Under the Patronage of
His Highness Sheikh Jaber Al-Mubarak Al-Hamad Al-Sabah
Prime Minister of the State of Kuwait

Society of Petroleum Engineers

KOGS
Kuwait Oil & Gas Show and Conference

Conference
13–16 October 2019

Exhibition
14–16 October 2019

KUWAIT

NEW ENERGY TRANSITION:
DELIVERING VALUE THROUGH COLLABORATION AND CAPABILITY

CONFERENCE PREVIEW

Register online at kogs-expo.com

HOSTED BY

Kuwait Petroleum Corporation
and subsidiaries

SUPPORTED BY

EXHIBITION ORGANISERS

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www.kogs-expo.com
LETTERS OF SUPPORT

I am pleased to announce the support of the Ministry of Oil (MOO) and Kuwait Petroleum Corporation (KPC) for the fourth edition of the Kuwait Oil & Gas Show and Conference which takes place under the patronage of the Prime Minister of the State of Kuwait, His Highness Sheikh Jaber Al-Mubarak Al-Hamad Al-Sabah.

The stature of this major international oil and gas exhibition and conference benefits Kuwait’s international standing as one of the world’s leading oil producing nations, and mirrors the great strides we have made in the petroleum industry and in overseas activities. The current growth witnessed in Kuwait’s oil and gas industry holds much promise for domestic and foreign oil and gas service companies. Meeting at KOGS 2019 will facilitate an important technological exchange between industry leaders, professionals and government officials as we look to the future.

On behalf of the government, I would like to take this opportunity to welcome all exhibitors, conference speakers, delegates and visitors to the State of Kuwait and wish them a most successful participation at KOGS 2019.

His Excellency Dr. Khaled Al-Fadhel
Minister of Oil, Electricity & Water
STATE OF KUWAIT

Kuwait Petroleum Corporation (KPC) and subsidiaries is proud to lend its official support, once again, to the fourth Kuwait Oil & Gas Show and Conference to be held 13-16 October 2019.

KPC plays a leading role in accelerating the development of our nation’s oil and gas resources, whilst paving the way for homegrown capabilities and talent. As we continue to expand in all areas of our industry, KOGS 2019 assemblies a welcome level of expertise and serves as a timely arena for meaningful discourse and engagement. I am confident that the exchange of knowledge, technology and business prospects at this event will be of great benefit to all participants whilst contributing to the advancement of our industry.

KPC and subsidiaries look forward to joining hands with you to deliver a highly productive and successful exhibition and conference.

Hashem Sayed Hashem
Deputy Chairman &
Chief Executive Officer
KUWAIT PETROLEUM CORPORATION

Kuwait Petroleum Corporation
(KPC) and subsidiaries is proud to assemble a welcome level of expertise and serve as a timely arena for meaningful discourse and engagement. I am confident that the exchange of knowledge, technology and business prospects at this event will be of great benefit to all participants whilst contributing to the advancement of our industry.

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Hashem Sayed Hashem
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Chief Executive Officer
KUWAIT PETROLEUM CORPORATION

Returning to Kuwait for its fourth edition, the Society of Petroleum Engineers Kuwait Oil & Gas Show and Conference (KOGS 2019) brings together government representatives, key project owners, NOCs and IOCs, international service providers, EPC contractors, and consultants to address the evolving opportunities in the Kuwait and Middle East energy arena. Featuring 180+ companies, the show profile covers all areas of the industry including petroleum geosciences, exploration and production, and refining and petrochemicals. This next generation event attracts 6,000+ qualified professionals, while 200+ industry-leading experts share vital knowledge and understanding across the multi-disciplinary conference programme.

