SPE International

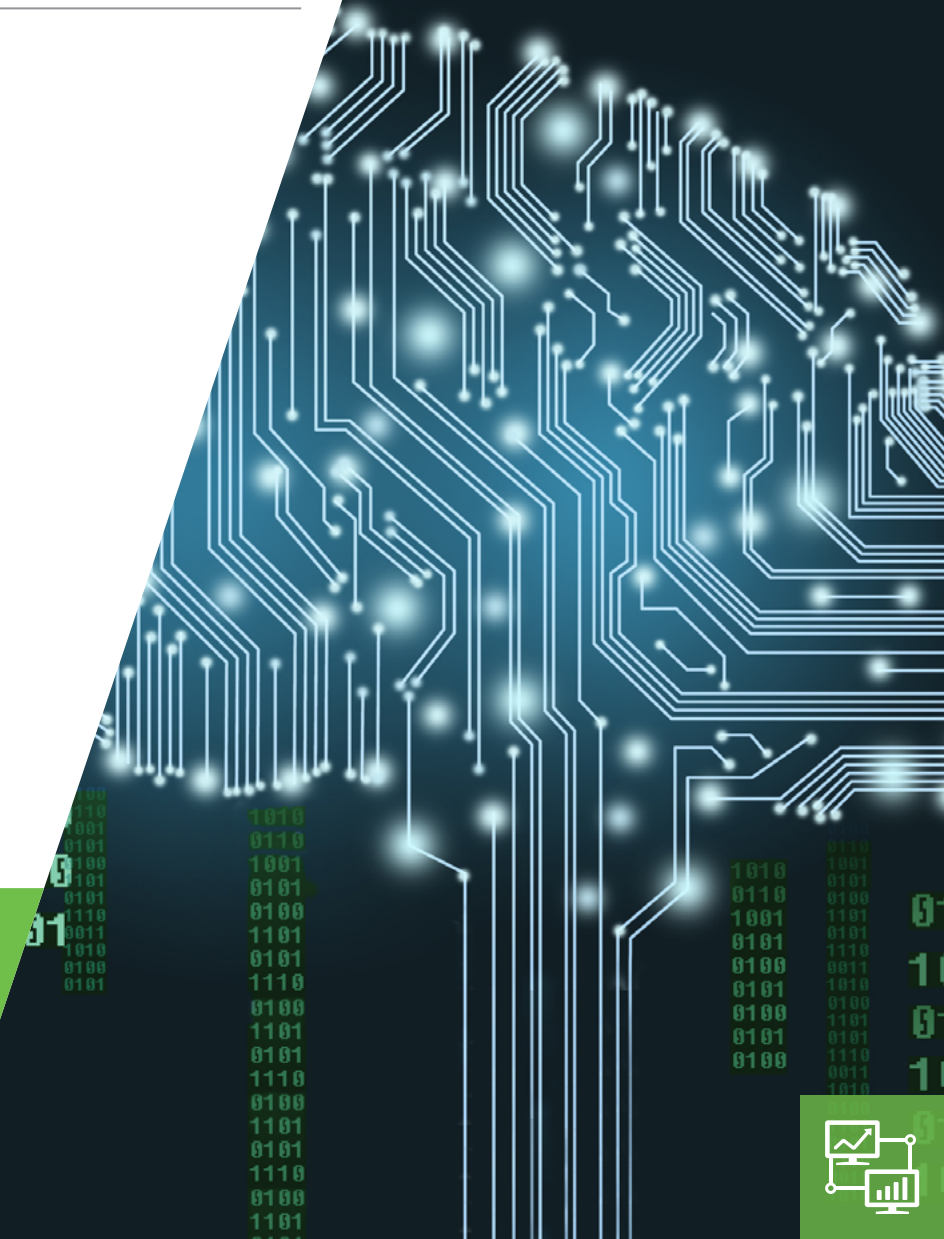**Society of Petroleum Engineers**

aramco

SPE Symposium: Leveraging Artificial Intelligence to Shape the Future of the Energy Industry

