulting
- Control and Instrumentation Engineering
- Data Capture
- Design Engineering
- Drilling and Completions
- Education and Training
- Emergency Response
- Facilities Management
- Field/ I-Field
- Finance
- Geology and Geophysics
- Government Official
- High Performance Computing
- Human Resources
- Impact/ Monitoring
- Information Management
- Integrated Operations
- Intelligent Well Engineering
- IT Infrastructure
- Journalist
- Maintenance and Support
- Marine Operations
- Marketing/ Communications
- Offshore Engineering
- Operations
- Pipeline Operations
- Process Engineering
- Procurement and Logistics
- Production Engineering
- Project Management
- Public Relations
- Quality Control
- Real Time Operations
- Research and Development
- Reservoir Management
- Safety
- Security and Environment
- Spill Response
- Subsea Engineering
- Technology Strategy and Planning
- Well Completion

OVERVIEW
PROGRAMME COMMITTEE
MAIN EVENTS AND FEATURE
SPONSORS AND SUPPORTING ORGANISATIONS
PARTICIPATING COMPANIES
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ATTENDEE PROFILE
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SPE REGIONAL AWARDS
## SAMPLE ATTENDEE LIST

- ACCRA METROPOLITAN ASSEMBLY Coordinator
- AGR Subsea AS Regional Director
- Aker Arctic Managing Director
- Akzo Nobel Performance Additives Sales Manager
- ALFA METAL President
- All-Russian Research Geological Oil Institute (VNIGNI) Deputy Director General
- Baker Hughes RDS BD Director for Russia and Caspian Region
- Baker Hughes Russia President
- Bashneft Vice President, Upstream and Geology, Member of the Management Board
- BP Arctic Engineering Technology Manager
- Chevron Country Manager, Russia
- Chevron Canada General Manager – Chevron Arctic Center
- CST Marketing & Business Development Manager
- Embassy of France in Moscow Energy Attaché
- Embassy of the UK in Russia Trade Advisor
- ENI E&P Arctic Engineering Coordinator
- ENI EXPLORATION & PRODUCTION DIV. Senior Vice-President
- ERM Regional CEO – EMEA
- EUROGAZALMATY Director
- ExxonMobil Technical Advisor
- ExxonMobil Russia Arctic research manager
- ExxonMobil Russia Drilling manager
- Federal State Kazan University Deputy Director of Geology Institute
- FGUP Krylov State Scientific Centre Sector Director
- FGUP VNIGNI General Director
- GANU INTNM RB Director
- Gazprom Chief Specialist
- Gazprom Head of Directorate of Engineering and Offshore Field Development Technology, Gas, Gas Condensate and Oil Production Department
- Gazprom dobycha Yamburg Head of Technical Department
- Gazprom Drilling, Director Project Management
- Gazprom Neft Director for Technology Development
- Gazpromneft-Hantos Senior Geologist
- Gazpromneft-NTC Head of Chemicalization Department
- Gazpromneft Offshore Deputy General Director - Senior Geologist
- Gazprom Promgaz Chief of Laboratory
- Gazpromneft-Sakhalin Head of Department
- Gazprom VNIIGAZ Chief of Environmental Support and Projects Examination Laboratory
- Gazprom VNIIGAZ Center Director
- GIKZ Rosnedra Outsource Expert
- Gubkin Russian State University of Oil and Gas Rector
- GustoMSC Manager Product Development
- Halliburton Project Director
- Halliburton Technical Manager
- Halliburton Tech Prof Completions Tools
- HARDBANDING SOLUTIONS BY POSTLE IND Director
- HARDBANDING SOLUTIONS BY POSTLE IND President
- IBM Chief of Department
- Industrial Energy Company General Director
- Institute of Petroleum Chemistry, Siberian Branch of Russian Academy of Sciences (IPC SB RAS) Director of the Institute
- International Association of Oil and Gas Producers (OGP) OGP Technical Director
- ION Geophysical General Director
- JSC CKBN GAZPROM Subsea Processing Engineer, 1st class
- KCA Deutag BD-Manager
- Lloyds Register Senior Vice President Technology
- Lomonosov Arctic Federal University Director Engineering and Construction Mgr – Arctic
- LUKOIL Vice-President, Science and Technology
- LUKOIL-Engineering Director of Reservoir Model Department
- LUKOIL-Nizhnevolszhskneft Deputy General Director, Drilling
- LUKOIL Overseas North Shelf AS General Director
- Maersk Deputy Director
- Maersk Drilling Copenhagen Director
- Mining Institute Chair Professor
- Ministry of Industry & Trade of Russia Metallurgy Department Consultant
- Ministry of Natural Resources and Ecology, Krasnoyarsk region, Russia Deputy Minister
- MORNEFTEGAZPROEKt Head Engineer
- NOVATEK Deputy Director of Gas Production Department
- NOVATEK Head of Field Development Forecast and Monitoring Division
- Petroleum Technology CEO
- REPSOL Senior Petrophysicist
- RITEK Chairman of the Board of Directors
- RN-Exploration Head of GG Department
- RN-Offshore-Arctic 1st Deputy General Director
- Rosneft First Vice President
- Rosneft Head of Division
- Rospan International Acting Director General
- Rospan International Deputy Executive Director - Senior Geologist
- RPS Energy General Director
- Samara State Technical University Dean
- Schlumberger President Russia and Central Asia
- Schlumberger Vice-President
- Siemens AG Business Development
- Skolkovo Foundation Operational Director
- State Committee on Reserves General Director
- Statoil Director of Exploration, Russia
- Surgutneftegaz Head of Department
- Tatneft Leading Geologist
- TatNIPiNeft Director
- Tengizchevroil Manager Reservoir Management Group
- TMK Director
- TNNC Department Director
- Total Head of Completion and Well Services
- Total E&P Russie Geosciences Director
- Union of Oil & Gas Equipment Producers Vice President
- Vallourec Drilling Products Head of Marketing and Technical Support
- Weatherford Vice President, Russia
- Welttec Business Development Manager
UPSTREAM OIL GAS AND MARINE EVENTS