YOUR BUSINESS NETWORK UNDER ONE ROOF

CONNECT
Meet with new suppliers and potential partners and re-engage with existing clients

IDENTIFY
Find new business opportunities and markets to explore

DISCOVER
See the industry’s latest technologies first hand

NETWORK
Make valuable connections with today’s industry thought leaders
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Farida Ali Abdullah, Kuwait Oil Company

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Hatem Al-Awadi, KIPIC
Waleed Al-Bader, KNPC
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Hamad Al-Dalali, Baker Hughes, a GE company
Abdulnaser Al-Fulaij, Kuwait Petroleum Corporation
Abdul Hamid Al-Hashim, KISR
Anwar Al-Khabbaz, Weatherford
Bader Al-Matar, KUFPEC
Bader Al-Munaifi, Kuwait Oil Company
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Eissa Al-Safran, Kuwait University
Hassan Al-Shammari, Kuwait Oil Company
Mohammed Al-Shatti, Kuwait Petroleum Corporation
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Wafaa Al-Zaabi, Kuwait Petroleum Corporation
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Maria A. Capello, Kuwait Oil Company
Shakeer Fares, Petrofac
Osama Halim, Halliburton
Issam Hallal, Worley Parsons
John Hornbrook, DeGolyer and MacNaughton
Hussam Ali Marafie, GOFSO
Mohamad Mourad, Weatherford
Mohamed Abdualsalam Ali Omar, Australian College of Kuwait
Rajesh Puri, Schlumberger Kuwait

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**Programme Committee Co-Chairpersons and Conference Coordinators**
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Mohammed Al-Shatti, Kuwait Petroleum Corporation
Jawad Hussain Akbar, Kuwait Oil Company
Faisal Al-Adwani, Kuwait University
Mohammad Al-Bahar, Kuwait Oil Company
Mohammad Al-Bishara, Kuwait Oil Company
Ebtisam Al-Folad, KISR
Fahad Al-Ghanem, Kuwait Oil Company
Bader Al-Haddad, KIPIC
Fatma Al-Kandari, Kuwait Oil Company
Salem Al Khalifah, KNPC
Basel Al-Otaibi, Kuwait Oil Company
Mohammed Al-Otaibi, KIPIC
Khalifa Al-Qanaae, Schlumberger
Mortadha Turki I. Al-Saba, Australian College of Kuwait
Sara Alzaid, Baker Hughes, a GE company
Nada Borisly, Kuwait Shell Limited
Vladimir Caicedo, DeGolyer and MacNaughton
Amr Dahy, Alkhayyaf
Fabio Gonzalez, BP
Dominique Guérrillot, Texas A&M University at Qatar
Robert Imbrea, Weatherford
Amr Khafagy, Halliburton
Noha Najem, Kuwait Oil Company
Marwa Omar, Baker Hughes, a GE company
Abdurahiim Roberts, Baker Hughes, a GE company
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Shafqat Sheikh, GOFSO

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Weatherford

Updates after 11 September 2020 will not be reflected
## SCHEDULE OF EVENTS

### Sunday, 13 October | Hilton Kuwait Resort, Mangaf

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>0800</td>
<td>SPE Seminar: Operational Excellence in Facilities and Major Capital Projects</td>
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<tr>
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<td>SPE Seminar: Well Production Optimisation</td>
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### Sunday, 13 October | Jaber Al-All Concert Hall, Sheikh Jaber Al-Ahmed Cultural Centre (JACC)

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### Monday, 14 October | Kuwait International Fair, Mishref

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<td>Exhibition Opening Ceremony and Coffee Break (Hall 6)</td>
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<td>0900</td>
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<tr>
<td>1000</td>
<td>Panel Session 1: Energy Outlooks as an Empowering Strategy</td>
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<tr>
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<td>Session 1: Paradigm Shifts in Reservoir Management I</td>
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<td>1200</td>
<td>Session 3: Cutting Edge in Drilling and Completion I (10:30-12:00)</td>
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<tr>
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<td>Panel Session 2: Assuring Value Delivery Through Operational Excellence</td>
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<td>1500</td>
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<td>Panel Session 4: Optimising Project Cycles and Competitive Scoping</td>
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<td>Session 12: The Path to Capability Development</td>
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<td>Special Session 4: Young Professionals Development</td>
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<td>1445</td>
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<td>Session 17: Digital Technology—Best Practices</td>
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<td>Session 18: Excellence in Project Assurance</td>
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<td>1515</td>
<td>Session 19: Reservoir Description and Risk Mitigation: Best Practices</td>
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<tr>
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<td>Emerging Professionals Forum</td>
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### Wednesday, 16 October | Kuwait International Fair, Mishref