17–18 January 2023

Kempinski Al Othman Hotel, Al-Khobar, Kingdom of Saudi Arabia

Post-Event Report
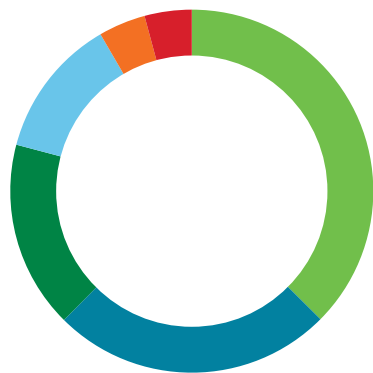
go.spe.org/ai2023

About the Symposium

As the world is rapidly transitioning to a digital future, the oil and gas industry must maximise the capabilities of Artificial Intelligence (AI) by leveraging IR4.0 technologies. A key challenge the industry faces today is making these technologies available to decision-makers across disciplines in a way that allows everyone to benefit with the insights that they can trust.

This symposium provided a platform for industry leaders, experts, and professionals to share cross-functional expertise, knowledge and science in the AI domain. It showcased the groundbreaking innovations and key enablers for successful digital transformation. It also facilitated networking and skill building through first-hand interactions with fellow industry colleagues, peers, and executives.

Attendee Statistics

These statistics provide a snapshot of the professional classifications, and geographical breakdown of the attendees that participated in this symposium. The event attracted 607 professionals from the industry representing 72 organisations and 22 countries.
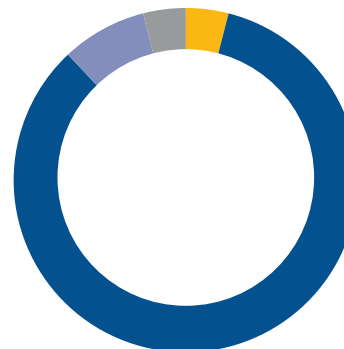
Technical Interests

Data Science & Engineering Analytics		37%
Drilling		25%
Health, Safety, Environment, and Sustainability		17%
Reservoir		13%
Management		4%
Production and Operations		4%

Job Classifications

Student		40%
Engineer		16%
Manager		8%
Research and Development		8%
Other		8%
Consultant		4%
Educator		4%
Executive		4%
Geologist or Geophysicis		4%
Business Operations		4%

Geographic Region

Middle East		84%
Russia/Caspian		8%
Canada		4%
Asia/Asia Pacific		4%

All the above information is based on the attendee survey report.

What did attendees say?

" I found this to be a fantastic event. "

" An important platform to discuss about non-metallic solutions. "

" Coming to the SPE event has been instrumental in allowing us to actually engage with many of the key operators in this region. "

" We had a great opportunity to meet our end users, meet people like us who are promoting the technologies, and to learn from each other. It's a great networking opportunity for us. "

Feedback based on 2023 survey results.

