SPE Annual Caspian Technical Conference and Exhibition

Chasing the Margins

1 – 3 November 2017 | Baku, Azerbaijan

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Dear Colleague,

As conference co-chairs, and on behalf of the Conference Executive and Technical Programme Committees, we thank you for attending the SPE Annual Caspian Technical Conference and Exhibition.

This year’s conference theme “Chasing the Margins” will focus on the current market conditions facing the oil and gas industry, both globally and on a local level, and the ways in which our industry should respond. The velocity and magnitude of price volatility has pushed the industry to shift focus from “chasing barrels” towards “chasing efficiency” to enhance the value of the ultimate products. The modernisation of the industry, the collaboration between oil and gas operators, contractors, service providers and governments, and a new approach on local content in running businesses have played a role in efficiency improvement and adaptation to new realities. We believe every one of us has a role to play in helping our industry become more sustainable and value-adding, and therefore your active participation is important.

The conference theme will be explored further in the three keynote panel sessions – Modernisation, Localisation and Collaboration. In these sessions, you will hear from high-profile speakers and panellists drawn from government, operators, service providers, advisory firms, and energy research companies.

Twelve technical and several knowledge sharing poster sessions will encompass presentations across a range of technical topics. These presentations will offer the opportunity to share knowledge in an open and constructive environment.

We hope that you take the opportunity to meet and network with old and new colleagues, discover new technologies and insights into the industry, engage in the debate, and share your experiences.

Khoshbakht Yusifzadeh Baghi Oglu,
First Vice President, SOCAR
Academician of the Azerbaijan National Academy of Sciences

Brant Hasebe,
Vice President, Reservoir Development, BP Azerbaijan, Georgia and Turkey Region

Denis Lemarchal,
Managing Director, TOTAL E&P Azerbaijan

Society of Petroleum Engineers

The Society of Petroleum Engineers (SPE) is a not-for-profit professional association whose members are engaged in energy resources development and production. SPE serves more than 164,000 members in 143 countries worldwide. SPE is a key resource for technical knowledge related to the oil and gas exploration and production industry and provides services through its publications, events, training courses, and online resources at www.spe.org.
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AAPG
The American Association of Petroleum Geologists (AAPG) is the world’s oldest and most established petroleum geoscience organisation. Celebrating its 100th anniversary in 2017, AAPG continues to be the global centre of petroleum geology science and data. With tens of thousands of members worldwide, AAPG’s professional scientists deliver the science needed by companies, governments, and institutions across the globe.

ANGC
The Azerbaijan Society of Petroleum Geologists (ASPG), established in 1993, became affiliated with the American Association of Petroleum Geologists (AAPG) in 1994. It has held 11 international conferences, some of which were jointly organised with AAPG and EAGE. It has organised 10 local Republic conferences, as well as many seminars, workshops, and field trips. ASPG publishes the Azerbaijan Geologist scientific and monthly information bulletin. ASPG also works with students, holding 22 annual student conferences, as well as special lessons, field trips, and technology days to help students determine their future professions and other activities.

EAGE
The European Association of Geoscientists and Engineers (EAGE) is a professional association for geoscientists and engineers with a world-wide membership, enabling a global network of professionals to share their knowledge and experience. Since 2003, EAGE LC Azerbaijan has done most of its work jointly with the Azerbaijan Society of Petroleum Geologists (ASPG).

SEG
The Society of Exploration Geophysicists (SEG) is a not-for-profit organisation that promotes the science of applied geophysics and the education of geophysicists and was founded in 1930. SEG is an international organisation, with more than 27,000 members in over 140 countries and fulfills its mission through its publications, conferences, forums and educational opportunities. Since 1993 the AMGK also operates as a local chapter of SEG in Baku, Azerbaijan.

AMGK (Azerbaijan Milli Geofizika Komitesi) is the Azerbaijani title of National Committee of Geophysicists of Azerbaijan (NCGA), which was established in 1993 and devoted its activity to launching various studies in Azerbaijan, integration of Azerbaijan’s geophysicists into the international geophysical community and organising international and local conferences and workshops. NCGA holds a biennial International Geophysical Conference.
SCHEDULE OF EVENTS

Wednesday 1 November 2017

0830 – 0930  Registration
0930 – 1030  Conference Opening Ceremony
1030 – 1100  Coffee Break and Knowledge Sharing Poster Session
1100 – 1230  Keynote Panel Session: Modernisation
1230 – 1330  Lunch
1330 – 1500  Technical Session 1: Well Integrity Management
1500 – 1530  Coffee Break and Knowledge Sharing Poster Session
1530 – 1700  Technical Session 3: Sand Monitoring and Control
1700 – 1830  Welcome Drinks Reception

Thursday 2 November 2017

0930 – 0940  Regional Awards Ceremony
0940 – 1115  Keynote Panel Session: Localisation
1115 – 1145  Coffee Break and Knowledge Sharing Poster Session
1145 – 1315  Technical Session 5: New Drilling Completion Technologies
1315 – 1415  Lunch
1415 – 1545  Technical Session 7: Reservoir Description
1545 – 1615  Coffee Break and Knowledge Sharing Poster Session
1615 – 1745  Technical Session 9: Well Stimulation and Zonal Isolations

Friday 3 November 2017

0930 – 1100  Keynote Panel Session: Collaboration
1100 – 1130  Coffee Break and Knowledge Sharing Poster Session
1130 – 1300  Technical Session 11: Cost Effective Solutions in Project Management
1300 – 1400  Lunch and Close of Conference

Programme correct at time of going to press.
The untimely death of Dr. Yusif Shikhaliyev has been a huge loss to the geophysical community of Azerbaijan.