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<tr>
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<td>Registration and Speaker Check-In (Near Hall 6)</td>
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<td>0830</td>
<td>Special Session 5: Capitalising on Diversity</td>
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<tr>
<td>1000</td>
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<td>Special Session 7: Business, Management, and Leadership (BML)</td>
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CONFERENCE OPENING CEREMONY

Conference Opening Ceremony

13 October | 1800–1900  
Jaber Al-Ali Concert Hall, Sheikh Jaber Al-Ahmed Cultural Centre (JACC)

Patronage

His Highness Sheikh  
Jaber Al-Mubarak  
Al-Hamad Al-Sabah  
Prime Minister  
STATE OF KUWAIT

Speakers

His Excellency  
Dr. Khaled Al-Fadhel  
Minister of Oil, Electricity and Water  
STATE OF KUWAIT

Hashem Sayed Hashem  
Deputy Chairman and Chief Executive Officer  
KUWAIT PETROLEUM CORPORATION

Sami Alnuaim  
2019 SPE President  
SAUDI ARAMCO

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Executive Plenary Session: The New Energy Transition: Policy and Sector Prescriptions

Moderator

Nader Sultan  
Senior Partner  
F AND N CONSULTANCY

Speakers

H.E. Mohammad Sanusi Barkindo  
Secretary General  
OPEC

Charles O. Holliday  
Chair of the Board  
ROYAL DUTCH SHELL

Musab Al-Mahruqi  
Group CEO  
OMAN OIL AND ORPIC GROUP

Sheikh Nawaf S. Al-Sabah  
CEO and President  
KUFPEC AND KPI

Although overall energy demand will increase with worldwide economic and population growth, the energy mix will evolve over the next few decades. Some economies are pushing toward rapid decarbonisation through mandated phasing out of fossil fuels as energy sources, while other economies are changing the mix of fossil fuels to decrease carbon emissions over time yet still relying on fossil fuels. Still others believe that their opportunity to exploit the cheapest fossil fuels for basic economic survival is only beginning. The oil and gas industry is responding to the new energy transition through various, sometimes incongruous, prescriptions.

This plenary session will examine how policymakers and business leaders drive the industry’s adoption of a lower carbon economy. What will the energy companies of today look like in 2040? What role will Gulf oil producers play at that time? How will producing countries develop their economies in the meantime?
Panel Session 1:
Energy Outlooks as an Empowering Strategy

14 October | 1000–1130
Room 1, Hall 7, Kuwait International Fair

Moderator

Haitham Al-Ghais
Manager
Market Research Department
International Marketing
KUWAIT PETROLEUM CORPORATION

Speakers

Ayedh Al-Qahtani
Director Research Division
OPEC

Helima Croft
Managing Director
Global Head
Commodity Strategy
RBC CAPITAL MARKETS

Edward L. Morse
Managing Director
Global Head
Commodities
CITI RESEARCH

Amrta Sen
Director
Research and Chief Oil Analyst
ENERGY ASPECTS

We are in the centre of an energy revolution. Consumer preferences, environmental concerns, economic landscapes, and technologies are changing rapidly. The huge oil and gas reserves of the Middle East must be properly deployed against expected world demand. Too much supply is as damaging to global economic growth as too little supply. Proper energy planning requires intelligent outlooks.

This panel will explore the future of hydrocarbons in the world energy mix and how some companies in the region are already taking bold steps to include non-conventional energy sources as part of their current or future business. The panelists will also share their insight on various elements that shape their energy outlook scenarios into the future, such as: legislation, geopolitics, technologies, economic frameworks, population growth, consumer preferences, and costs.

Panel Session 2: 
Assuring Value Delivery Through Operational Excellence

14 October | 1500–1630
Room 1, Hall 7, Kuwait International Fair

Moderator

Ali Al-Kandari
Deputy CEO (North Kuwait)
KUWAIT OIL COMPANY

Speakers

Wadha Ahmad Alk hateeb
Deputy CEO
Mina Abdulla Refinery
KNPC

Mark Ellis
Operations Manager
SHELL

Anders Hatteland
Vice President Middle East Development and Production International
EQUINOR

Mark Taylor
Technical Director and Contract Manager, KIPIC Al-Zour Project
BP

Strategies that improve asset integrity reduce executives’ time focused on operational readiness. This type of operational excellence allows management to concentrate its time and efforts toward growing the business.