Committee

Committee Chairperson

Anas Al-Shuaibi
Saudi Aramco

Committee Members

Adrian Bird
Accenture

Mouza Al Houqani
ADNOC

Richard David
ADNOC

Yassir Miladi
ADNOC

Saifuddin Sheikh
AspenTech

Feras Zare
Baker Hughes c3ai

Meshaal Ergesous
Baker Hughes

Sharon Howe
CGG

Gunnar Staff
Cognite

Morgan Eldred
Digital Energy

Aarti Dange
Emerson

Khaled Awad
Geolog International

Ahmed Garwan
Halliburton

James Aguas
Halliburton

Eyad Buhulaiga
Microsoft

Adel Bdeir
NESR

Abdulrazzak Hussain
Olayan Saudi Holding Company

Rami Almushcab
Olayan Saudi Holding Company

Nabil Albulushi
PDO

Hamood Meraj
Petrolink International

Anak Bt Karim
PETRONAS

James Lang
Quorum Software

Satyajit Dwivedi
SAS

Fawwaz Alkhaldi
Saudi Aramco

Abdulaziz Alnuaim
Saudi Aramco

Saud Alquwaizani
Saudi Aramco

Mohammed Altwaijri
Saudi Aramco

Nauman Aqeel
Saudi Aramco

Salem Dousary
Saudi Aramco

Serkan Dursun
Saudi Aramco

Sameh Elafifi
Saudi Aramco

Abdulhamid Faleh
Saudi Aramco

Razen Harbi
Saudi Aramco

Mohammed Kanfar
Saudi Aramco

Hasan Nooruddin
Saudi Aramco

Salim Zahrani
Saudi Aramco

Amira Mohsin
Schlumberger

Rajesh Sharma
Schneider Electric

Salem AlGharbi
SDAIA

Nassar AlAwami
Independent

Khalid AlDossary
TAQA

Gerhard Thonhauser
TDE

Faisal Albahoot
TechnipFMC

Wael Ziadat
Weatherford

About the Society of Petroleum Engineers

The Society of Petroleum Engineers (SPE) is a not-for-profit professional association with more than 119,000 members in 138 countries engaged in the exploration and production of oil and gas and related energy resources. SPE is a key technical and professional resource providing opportunities to exchange information at in-person and online events and through training, publications, and member programs. SPE maintains offices in Calgary, Dallas, Dubai, Houston, Kuala Lumpur, and London.

SPE Symposium: Leveraging Artificial Intelligence to Shape the Future of the Energy Industry

Opening Session

Speakers

Anas Al-Shuaibi
Symposium
Chairperson and
Division Head
Reservoir Management
Saudi Aramco

Waleed Al Mulhim
Senior Vice President
of Petroleum
Engineering and
Development
Saudi Aramco

Hesham Zubari
SPE Regional Director
and CTIO
Dragon Oil

Executive Plenary Session: Leveraging Artificial Intelligence to Shape the Future of the Energy Industry
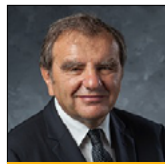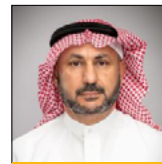
Speakers

Umar Al Nahdi
Manager, Petroleum Engineering
Application Services Department
Saudi Aramco

Ashraf Al Tahini
Vice President
EXPEC Computer Cente
Saudi Aramco

Mario Ruscev
CTO and EVP International
TAQA

Hesham Zubari
SPE Regional Director
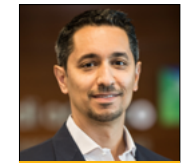and CTIO
Dragon Oil

Stephane Moynet
COO
Arabian Drilling

Panel Session: Impact of Artificial Intelligence in the Global Energy Ecosystem
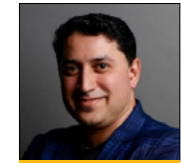
Speakers

Mohamed Kanfar
Head, Long Range Reservoir
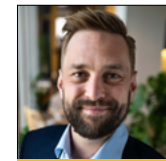Studies Division
Saudi Aramco

Mahdi Al Adel
CEO
Aramco Ventures

Mansour Belhadj
General Manager Energy
and Manufacturing Industry Middle
East and Africa
Microsoft