After graduating from secondary school Yusif entered Baku State University where he successfully completed his studies specialising in mathematics. He then joined the Institute of Geophysics under State Oil Company of Azerbaijan Republic (SOCAR), progressing over the years to become laboratory head. He received his Ph.D. in physics and mathematics in 1989.

Yusif was actively involved in the development of the software package REZAYR for the joint interpretation of seismic and well log data. He took part in, and supervised, researches on geological setting and lithological characteristics of rocks in Chirag, Umid, Babek, Shahdeniz, Absheron and Zafar-Mashal.

He authored over 120 technical papers and co-authored five patents. Yusif was a highly influential member of numerous professional committees and working groups including technical committees of a number of international conferences. He was an active serving member of the Society of Exploration Geophysicists (SEG) in Azerbaijan and of the National Committee of Geophysicists of Azerbaijan.

His long-term ties with the Universities of Utah, Columbia and Texas (USA), Beicip-Franlab Scientific Centre (France) and close co-operation with major companies such as BP, ExxonMobil, TOTAL and Schlumberger played a significant role in introducing Azerbaijan’s geophysics to the international geosciences community.

Yusif also lectured at the Azerbaijan State Oil and Industry University, being a mentor for generations of young geophysicists.

From 2009 he held the position of Deputy Director at SOCAR Geophysics and Geology Department and was repeatedly awarded for his activity. He was presented with an Honorary Diploma from SOCAR and in 2015 he was honored with the “Progress” medal.

His memory will continue to live on in the hearts of his friends, colleagues and students.
PANEL SESSIONS
Wednesday 1 November
1100 – 1230
Room: SPE Session Room 1 and 2
Keynote Panel Session: Modernisation
SESSION MANAGERS:
Brant Hasebe, VP Reservoir Development, BP
Ilkam Mukhametshin, Regional Director, Russia and CIS, RESMAN
Moderator: Darcy Spady, 2018 SPE President
PANELLISTS:
Abzetdin Adamov, Director, Center for Data Science Research and Training, ADA University/Big Data Center
Mars Khasanov, Technology Director, Gazprom neft PJSC
Sergey Kolbikov, Head of Reservoir Engineering, NOVATEK
Yves Le Stunff, Digital Officer, TOTAL
Oddvar Vermedal, Vice President, IT, Statoil

The energy industry, characterised as both capital intensive and requiring robust risk management, has historically been relatively slow to accept new technology and ways of working. Major projects, typically with long procurement and engineering lead times, frequently bias towards proven technology and designs. Key contractors are inclined to deploy existing tools to minimise capital expenditure on equipment upgrades. High entry costs, particularly against the backdrop of geographic and market constraints, can result in limited competition. High commodity prices can make good performance ‘good enough.’ Low commodity prices, however, change the game entirely. What will it take for our industry to leverage the accelerating and compounding capabilities of digital technologies, data analytics, improved sensors, geotagging technology, autonomous systems, and compute power? What are the changes in mindset that need to accompany an improved toolbox?
The Caspian countries, in particular Azerbaijan, have been at the forefront of developing its local manufacturing and supply chain industries by bridging Asia and Europe and closing the technology gap. This has created a stable and mutually beneficial working relationship between the international and local firms and provides a sustainable market place and future favourable conditions for foreign investors to work in an alliance with local companies. This panel will examine and discuss shared experiences to show what has been achieved and the areas that need to be addressed to be able to move to the next level of collaborative full value chain ‘Localisation’.

**Friday 3 November**

**0930 – 1100**

**Room: SPE Session Room 1 and 2**

**Keynote Panel Session: Collaboration**

**SESSION MANAGERS:**

- John Denis, General Director, SRI PDT
- Denis Lernarchal, Managing Director, TOTAL E&P Azerbaijan

**Moderator:** Yashar Latifov, Vice President, Field Development, SOCAR

**PANELLISTS:**

- Ali Al-Jarwan, Chief Executive Office and Managing Director of Exploration and Production, DRILKING
- Mustafa Babanli, Rector, Azerbaijan State Oil and Industry University
-Farah Isayeva, Senior Analyst, Goldman Sachs
- Martin C. Wiewiorowski, General Director, Russia and CIS Region, DeGolyer & McNaughton

In the world of challenges, collaboration at all levels is an effective process for achieving specific goals, whether it is between governments, operators, contractors and service providers. The ability to collaborate can be a decisive factor in improving the outcomes of a variety of business tasks driving to success. This session offers a platform to share recent examples, or to describe innovative solutions so that the broader industry participants can come together to offer solutions so that all stakeholders can identify their criteria for success, and find solutions so that all can see the ‘win-win’ in a new way forward.