Successful operational excellence strategies include integration with service providers, implementation of integrated KPIs, creation of networks of excellence, development of a high-performance culture in employees, and increased automation, communication, and visibility of operational processes.

Panelists in this session will provide insights on the recent developments in operational excellence, with examples and results that will illustrate the challenges and opportunities lying ahead.
Panel Session 3: Integrating Technology Across the Value Chain

15 October | 0830–1000
Room 1, Hall 7, Kuwait International Fair

Moderator

Bader Al-Munaifi
Deputy CEO (SEK)
KUWAIT OIL COMPANY

Speakers

Michael Ingraham
Vice President
Refining Technology and Engineering
BP

Nadia Al-Hajji
Deputy CEO
Projects and Business Development
PIC

Azzam Al-Mutawa
Executive Vice President
Marketing
KPI

Joachim De Vos
CEO
TOMORROWLAB

The value chain has received increased attention as geopolitical unrest, global competition, growing demand, price volatility, industry consolidation, mounting operating expense with stricter accountability to the environment, and public safety continue to put pressure on energy markets. Successful value chain management enables organisations to reduce costs while simultaneously maximising recovery of resources. Technological innovation is the key to deliver a stepwise change in order to optimise return on investment and augment operational enhancements.

This panel session discusses how technology can be integrated with traditional business solutions to deliver cost-effective value to departments and individuals in an organisation. The focus will be on new technologies across the value chain: from exploration to shipping, from refining to distribution, and from petrochemicals to products.
Panel Session 4:
Optimising Project Cycles and Competitive Scoping

15 October | 1045–1215
Room 1, Hall 7, Kuwait International Fair

Moderator

Walid Al-Nader
Managing Director and
Chairman
SHELL KUWAIT

Speakers

Hatem Al-Awadhi
Acting CEO
KIPIC

Sherif Foda
Chairman and CEO
NATIONAL ENERGY SERVICES
REUNITED CORPORATION
(NESR)

Zaher Ibrahim
President and CEO
Saudi, North Gulf and East
Mediterranean
BAKER HUGHES, A GE COMPANY

Richard Rae
Project Director
WOOD GROUP

Top industry players are reshaping project designs and optimising cycles to ensure competitiveness. They are succeeding through a paradigm shift in philosophy: challenging conventional contracting processes, standardising solutions, and adopting a risk-informed project management framework.

Panelists in this session will share their insights on some key questions: What is the framework for optimising a project lifecycle? What leadership is required to carry out the change required? Do we need capital efficiency and discipline? How competitive can scoping help the whole process of changing the overall business philosophy? What are the risks involved in this change and how best can this be mitigated?
Panel Session 5:
Developing Capabilities for the New Energy Economy

16 October | 1045–1215
Room 1, Hall 7, Kuwait International Fair

Moderator

Nouf Al-Abdul Razzaq
General Manager
Kuwait and Qatar BP

Speakers

Bader Al-Attar
Deputy CEO, Planning and Commercial
KUWAIT OIL COMPANY

Shaima Al-Ghunaim
DMD planning
KUWAIT PETROLEUM CORPORATION

Yousuf Al Ojaili
President, Oman BP

Dean Bell
President Well Construction
WEATHERFORD

The new energy transition has triggered strategies and action plans to promote technical and leadership capabilities in all key stakeholders: oil and gas producers and consumers, researchers, innovators, non-conventional energy producers, eco-experts and legislators.

The competencies and capabilities of future energy professionals will help them manage tomorrow’s challenges effectively and contribute toward a successful industry future.