Shripad Biniwale
Global Innovation Manager
Subsurface
SLB

Halvard Eggen
Chief Digital Officer
CNTXT

Thank You to Our Sponsors and Supporters

Host Organisation

Diamond Sponsor

Gold Sponsor

Day 1 and Day 2 Delegate Lunch Sponsor

Associate Sponsor

Lanyard Sponsor

Badge Sponsor

Exhibitors

BAKER HUGHES

CNTXT

EARTH SCIENCE ANALYTICS AS

FATHOM FOR COMMUNICATIONS AND
INFORMATION TECHNOLOGY LLC
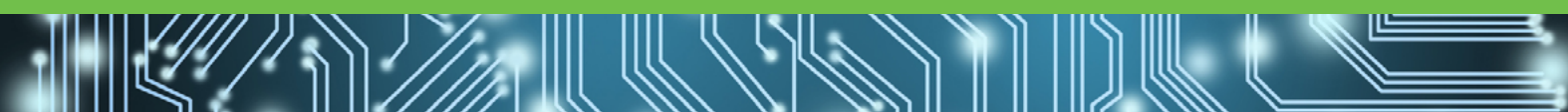
FRONT END LTD

GEOLOG SURFACE LOGGING DMCC
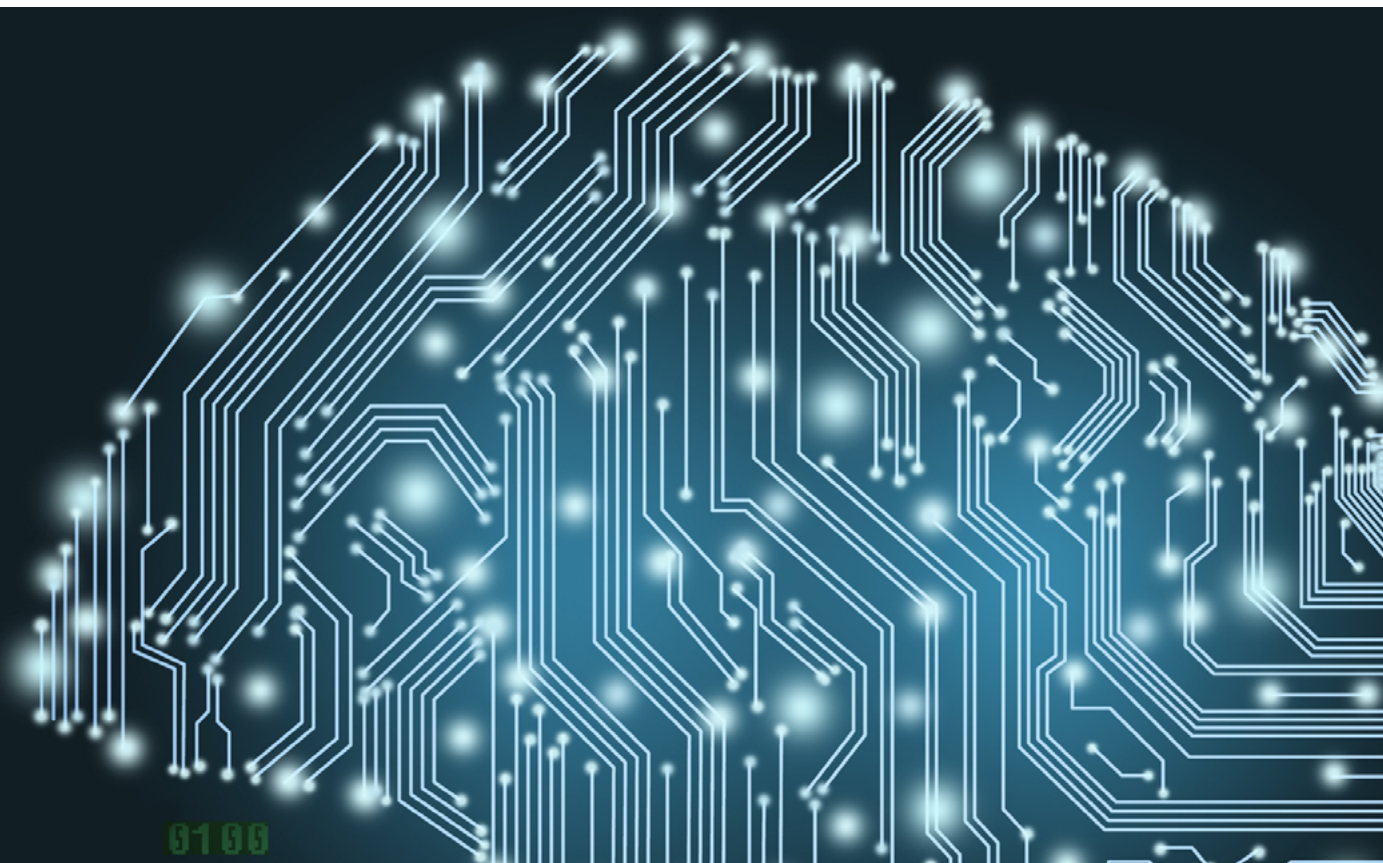
GHGSAT

HALLIBURTON

SAS MIDDLE EAST FZ LLC

SAUDI ARAMCO

SLB

Society of Petroleum Engineers

PO Box 215959, Dubai,
United Arab Emirates

T: +971.4.457.5800

E: service@spe.org