**188979**

**Effective Application of Combination Technologies and Processes for Successful SCP Well Abandonment**

Bauyrzhan Amanov, KPO b.v.; Ato Aidoo; Azat Khouzin; Cas Lommers, Massimo Viti, KPO b.v.; Rustem Valiakhmetov, Schlumberger

Production optimisation has always been of great interest to our industry. However, in the current oil price environment, maximising the value from existing assets is more critical now than ever. This session highlights the benefits of using automatic choke control, optimising operating conditions of high GOR oil wells, and permanent inflow monitoring of ERD wells.

**1430**

**Technologies for ERD Wells (Including PLT, Tracers): A Case Study from the Caspian Offshore Yuri Korchagin Field in Russia**

S. Y. Shtun, A.A. Senkov, O.I. Abramenko, S. Y. Shtun, A.A. Senkov, O.I. Abramenko

The Comparison of Inflow Profiling Technologies for ERD Wells (Including PLT, Fiber Optics (DTS), Stationary Chemical Tracers): A Case Study from the Caspian Offshore Yuri Korchagin Field in Russia

S.Y. Shtun, A.A. Senkov, O.I. Abramenko, V.V. Matsashik, LUKOIL-Nizhnevolszhskneft LLC; I.R. Mukhametshin, RESMAN Rus LLC; A.V. Prusakov, RESMAN AS; M.T. Nukhaev, Siberian Federal University
1600

188999

Nuclear Attributes Selection and Utilization to Address ACG Late Field Development Challenges

Emin Alkhasov, Xiaogang Han, Adrian Zett, BP

188995

Unlocking the Development of Absheron Gas Condensate Field Through an Integrated Asset Work and Modeling

R. Marmier, B. Decroux, M.-A. Paran, S. Raurich, H. Akhundov, E. Esor, TOTAL SA

188993

Optimization of Recovery Using Intelligent Completions in Intelligent Fields

Azer Abdullayev, Rachit Kedia, Halliburton; Askar Urakov, Maersk Oil; Cenk Temizel, Aera Energy

1530–1700

Room: SPE Session Room 1

03 Sand Monitoring and Control

SESSION CHAIRS:

Shukurali Kazimov, SOCAR
Colin John, BP

Sand management through effective monitoring and control plays a significant role in the recovery of hydrocarbons through sustainable production over the life of the well. Accurate identification of key sanding events and proper remediation techniques to mitigate against production deferrals are reviewed in this session. Completion technologies utilising the latest reservoir surveillance and modelling techniques will be discussed in detail.

1530

188991

Application of Distributed Acoustic Sensing (DAS) Technology in Identification and Remediation of Sand Producing Zones in OHGP Completion

T. Sadigov, P. Thiruvnenkathanar, A. Sheydayev, BP plc.

1530–1700

Room: SPE Session Room 2

04 Enhanced Oil Recovery

SESSION CHAIRS:

Ahmed Salmanov, SOCAR
Kasim Sadikoglu, BP

Primary drive mechanism leaves substantial oil behind, while secondary drive mechanism improves the recovery further. EOR is anticipated to provide an incremental recovery mainly due to improvement in pore scale displacement efficiency. This session will explore the planning, executing and monitoring of EOR schemes, focusing on the global review of latest practices regarding gas and water injections.

1530

188997

Improving Reservoir Conformance Control Through Next-Generation Supramolecular Gelators and Their Use in Hydraulic Fracturing

Cengiz Yegin, Incendium Technologies LLC; Cenk Temizel, Aera Energy; Yagmur Yegin,
is one of the leading energy companies with its megaprojects stretching across continents. Our vision is to become an integrated company, resting upon advanced experience of operation efficiency, social and environmental responsibility.
New drilling and completion technologies are important for the Caspian region to allow successful cost-efficient well construction. This is in part due to the complexity of the Caspian region's geological structure. Despite the Caspian being one of the most experienced oil and gas regions we are still learning and resolving various problems that operators have to solve in order to drill and complete wells in the most efficient way. This session will discuss some of the applicable technologies and case studies related to drilling and completion.

### KNOWLEDGE SHARING POSTERS

**189005**
Delivering Russia’s Longest Offshore ERD Open-Hole Gravel Pack Well
Manish Kumar, Vincent Bouches, Alexander Shmakov, Alexey Plotnikov, Sakhalin Energy Investment Company

**189006**
First Intelligent Multilateral TAML5 Wells on Filanovsky Field
Mikhail Yurievich Golenkin, “LUKOIL-Nizhnevolskneft” LLC; Artur Spartakovitch Latypov, Sergei Alexandrovich Shestov, Igor Alexandrovich Bulygin, Azat Meredovich Khakmedov, Schlumberger

**189007**
First Hybrid Bit Experience for Balaxany and Fasila Formations in Azerbaijan Region
Andrey Kravchenko, Vladimir Mikhailov, Meirzhan Sheraliyev, Baker Hughes

**189003**
Innovative Completion Clean-up Design and Execution for Shah Deniz Stage 2 Development Project

**189002**
Implementing Liner Drilling to Achieve Increased Well Construction Robustness
Gaute Grindhaug, Torgerie Wenn, Morten Eidem, Statoil ASA; Sascha Schwartze, Thorsten Regener, Baker Hughes GE

**189004**
Modelling and Verification of Gravel Pack Treatments in ACG Field to Improve Sand Control Reliability
Hikmet Hasanov, Colin John, BP Exploration