Panelists in this session will share their insights on some key questions: Are we customising training for the new energy future? Do we effectively facilitate the acquisition of skills for early adoption of technologies and disruptive changes? Is our corporate capability, in terms of facilities and leadership, ready to ensure oil and gas sustainability? What is critical to shape individuals to focus on energy saving, monitoring, and efficiency? What motivates the society at large to shift energy models? How can energy talent specific to oil and gas enable the new energy future?
Special Session 1: Unconventionals

14 October | 1330–1430
Room 1, Hall 7, Kuwait International Fair

Moderator
Abdulla Al-Affassi
Corporate Manager Planning KUFPEC

Speakers
Khalid Al-Mulla
Manager North America and Australia Region KUFPEC

Richard Corfield
Director Unconventionals BP

Qasem Dashti
ETSA Team Leader KUWAIT OIL COMPANY

John Hornbrook
Senior Vice President DEGOLYER AND MACNAUGHTON

Peter Jensen
Field Development Manager SHELL

The exploitation of unconventional hydrocarbons is still in its early stages and there are grey areas in the evaluation procedures, including estimation, classification, and reporting that are not entirely agreed upon by the industry. Therefore, differences in the reserves estimation and classification across organisations generate uncertainty towards best practices.

This session will address guidelines to adhere to best practices in areas like:
- The determination of production characteristics and commercial viability
- Asset resource and reserves valuation
- Probabilistic resource and reserves estimation under limited information and narrow range of parameters
- Field development plans, e.g. development, technology, operational, monitoring and abandonment plans
- The use of analogs
- Unconventional reserves reporting process review, deviations from SPE/PRMS, and gap-filling work plan

The industry is still coming up the “learning curve” and there is significant potential for experts in this session to provide significant upside to E&P companies.
Recently the whole world is digitising in many aspects and forms in both personal and professional environments. Digitisation is not an option but the way forward and delaying it will only keep us behind in terms of development.

In the business world, there are companies that have flourished and others that have collapsed because of digitisation. The kind of goods and services, payment methods, logistics, and in general, economic factors have changed a lot in the business world after digitisation.
Special Session 3:
Offshore

15 October | 1045–1215
Room 4, Near Hall 6, Kuwait International Fair

Moderator

Eissa Al-Maraghi
Manager Fields
Development Group
(West Kuwait)
KUWAIT OIL COMPANY

Speakers

Mohammed Dawwas Al-Ajmi
Manager Exploration
KUWAIT OIL COMPANY

Khaled O. Elsheikh
Vice President Artificial Lift
ALKHORAYEF

Fabio Gonzalez
Senior Reservoir Advisor
BP

Richard King
Country Manager Australia
KUFPEC

Offshore exploration and production of oil and gas is one of the most prominent business activities in the E&P sector. Capital projects such as subsea infrastructure, offshore platforms, pipelines, and production facilities span the Americas, Europe, Middle East, Africa, Asia, and Australasia and involve billions of dollars of investment in creating the infrastructure required to extract and transport resources to global markets.

Successful offshore E&P activities have required collaboration between operators, governments, oilfield services and technology companies to manage risk and cost, identify and implement good planning and decision frameworks to extract maximum returns from the value chain, and innovate to enhance performance, remove barriers, and tap new resources.

This session will consider:

- Areas of key successes in the offshore sector including seismic, drilling and subsea/surface facilities in enhancing project viability and lessons learnt
- Trends and innovations which are aiding to further improve commercialisation of offshore resources (deep and shallow)
- Key challenges to operators, governments, and service/technology providers which need to be given consideration when embarking on offshore exploration, development, and production activities
- Frameworks for planning, risk management, and front-end loading by operators for offshore projects
- Government and regulatory experiences in contributing to sustainable growth in offshore resources development
By 2025, the Gen Y, also called millennials, are expected to make 25% of the workforce. And the new Gen Z is expected to enter the workforce this year. The inclusion of these new segments in the workforce, challenges and motivates the leadership to create a path for sustainability, and especially so in the energy sector, where a huge transformation is taking place and the new generations will have to lead the roadmap. New and creative ways of fully engaging the younger workforce need to be in place, taking into consideration their very different styles of motivation, communication, learning, and leading.

The mix of digital savvy with digital natives opens opportunities for talent management, understanding that Gen Z craves innovation and entrepreneurship, and are extremely comfortable at multitasking. A much shorter attention span, enhanced creativity, innovative approaches to problems, and incredible self-reliance and pragmatism, are characteristics that call for a reshaping of professional development plans for new hires and the young generation at work.