**OCEANOLOGY INTERNATIONAL 2014**
Venue: ExCeL
Where: London, UK
When: 11–13 March 2014
www.oceanologyinternational.com

**SPE INTELLIGENT ENERGY INTERNATIONAL**
Venue: Jaarbeurs
Where: Utrecht, The Netherlands
When: 1–3 April 2014
www.intelligentenergyevent.com

**SANTOS OFFSHORE**
Venue: Mendes Convention Centre
Where: Santos, Brasil
When: 8–11 April 2014
www.santosoffshore.com

**QUEENSLAND GAS 2014**
Venue: Brisbane Convention Centre
Where: Brisbane, Australia
When: 10-11 September, 2014
www.queenslandgasconference.com.au

**SPE RUSSIAN OIL & GAS EXPLORATION AND PRODUCTION TECHNICAL CONFERENCE AND EXHIBITION 2014**
Venue: All Russian Exhibition Center, Pavilion 75
Where: Moscow, Russia
When: 14-16 October 2014
www.russianoilgas.ru/en/

**IBP/SPE BRASIL OFFSHORE 2015**
Where: Macaé, RJ, Brasil
When: 23–26 June 2015
www.brasiloffshore.com

**SPE OFFSHORE EUROPE 2015**
Venue: AECC
Where: Aberdeen, Scotland
When: 8–11 September 2015
www.offshore-europe.co.uk

**SPE ARCTIC & EXTREME ENVIRONMENTS TECHNICAL CONFERENCE AND EXHIBITION**
Venue: All-Russian Exhibition Center
Where: Moscow, Russia
When: October 2015
www.arcticoilgas.com
SPE REGIONAL AWARDS

TENGIZCHEVROIL DISTINGUISHED CORPORATE SUPPORT

AHMED EL-BATTAWY
PRINCIPAL RESERVOIR ENGINEER, SCHLUMBERGER
REGIONAL SERVICE AWARD

RENAUD GAUCHET
GEOSCIENCES DIRECTOR, TOTAL E&P RUSSIE
REGIONAL SERVICE AWARD

ANDREY KHARITONOV
REGIONAL TECHNICAL MANAGER, EURASIA, HALLIBURTON
REGIONAL DRILLING ENGINEERING AWARD

ERIC LIRON
FIRST VICE PRESIDENT, ROSNEFT
REGIONAL SERVICE AWARD

EDUARD MUSLIMOV
WELLS COMPLETION DIVISION HEAD, ROSNEFT
REGIONAL COMPLETION OPTIMISATION AND TECHNOLOGY AWARD

ALI NAGHIYEV
PETROLEUM ENGINEER, BP
REGIONAL YOUNG MEMBER AWARD

VICTOR PETERSILIE
DEPUTY GENERAL DIRECTOR, ALL-RUSSIAN RESEARCH
GEOLOGICAL OIL INSTITUTE (VNiIGNI)
REGIONAL FORMATION EVALUATION AWARD

GENNADY SARKISOV
BUSINESS DEVELOPMENT MANAGER, ROXAR SERVICES AS
REGIONAL MANAGEMENT AND INFORMATION AWARD

SERGEY VOROBYOV
ASSOCIATED PROFESSOR, OIL AND GAS WELL DRILLING DEPARTAMENT,
SAMARA STATE TECHNICAL UNIVERSITY
REGIONAL PETROLEUM ENGINEERING FACULTY AWARD

WARREN WALHAUG
SENIOR RESERVOIR ENGINEER, SHELL
REGIONAL PRODUCTION AND OPERATIONS AWARD

SANZHAR ZHARKESHOV
DRILLING ENGINEER NORTH CASPIAN DRILL TEAM, EXXONMOBIL
REGIONAL YOUNG MEMBER AWARD