### Reservoir Modelling and Management

**1145**
**189012**
Semi-analytical Model of Transient Fluid Flow to Multilateral Well
Maksim Vladimirovich Simonov, LLC Gazpromneft Science & Technology Center

**189010**
Impact of Thin Oil-rim to the Development of Gas-condensate Fields in the South Caspian Basin
Tahir Mammadov, SOCAR-UMİD LLC

**189013**
A Pore Network Model for Studying Boundary Layer Effect on Fluid Flow in Tight Formation
Mingqiang Chen, China University of Petroleum (Beijing)

**189014**
Overview of Prograding Slope Deposits Impact on Reservoir Dynamic Behaviour, Karachaganak Field, Kazakhstan
Mauro Cozzi, Steve Jenkins, Alibek Kassenov, Nursultan Yakhiyayev, Galymzhan Mataliyev, Karachaganak Petroleum Operating b.v.
189015
Geological Uncertainties Assessment: Lessons Learned
Gorbovskaia O.A., LLC Gazpromneft: Science and Technology Centre

189017
Investigation of Analytical Solution for Spontaneous Imbibition to Effectively Estimate SCAL Properties
Abdul Saboor Khan, Nayef Alyafei, Texas A&M University - Qatar

189019
Risk and Uncertainty Assessment While Estimation of Reserves
F.V. Rahimov, SOCAR “Oil Gas Scientific Research Project” Institute; A.Sh. Eminov, SOCAR “Azneft” Production Union; R.M. Huseyynov, SOCAR “Oil Gas Scientific Research Project” Institute

189021
Statfjord Field Late Life – Learnings from Planning to Current Depressurization Experience
G.S. Agaev, H.T. Lauritsen, O.B. Nesse, D. Frafjord, E. Stangeland, Statoil ASA

189022
Improving TCO Well Integrity Process Through Successful Deployment of Well Integrity Portal
Damira Tursinbayeva, Ilya Kuznetsov, Renat Sadyrbaikiyev, Batima Yeskayir, Daniel Barragan, Tengizchevroil LLP

1415-1545
Room: SPE Session Room 2
09 Data Integration for Reservoir Management
SESSION CHAIRS:
Eldar Maharramov, Nobel Oil
Yegor Se, Tengizchevroil

Reservoir data accumulation from various sources continuously increase with field development. Regardless of volume of collected data, the increased value from the data can only be achieved when data can be properly analysed, integrated with conceptual models and leveraged during critical decision making phases. This technical session is devoted to three case studies from different parts of the world, which provide clear examples of effective data management workflows and proactive data collection, resulting in improved hydrocarbon recovery, accurate production forecasting, enhanced well reliability and much more.

1415
189027
First Implementation of Diversion Stimulation Service with Multimodal Particles in Caspian Offshore Oilfield
Experience of Acidizing Injection Wells for Enhanced Oil Recovery at the Field Zhetybai (Kazakhstan)
Baghir A. Suleimanov, Naida I. Guseynova, Sabina C. Rzayeva, Oil Gas Scientific Research Project Institute, SOCAR; Gulnar D. Tulesheva, “KazNIPIMunayGas”

Building a Trend for Chemical Remediation Jobs in ACG
Parviz Allahverdiyev, Juan Anguiano, Brad Gathman, Farid Agayev; BP

Oil-Based Stimulation Fluid as Means of Production Acceleration
Assol Kubeisinova, Massimo Viti, Enzo Pitoni, Arman Izbassov, Maxim Moisseyev, Nartas Yessekenov, KPO; Ruslan Kalabayev, Yerzhan Sultanov, Schlumberger Logelco

Cost Effective Solutions in Project Management
Eric Meyer, TOTAL
Ali Naghiyev, BP

Cost effective solutions in project management in development of oil and gas fields requires the use of standardised processes, technology and advanced software tools to ensure that an accurate and reliable insight is given into the project progress and status. This session focuses on the value of system integration and technology application that economically optimise a variety of technological processes which take place in the production systems.

History Matching Water Breakthrough Timing Using Analytical Techniques
I. Siddiqui, H. Sharma, M. Mehta, K. Kannan, Shell Technology Center Bangalore

Diagnosing Multiphase Flow Regime in Multilayered Reservoir by Distributed Temperature Sensor Data
Nijat Mammadli, Haji Malikov, Arif Suleymanov, Azerbaijan State Oil and Industry University

Reservoir surveillance is one of the key elements of reservoir management, which aims to develop a consistent depletion plan. Advancement in surveillance technology and creative ways of utilising existing tools and techniques should improve reservoir management.

This session showcases use of DTS to monitor gas injection, analysis of well productivity changes and analytical water breakthrough estimates using production data and well logs.

Our principal producing asset is the Cheleken Contract Area in the eastern section of the Caspian Sea, offshore Turkmenistan. We have been honored and privileged to work with the Government of Turkmenistan for almost 17 years bringing mutual benefit through this fruitful collaboration.
TECHNICAL PROGRAMME  FRIDAY 2 NOVEMBER

1130-1330
Room: SPE Session Room 2
12 Risk and Uncertainty Management and Decision Making

SESSION CHAIRS:
Diana Shigapova, Roxar
Ali Sheydayev, BP

Decision making is a key step at any stage of the reservoir life cycle from exploration to asset development strategies and investment evaluation. Competitive prices for energy resources, complexity of reservoir structure and challenges in field development might lead to the fact that decision making involves a wide range of uncertainties and high risks for delivery of projects. In addition, taking into account the close linkages to the profitability of projects, the errors made in ultimate decisions could be extremely costly for field operators.