The speakers will share their insights on how career development works in their organisations in this new environment, addressing what new approaches or tools are enabling this transformation, focusing on what role did technology play to embrace all styles co-existing at the workplace, with a special focus on their approach to Gen Z.
Oil and gas operators and suppliers feel an obligation to strive for gender diversity in all areas of their business, it’s of social importance. But beyond that, there are vital business drivers, too. There is a shortage of qualified workers in our industry, particularly in engineering, scientific and technical disciplines. As women comprise more than half our population, gender diversity in the workforce can be achieved through manpower planning and policing implementation, making it a requirement in all future oil and gas developments.

As part of the oil industry efforts to attract more females with backgrounds in engineering, analytics and IT among others, we need to promote the transformative role of technology. The industry should highlight that new automated systems and easier-to-operate equipment have removed the argument that it is too physically demanding or culturally inappropriate for women to work in the field.

The introduction of new technologies offers opportunities for new types of professions such as data engineers, data scientists, data analysts, IT professionals.
Special Session 6: How R&D Can Transform the Oil and Gas Industry

16 October | 0830–1000
Room 4, Near Hall 6, Kuwait International Fair

Moderator

Peter van Welsenes
General Manager Wells
SHELL KUWAIT

Speakers

Waleed Albazzaz
Associate Research Scientist
KISR

Abdullah Alotaibi
Team Leader R&D Group
KUWAIT OIL COMPANY

Suad Al Radhwan
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Managing Director
Dhahran Technology Center
BAKER HUGHES, A GE COMPANY

In an increasingly technology-driven world, the oil and gas industry is changing in two fundamental ways. Firstly, with majority of the world’s ‘easy oil’ already exhausted, the importance of utilising sophisticated technologies to find and produce tomorrow’s hydrocarbons is becoming increasingly imperative.

Secondly, high profile disasters have resulted in a significant shift in the expectations of the oil and gas industry in regards to safety, environmental stewardship, and human welfare. Thus, in the face of these challenges, technology and innovation will play a pivotal role in the success or failure of the future of oil and gas firms. Therefore, to answer the question of “how can oil and gas companies succeed in an industry where supply is limited and expectations are high?”, it is through investing in R&D to drive innovation and create new and improved technologies. Several international and national oil companies have increased their spending on R&D dramatically over the past years, which has correlated with higher stock prices.

In this special session, speakers will share their views of their current R&D models and efforts, highlighting their successful experiences and future expected outcomes.
Special Session 7: Business, Management, and Leadership (BML)

16 October | 1045–1215

Room 2, Hall 7, Kuwait International Fair

Moderator

Mohamed Al-Maraghi
Manager Business Development
KUFPEC

Speakers

Bashar Al-Khashti
Team Leader
Training and Career Development
KUWAIT OIL COMPANY

Salma Hajjaj
General Manager
Human Resources
GULF BANK

Hosnia Hashim
Board Chairperson
KPC ENERGY VENTURES

Husain Ali Sanasiri
Manager
Training Planning and Support
KUWAIT PETROLEUM CORPORATION

Rob Taylor
Vice President and Instructor
Global Business Development
IHRDC

The dynamics of professional interactions, influence, power, politics, and leadership styles at work shape an intricate net of challenges for any professional at any stage of their career. Nevertheless, this net also offers opportunities for advancing individual careers and corporations into new heights. This special session is composed by a number of leaders selected or associated with the SPE Business, Management, and Leadership committee.

These leaders will address the main traits, skills and attributes to be developed by professionals in energy to advance a successful career, for technical or managerial purposes. They will share their insights on this topic, using their global experience in forging leaders for complex organisations, especially focusing on oil and gas.

BML is an SPE initiative to foster the development of non-technical skills in the membership, which are considered vital to advance a career in oil and gas. Formerly called the soft skills committee, the role of the BML committee is to provide venues for professional growth in addition to technical development opportunities. The BML international committee is also charged with identifying gaps between the nontechnical skills that members need and those currently provided by SPE, and making recommendations to fill these gaps.
HSE is paramount to all industries, and particularly so in oil and gas, where the human talent is exposed on a daily basis to hazardous conditions, and combustible fluids in operations that span all continents and are executed in all ranges of risk: from offshore platforms in deep-sea to the Artic, and from harsh desert climates to endangered ecosystems.