This session will feature some potential solutions for risk and uncertainty management based on real field cases. It will discuss a new assessment tool for value of decision-relevant information, comprehensive approaches to the risk evaluation while dealing with an offshore greenfield project and how to narrow the range of uncertainties for correct well planning and construction.

1130
189044
Value of Information and Risk Preference in Exploration and Production Oil and Gas Projects
Martin Vilela Ibarra, Gbenga Oluyemi, Andrei Petrovski, Robert Gordon University

1200
189042
Comprehensive Approach in Risk Assessment of ACG Field Pre-Fasila Formation Development
D. Machukaev, E. Makarova, Roxar Services LLC; O.Baghirov, A.Sultanov, SOCAR Upstream Management International LLC

1230
189047
Practical Staged Implementation of Digital Field with Short Term Benefits
Denis Gauder, IPCOS; Mikhail Koloskov, IPCOS; Dmitriy Sukhamera, TerraLink

HSE POSTER SESSION
The HSE Knowledge Sharing Poster Presentations will be made during coffee breaks during each day of the conference. We would encourage all delegates and visitors to take a moment during the session breaks to participate.

189051
Produced Water Treatment by Using Nanofibrous Polyvinylidene Fluoride Membrane in Air Gap Membrane Distillation
Rasoul Moradi, Masoud Mehrizadeh, Hassan Niknafs, Department of Chemical Engineering, Khazar University

189052
Everyone Engaged! – Driving Contractor Performance Through Advanced Safety Leadership Training Programs at Oil and Gas Assets
Ivan Ivanov, Annette Nienhaus, ERM

1230
189053
The Features of Psychological Safety of Oil and Gas Workers in the Arctic
Yana Korneeva, Northern (Arctic) Federal University; Natalia Simonova, Tamara Tyulubaeva, Northern (Arctic) Federal University

SPEAKERS’ BIOGRAPHIES

Abzetdin Adamov
Director, Center for Data Science Research and Training
ADA University

Dr. Abzetdin Adamov is Director of the Center for Data Science Research and Training and faculty member of the School of Information Technology and Engineering at the ADA University. He is a Founding General Chair of the IEEE International Conference on Application of Information and Communication Technologies and a Chairman of the International Forum – Big Data Day Baku.

He offers a number of modules in the graduate and undergraduate programmes of Computer Science and Engineering including Big Data Analytics, Web Data Mining, Large-scale Data Management, Internet Technologies, Web Programming and Design.

Dr. Adamov has over 20 years of working experience in cross-sectoral ICT research and application as a developer, solution provider and system designer. He initiated, managed and successfully deployed several large projects related to effective use of ICT for higher education management and administration.

He holds a Ph.D. in Computer Science from Southern Federal University, Russia.

Mustafa Babanli
Rector
Azerbaijan State Oil and Industry University

Professor Mustafa B. Babanli graduated from Kiev Technical University, Ukraine with a distinguished diploma in 1989. He received a Ph.D. degree from The Institute of Physics of Metals, Academy of Sciences of Ukraine in 1992 and received his Doctorate degree in 2008. He served as a researcher in the Academy of Sciences of Ukraine as an associate professor and professor at Azerbaijan Technical University and as a vice-rector of Azerbaijan Technical University. He has been the rector of Azerbaijan State Oil and Industry University since 2015.

His major field of research is analysis and synthesis of new smart materials, especially engineering of shape memory alloys by using experimental and computer aided approaches. His research breaks away traditional approaches to new material synthesis and selection. He proposed fuzzy and big data concept based approaches to new material synthesis to allow alternate hard

Ali Rashid Al-Jarwan
Chief Executive Officer and Managing Director of Exploration and Production Science Research and Training
Dragon Oil

Joining Dragon Oil in 2017, Al-Jarwan has over three decades of leadership and technical experience in E&P. He earned a B.Sc. degree in petroleum engineering from the University of Tulsa, Oklahoma, an MBA from the International Institute for Management Development in Switzerland, and a degree in General Management from the Cranfield School of Management in the UK.

Al-Jarwan has been Chief Executive Officer of Abu Dhabi Marine Operating Company (ADMA-OPCO) since June 2006. ADMA-OPCO is a major producer of crude oil and gas from the offshore areas of Abu Dhabi and operates two major fields: Umm Shaif and Zakum, which are considered to be among the world’s largest fields.

Al-Jarwan has received several recognition awards, including the Society of Petroleum Engineers (SPE) Regional Service Award in 1992, the distinguished SPE membership in 1999 and SPE/AIME (American Mining, Metallurgical and Petroleum Engineers) honorary membership in 2013. He has also chaired several international conferences such as GEO in 2002, the 8th HSE International Conference in 2006 and ADIPEC 2006, 2008 and 2012.

Dr. Abzetdin Adamov is Director of the Center for Data Science Research and Training and faculty member of the School of Information Technology and Engineering at the ADA University. He is a Founding General Chair of the IEEE International Conference on Application of Information and Communication Technologies and a Chairman of the International Forum – Big Data Day Baku.

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SPEAKERS’ BIOGRAPHIES

Ewan Drummond
Vice President, Azerbaijan, Georgia and Turkey (AGT)
Projects, BP

Ewan Drummond was appointed to the role of Vice President, AGT Projects in October 2016 and is based in Baku, Azerbaijan. In this role, Ewan is accountable for all BP operated and OBO projects in the Azerbaijan, Georgia, Turkey region. He is a member of both the GPO and AGT leadership teams.

In 2013, Ewan was appointed Vice President, Projects, Shah Deniz 2 and remains accountable for ensuring the safe, cost effective and competitive execution of Shah Deniz 2 projects. The Shah Deniz 2 projects represent the largest capital investment in BP today.

Ewan joined BP in 1984, and is a chartered Civil Engineer. He spent his early career as a site and design engineer, project engineer, then project manager of several UK & Norwegian North Sea projects. In 1998, he was appointed Project Director of the Magnus Enhanced Oil Recovery Project, which connected the gas from BP’s West of Shetland fields to the grid on the east coast of Scotland via Shetland and the Magnus reservoir. This project won the inaugural Helios Human Energy Award in 2001.

In 2000, Ewan joined the BP Upstream business in Indonesia, based in Jakarta, an assignment with initial accountability for delivery of the projects portfolio in Java which was expanded in 2004 to include accountability for the Java operations infrastructure.

In 2005, Ewan joined the Valhall Redevelopment Project as PGM based in Stavanger, Norway and in 2009, was appointed Norway Projects Director for Valhall and Ula.

In 2011, Ewan was appointed to the role of Vice President, Projects – Global Projects Organisation (GPO). He was based in Houston and responsible for the discipline and functional agenda for Project Management, Project Services, construction and commissioning.

A key focus of the role was building capability, particularly in the construction and commissioning disciplines. Additionally, the role was accountable for the implementation of the GPO stage gate review governance processes across the E&P projects portfolio, verifying that BP’s projects worked to MPcPv3 and ready to progress to the next phase.

Ramin Isayev
General Director
SOCAR AGS

Ramin Isayev obtained his first degree in Physics from Baku State University. He continued his studies both at Harvard University and MIT. Isayev has over 20 years of experience in the international oil industry working in companies including BP, Statoil, KCA DEUTAG and SOCAR.

Isayev has lectured at various universities in Azerbaijan and published a number of articles and books on the economy as well as the oil and gas industry.

He is currently the General Director at SOCAR AGS, a company providing integrated offshore oil and gas drilling and well services.

Farid Jafarov
General Manager
SOCAR Polymer

Farid Jafarov has been the General Manager of SOCAR Polymer LLC since July 2013. He joined SOCAR in 2009 as a Finance Director at SOCAR Trading, Singapore. In August 2010 he joined SOCAR Turkey Enerji A.S. as the Group Finance Director. In 2013 he was appointed as Managing Director to SOCAR Russia. Currently, Jafarov also holds the position of Deputy Vice President for Finance and Economy at SOCAR.

Prior to joining SOCAR, Jafarov worked as a Finance Director at Ansoi MMC, Moscow from 2002 to 2003, as a Corporate Finance Manager at Arter Group MMC, Moscow from 2004 to 2005, as a Project Finance Head at Russian–German Trade Bank, Moscow, from 2005 to 2006 and as a Director at IED Holding MMC from 2006 to 2009.

In 2000, he graduated from Manchester University, UK with a BA in Finance.

Mars Khasanov
Technology Director
Gazprom neft PJSC

Mars Khasanov holds a doctorate degree in technical sciences and a Ph.D. in physics and mathematics. Khasanov is Technology Director of PJSC Gazprom neft and General Director of the Science and Technology Center – corporate scientific and field development institution of Gazprom neft Oil Company. Prior to joining Gazprom neft, he served as Vice President of Science and Director of Corporate Technology Center at Rosneft Oil Company. Khasanov has authored or co-authored five books and more than 200 technical papers, including articles in OnePetro. He also has 60 patents. His professional interests include fluid flow in heterogeneous petroleum reservoirs, multiphase flow in reservoir and wellbore, economics of hydrocarbon development and recovery, application of systematic approaches to selection of well pattern density, completion and artificial lift technology, and production enhancement and optimisation.

Khasanov has been a member of SPE since 2001. In 2004 he was a student supervisor of the Moscow Institute of Physics and Technology and Russian Oil and Gas State University SPE student chapters. Between 2005-2006, he was a board member of the SPE Moscow Section. In 2009 he was awarded with a regional nomination for his contribution and development of SPE and in 2017 he was again awarded the nomination for his continued support of all SPE activities.

Since 2013 Khasanov has been a member of the SPE Regional Advisory Committee for Russia, becoming Co-Chair of this Committee in 2016. In 2016 he was a member of the ATCE Executive Advisory Committee. In 2012 he initiated and established a new section in St Petersburg, the SPE Northwest Russia Section.