This session will address key elements in HSE valuable for the sustainability of our industry, with a special focus in the Middle East and particularly in Kuwait. Additionally, the session speakers will cover several of the most important topics specifically related to ecological preservation, health of the workforce, safety of oil installations and its personnel, and health monitoring practices. Given the oil industry path of Kuwait, a particular emphasis will be on recent trends in fire prevention, remediating, and monitoring strategies. Speakers will also discuss about the challenges and successes attained in the unification of standards in handling of hazardous materials, the application of new world fire codes in oil and gas, and the workflows related to protect the oil sector personnel and facilities from natural or human-caused risks.
SPE Seminar: 
Operational Excellence in Facilities and Major Capital Projects

13 October | 0800–1600
Hilton Kuwait Resort, Mangaf

This course will emphasize how the application of operational excellence to field/project development plans ensures safe, reliable, sustainable, and cost-effective operations with minimal impact to the environment throughout the life cycle of the asset. It will examine how the application of operational excellence principles at various stages of the project can deliver the desired results and outcomes. The course will also cover:

- The benefits of operational excellence
- Process safety management
- Facilities design and construction
- Why improvement initiatives sometimes fail
- Effective management of CAPEX and OPEX
- Success factors that help drive improved sustainable performance
- Problem solving methods and tools
- Management of change
- HSSE

Learning Level
Intermediate

Why Attend
To gain an understanding in operational excellence requirements during the design, construction, commissioning and start-up phases of projects and to ensure safe and reliable operations and maintenance throughout the lifetime of the asset.

Who Attends
- Managers and team leaders in field development and asset management.
- Facility, process safety, project and operations engineers, and HSSE personnel.
- Any non-technical personnel looking to get an understanding of operational excellence in oil and gas operations and projects.

CEUs
0.8 CEUs (Continuing Education Units) are awarded for this 1-day seminar.

Instructors
Abdullah Al-Shoraian Al-Mutairi joined KUFPEC in January 2016 and is currently the operations manager in KUFPEC’s Indonesia office. Prior to KUFPEC, Abdullah began his career in oil and gas in 2006 with Chevron Corporation in Houston, Texas. While at Chevron, he worked on different assignments both onshore and offshore that included major capital projects, deepwater exploration and production in the Gulf of Mexico, operations in Gulf of Thailand, and unconventional hydrocarbon development in Alberta, Canada. His assignments had him working in Houston, TX (USA), Dubai (UAE), Bangkok (Thailand), and Calgary (Canada). Abdullah graduated from Pennsylvania State University in 2004 with a bachelor of science degree in petroleum and natural gas engineering and minors in political science and economics, followed by a masters of science degree in industrial health and safety in 2006. Abdullah is fluent in several languages.

Hanafi Younes joined KUFPEC in 2016 and is currently a senior specialist facilities engineer in the technical support department supporting KUFPEC’s global operations and business development. With over 20 years in the oil and gas industry, Hanafi began his career as a facility engineer supporting base business oil and gas production operations of assets on the continental shelf and deepwater Gulf of Mexico, USA. Hanafi’s career advanced and progressed into more challenging roles in base business operations offshore Angola and DRC in West Africa before being assigned to major capital projects, holding various leadership positions, in different phases of development and scopes covering multiple international locations that included Nigeria, Indonesia, and Kuwait. Hanafi holds a bachelors and masters degree in mechanical engineering and business administration from Northeastern University and Arizona State University.
SPE SEMINARS

SPE Seminar:
Well Production Optimisation

13 October | 0800–1600
Hilton Kuwait Resort, Mangaf

Production optimisation has become currently one of the most critical aspects for well/reservoir management. This seminar will cover the following aspects: nodal analysis, formation damage, quantification of formation damage, pressure transient analysis, intervention benefit, and artificial lifting (ESP).