Sergey Kolbikov
Head of Reservoir Engineering
NOVATEK

Dr. Sergey Kolbikov holds a Ph.D. in petroleum engineering and has worked in the petroleum industry for 43 years. He taught reservoir engineering courses in the Russian State University for Oil and Gas from 1980 until 1995. Kolbikov was one of the first authors for integrated reservoir/facility modeling and production optimisation for gas fields. For 13 years he was reservoir engineering consultant for oil production enterprises in Kazakhstan and Western Siberia. Since 2006 he works for JSC NOVATEK. He has published more than 50 papers, one monograph, made numerous presentations at domestic and international seminars and conferences. His areas of interest are in reservoir engineering, modeling, reserves estimation, oil, gas and gas-condensate field development, horizontal
Kolbikov joined the SPE in 1991 and participated in founding of the SPE Moscow section. Since then he served as a Treasurer, Programme Committee Chairman and the Chairman of the section. He now serves as a member of the Board of Directors. He is an expert in the area of State Committee for reserves.

Yves Le Stunff has been working for Total Exploration Production since 1996. As a geoscientist he has held various positions both in operations and in research and development, especially in seismic imaging. He has been involved in exploration and field development activities in various countries including Argentina and Libya.

From 2012 to 2015 he was in charge of Prospective and R&D Strategy for Total E&P and in September 2015 he was appointed E&P Digital Officer in charge of digital transformation.

He is a graduate in Physics from the Ecole Normale Supérieure of Paris, France and holds a Ph.D. in geophysics from the University of California at Berkeley, USA.

Oddvar Vermedal is President for Russia and Central Asia, Operations & Integration, a position he assumed in April 2012. Prior to his current role, he held various management positions including Vice President for East Asia including, Malaysia, Thailand, Vietnam, Brunei, Myanmar and Philippines; Vice President of Strategic Marketing; Vice President Marketing for Reservoir Characterisation Group;

Gokhan Saygi is President for Russia and Central Asia, Operations & Integration, a position he assumed in April 2012. Prior to his current role, he held various management positions including Vice President for East Asia including, Malaysia, Thailand, Vietnam, Brunei, Myanmar and Philippines; Vice President of Strategic Marketing; Vice President Marketing for Reservoir Characterisation Group;

Vice President Marketing for Wireline, and previously, Vice President for Middle East and Asia for Wireline.

Earlier in his Schlumberger career, Saygi held various field operations, human resource and leadership positions in Dubai, Iran, Turkey, UK, France and Malaysia. He began his career with Schlumberger in 1985 in wireline operations in Oman.

Saygi holds a Petroleum Engineering degree from the Middle East and Technical University in Ankara, Turkey and is a member (academician) of the Academy of Technological Sciences of the Russian Federation.

Saygi was honoured with the state award: Order of Friendship in accordance with Executive Order of President of the Russian Federation Vladimir Putin for significant contribution to the development of the oil and gas industry in Russia.

Formerly working for 16 years with Arco, Wiewiorowski co-ordinated operations in the United Kingdom, Dubai, Turkey, and the Netherlands and supported operations in Ecuador, Indonesia, and China. Wiewiorowski was also intricately involved in strategic planning. He established budgets, evaluated acquisitions and redevelopments, and created corporate-wide technology and technology-transfer plans. Among his other responsibilities were project engineering, finance, and negotiations.

Wiewiorowski speaks Polish, English, Russian, and Indonesian. He received a B.S. degree in chemical engineering from Louisiana State University in 1980. A member of the Society of Petroleum Engineers, he was named a Vice President of DeGolyer and MacNaughton in 1998 and Senior Vice president in 2001.

Gokhan Saygi
President, Russia & Central Asia
Schlumberger

Oddvar Vermedal
President, Russia & Central Asia
Vice President, IT
Statoil

Martin Wiewiorowski
General Director
DeGolyer and MacNaughton

Martin Wiewiorowski joined DeGolyer and MacNaughton in 1996 and is General Director of Operations for Russia and CIS and is responsible for the activities of DeGolyer and MacNaughton’s representative office in Moscow. Wiewiorowski has substantial experience worldwide, notably in the former Soviet Union. He oversees the company’s daily activities in Moscow and serves as liaison between that office and DeGolyer and MacNaughton’s headquarters in Dallas, Texas. Wiewiorowski carries out general marketing activities and engages in contract negotiations and client relations in this region. Formerly working for 16 years with Arco,
Registration
Event registration is located in the conference area foyer and is open from 0830 Wednesday 1 November. The registration desk is open throughout the conference for general queries.

Full-conference delegates (excluding students) receive a copy of the conference proceedings; entry to all conference sessions, poster displays; coffee break refreshments and lunches; and attendance at the welcome reception on 1 November.

Badges must be worn at all times. Please be prepared to show your photo ID to collect your badge. Students will be required to show a current, full-time student card.

SPE Badge Policy
All attendees are required to wear their name badge and badge holder at all times. Use of a badge by a person not named on the badge is grounds for confiscation. If you lose your conference badge, please return to registration to obtain a replacement. No one under the age of 15 is permitted in the exhibits during official show hours.

Coffee Breaks
Coffee breaks are open to all attendees and are served in the lobby area.

Sponsored by:

Lunches
Lunch is included in the registration fee and is served in the pre-function area at the following times:
Wednesday 1 November: 1230–1330
Tuesday 2 November: 1315–1415
Friday 3 November: 1300–1400

Sponsored by:

Welcome Reception
Please join us for the welcome reception taking place on Wednesday 1 November from 1700 to 1830 hours.