Learning Level
Intermediate

Why Attend
Every oil company, national, international, or an independent company is working on achieving their economic goals by optimising well deliverability. Participants will learn how to evaluate actual well performance and how to optimise well deliverability.

Who Attends
• Reservoir engineers
• Petroleum engineers
• Production engineers
• Team leaders
• Production geologists
• Field operators

CEUs
0.8 CEUs (Continuing Education Units) are awarded for this 1-day seminar.

Instructors

Fabio Gonzalez is currently a reservoir engineering advisor with BP on assignment in Kuwait. He has 28 years of service to the industry. His experience with service companies, integrated oil and gas companies, independent and national oil and gas companies as a field engineer, petrophysicist, production engineer, reservoir engineer and production and reservoir engineering advisor in South America, North America, Africa and the Middle East, has given him the knowledge and experience to holistically approach technical problems and propose solutions to clastic and carbonate reservoirs.

His global experience includes 20 years in offshore deepwater projects in Gulf of Mexico, USA, and Africa where he has participated in the whole value chain from exploration to development including financial analysis.

His greatest technical passion is pressure transient analysis as a key to unlock production optimization and reservoir management opportunities; an area he always advocates and has applied for 22 years.

Siyavash Motealleh is a senior reservoir engineer with 10+ years of experience in classical reservoir engineering, including pressure transient analysis (PTA), rate transient analysis (RTA), material balance, etc. with BP. Siyavash is currently in an assignment in Kuwait working with the Greater Burgan study team.

Siyavash worked both in onshore and offshore US assets. Before joining BP Kuwait team, Siyavash was lead classical reservoir engineer in unconventional reservoir technology (URT) team with responsibility of supporting asset teams on PTA/RTA and any production transient data for surveillance, diagnosis and well performance prediction. Siyavash also has led the production enhancement program for URT team. Siyavash received his MSc degree in Applied Earth Science at TU Delft, and a PhD in Petroleum Engineering at UT Austin. He is the author of more than 25 reports, internal company best practices, and technical articles in his field. Siyavash is also the co-author of a patent in the area of reservoir pressure measurement. His area of expertise includes pressure transient analysis, classical RE techniques, and pore-scale petrophysics.
Emerging Professionals Forum

16 October | 0830–1500  
KOC Ahmed Al-Jaber Exhibition Centre for Oil and Gas

The vibrant years of university studies are those that shape the goals, aspirations, knowledge and skills of the professionals of the future. Beyond their professors, the students seldom have a direct contact with top leaders of the industrial sector they will be working for.

This forum will aim to put in direct contact key top role models of the oil and gas sector of the State of Kuwait with a large representation of senior-year students of Kuwait University, the most important university of the country, and a selection of private universities.

The event will enable a fruitful exchange to and from the audience with the leaders, and an opportunity for the young to express their concerns, insights and hopes in their own voice.

The main focus will be centred around the question “How can I contribute to the future of the energy sector in Kuwait?”

Keynote Speaker
- Bader Al-Munaifi, Deputy CEO (SEK), Kuwait Oil Company

Panel Speakers
- Eissa Al-Daihani, Team Leader Technical Personal Development, Kuwait Oil Company
- Eissa Al Safran, Professor, Department of Petroleum Engineering, Kuwait University
- Ali Al Gheithy, General Manager ETSA NKHO with Kuwait Oil Company, Shell
- Emad Al-Ajmi, OFS Account Executive, Kuwait and Qatar, Baker Hughes, a GE company
- Rajesh Puri, Managing Director Kuwait, Schlumberger

Committee Members
- Jassem Al-Kandari, Team Leader Greater Burgan Studies, Kuwait Oil Company
- Ahmad Al-Naqi, Team Leader Field Development Heavy Oil (NK), Kuwait Oil Company
- Wafaa Al-Ghanim, Senior Petroleum Engineer, Kuwait Oil Company
- Haya Al-Hashash, Senior Geologist, Kuwait Oil Company
- María A. Capello, Consultant 1, North Kuwait, Kuwait Oil Company

Participating Universities
A select number of senior and post graduate students from different disciplines have been invited to this event. The following universities are participating:

- Australian College of Kuwait
- American University of Kuwait

Register online www.kogs-expo.com