Conference Language
The conference is a tri-language event. All sessions will be presented in English and are translated into Azeri and Russian. Delegates will be asked to leave their ID card or Passport with the technician in order to obtain a headset.

Knowledge Sharing Poster Area
A variety of poster presentations are displayed throughout the duration of the conference in the coffee break area. We encourage all attendees to take a moment during session breaks to view these posters and listen to the short presentations made by their authors.

Digital Proceedings
One copy of the Proceedings is provided to all delegates. Proceedings are available at the registration desk and are delivered through OnePetro, the online library of technical literature for the oil and gas exploration and production (E&P) industry.

Sponsored by:

Author Check-In Room
Upon arrival at the venue, authors and speakers must check in at the author room to upload their presentations. The author room is located in Meeting Room 3. Authors are required to sign in upon arrival in the author room, and any no-shows will have their paper removed from OnePetro. Please meet with your session co-chairs 15 minutes before the start of your session.

Press Area
The press area is located in Meeting Room 4 and is managed by BCM.

Internet
Complimentary Wi-Fi is available throughout the conference venue. To access the service please use the following details:
Username: Fairmont
Password: Baku2015

Mobile/Cell Phone Policy
As a courtesy to the speakers and your fellow attendees, please turn off all mobile phones during meetings and sessions.

Photography Policy
All SPE sessions are protected by international copyright laws. Photography and video/audio recording of any kind are strictly prohibited in the sessions and throughout the poster area. Please note there is likely to be a designated event photographer present and photos may be used in upcoming future publicity as well as on the SPE website. If you have any queries or do not wish to have your photo taken, please notify a member of staff. You may also wish to bear in mind that it is likely there will be members of the media in the audience.

Alcohol Policy
We recognise the legitimate serving of alcoholic beverages in the process of conducting business and social activities. We also recognise that the use and consumption of alcohol carries with it the requirement for all attendees to consume those beverages responsibly and in keeping with our professional code of ethics and conduct. We strongly oppose the abuse and misuse of alcohol.

Smoking Policy
Smoking is permitted only in designated smoking areas of the building.

Sustainability
SPE is committed to ensuring that the environmental impact of our events is kept to a minimum. We aim to make progress in the field of sustainability through reducing energy usage, promoting eco-friendly mobility, reducing water consumption, and limiting waste. All core values in keeping with those of the oil and gas industry.
STUDENT DEVELOPMENT SUMMIT

The fourth SPE Regional Student Development Summit, will be held in conjunction with the Caspian Technical Conference and Exhibition (CTCE).

SPE Chapter officers from student chapters from Azerbaijan, Belarus, Kazakhstan, Russia and Uzbekistan will be gathered together in Baku aiming to increase their technical knowledge and discuss current industry situations and further progress. Soft skill activities and group projects will also be included. The aim of the Regional Student Development Summit is to enable students to gain a better understanding of the oil and gas industry in the Caspian region whilst being given the opportunity to network with peers, share ideas, meet with major industry figures and employers and also work together on joint technical projects.

Regional Student Development Summit Committee Members

SPE is thankful to the programme committee members who worked extensively in bringing this together. Each played an important role in shaping the overall theme and direction of the summit.

Committee
Aysha Ismailova, BP
Ainura Ismailova, SGS
Aysel Kazimova, BP
Khatira Mikaylova, Halliburton
Gumru Muradova, Halliburton
Ahmed Salmanov, SOCAR
Vlada Streletskaaya, Gubkin University

HOST SPONSOR:

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STUDENT PRIZE SPONSOR:

REGIONAL AWARD WINNERS

SPE Awards recognise members for their technical contributions, professional excellence, career achievement, service to colleagues, industry leadership, and public service.

2017 SPE Regional Award winners:

Distinguished Corporate Support Award
Halliburton
Drilling Engineer
Sanzhar Zharkeshov, Merlin ERD Ltd
Formation Evaluation
Elrad Iskakov, Tengizchevroil
Health, Safety, Security, Environment, and Social Responsibility
Elena Glebova, Gubkin University
Management and Information
Oleg Zhidaneev, Schlumberger
Reservoir Description and Dynamics
Konstantin Fedorov, Tyumen State University
Distinguished Achievement Award for Petroleum Engineering Faculty
Sidikhodzhaev Rakhim, Tashkent Polytechnic University
Production and Operations
Boris Nikitin, Gubkin University

Special Announcement

Please join SPE in congratulating Sameh Macary, Ph.D. Eng, Senior Petroleum Engineer, Dragon Oil, who was the recipient of the DeGolyer International Distinguished Services Medal, presented at the 2017 SPE Annual Technical Conference and Exhibition in San Antonio, Texas, USA. The award recognises those who have made significant technical and professional contributions to the industry, and those who have contributed exceptional service and leadership to the society.

Society of Petroleum Engineers
Great innovations come from great challenges

Statoil is an international energy company with operations in more than 30 countries. Our purpose is to accommodate the world's energy needs in a responsible and sustainable way. It’s not an easy task, but nothing gets our engineers going like a challenge. After all, the greatest innovations are often spurred by the greatest challenges. It’s what inspires us to keep pushing boundaries and finding better solutions.

No challenge, no change. Learn more at statoil.com

Statoil, The Power of Possible

Statoil in Azerbaijan 25 years

Solving challenges:
BP in Azerbaijan
25 years together

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