

Host Organisation



SPE/IADC Asia Pacific Drilling Technology Conference and Exhibition

Advancing Drilling and Well Technologies for
a Resilient Future

7–8 August 2024 | Bangkok Convention Centre at CentralWorld, Bangkok, Thailand



go.spe.org/24APDTC

Conference Preview





JOURNEY TO THE ENDLESS POSSIBILITIES

At PTTEP, we rise to the challenge of balancing energy security and sustainability. Our unwavering commitment drives us to secure the energy needs of today while safeguarding the future for generations to come. As we navigate towards a low-carbon organization, innovation and determination power our quest for a cleaner and more sustainable world. Join us on this transformative journey as we pave the way for a brighter tomorrow.

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Message from Committee Leadership

On behalf of the Society of Petroleum Engineers (SPE), the International Association of Drilling Contractors (IADC), and the Conference Organising Committees, it is our pleasure to extend to you a warm welcome to the SPE/ IADC Asia Pacific Drilling Technology Conference and Exhibition (APDT) 2024, taking place from 7 – 8 August 2024 in Bangkok, Thailand.

We are also honoured and delighted that PTT Exploration and Production Public Company Limited (PTTEP) is the Host Organisation for this 2024 edition, supporting APDT in Bangkok since 2018.

Under the overarching theme, “**Advancing Drilling and Well Technologies for a Resilient Future**,” this year’s conference promises to catalyse transformative discussions and insights. The conference programme, shaped by the Technical Programme Committee, offers a comprehensive agenda featuring senior executive dialogues in its opening, keynote and executive plenary sessions, and industry and technical best practices through its panels and special sessions.

Our commitment to delivering unparalleled value is evident in the diverse array of over 100 technical presentations to be showcased in technical and ePoster sessions. These presentations promise to be a source of inspiration and knowledge, covering a spectrum of topics that encapsulate the cutting-edge developments and innovations driving our industry forward.

All programmes shaped for APDT 2024 will provide industrial leaders, experts, professionals and energy companies with crucial insights on technological advancements, technologies and practices that address opportunities and challenges that lie ahead. During this dynamic and collaborative environment, it will also foster connections, spark new ideas, and chart the course for a resilient future in drilling and well technologies.

We expect the APDT conference this year to be beneficial to all. The event is poised to facilitate advancements in drilling operations, improving procedure, introducing the state-of-the-art technology and promoting solutions to common problems to increase operational efficiency for our industry.

We look forward to welcoming you to the engaging discussions and discoveries at APDT 2024. See you in Bangkok!



Conference Chair

Montri Rawanchaikul
Chief Executive Officer
**PTT Exploration and Production
Public Company Limited**



Technical Programme Committee Advisor

Natruedee Khositaphai
Executive Vice President
Operations Support Group
**PTT Exploration and Production
Public Company Limited**



Technical Programme Chair

Benjamin Choo
Senior Vice President
Well Engineering and Operations
**PTT Exploration and Production
Public Company Limited**



Technical Programme Vice-Chair

Bonifasius Muryanto
Operations Senior Manager
PT PERTAMINA Hulu Energi



Technical Programme Vice-Chair

Arthur Russi
Director
Contracts, Proposals, Services & Systems
Transocean

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Gas Management Organization
(TGO)

**This Conference Preview is updated as at 31 July 2024*

The Region's Leading Drilling Event

Since 1983, the Society of Petroleum Engineers (SPE) and the International Association of Drilling Contractors (IADC) have conducted industry-leading conferences for the drilling industry globally.

In Asia Pacific, the SPE/IADC Asia Pacific Drilling Technology Conference and Exhibition (APDT) has been held biennially since 1996, rotating amongst major cities in Asia Pacific. Over the past decade, APDT has established itself as a major business and technical conference on drilling technology and operations for the region.



1,000+
participants from
30+ countries



10+ hours
of high-level addresses,
dialogues and interactive
sessions



10+ hours
of targeted networking
functions and collaborative
opportunities



80+
multi-disciplinary
technical presentations
from **30+** organisations



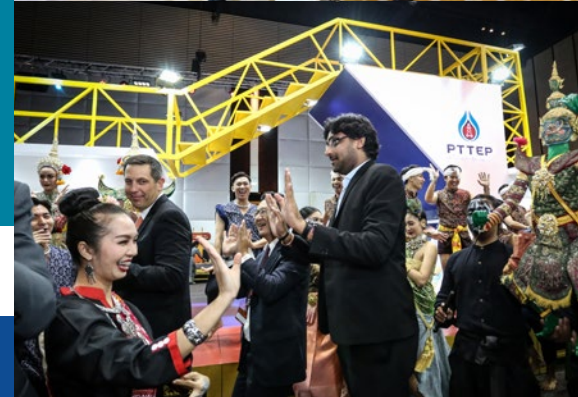
5
insightful plenary, panel
and special sessions



2 days
of networking opportunities
and social activities

APDT 2024 will bring together industry leaders, subject matter experts, contractors, and energy companies to share new perspectives and discuss technological advancements through a comprehensive two-day conference programme with stimulating plenary, panel, case studies and multidisciplinary technical sessions.

As the premier drilling technology conference in Asia Pacific, APDT 2024 is set to provide a platform for attendees to stay at the forefront of the industry. By staying updated with the latest trends and advancements, participants will be better equipped to tackle the evolving demands of the drilling sector and drive sustainable growth.





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About SPE and IADC



About the Society of Petroleum Engineers

The Society of Petroleum Engineers (SPE) is a not-for-profit professional association with 127,000 members in 145 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.



About the International Association of Drilling Contractors

Since 1940, the International Association of Drilling Contractors (IADC) has exclusively represented the worldwide oil and gas drilling industry. IADC's mission is to catalyse improved performance for the drilling industry by enhancing operational integrity and championing better regulation to facilitate safer, cleaner and more efficient drilling operations worldwide. For more information, visit IADC at www.iadc.org and www.DrillingContractor.org.





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Committee

Conference Chair



Montri Rawanchaikul
Chief Executive Officer
PTT Exploration and Production
Public Company Limited



**CLICK TO VIEW THE
COMMITTEE LINE-UP**

Technical Programme Committee

Advisor



Natruedee Khositaphai
Executive Vice President
Operations Support Group
PTT Exploration and Production
Public Company Limited

Chair



Benjamin Choo
Senior Vice President
Well Engineering and Operations
PTT Exploration and Production
Public Company Limited

Vice Chair



Bonifasius Muryanto
Operation Senior Manager
PT PERTAMINA Hulu Energi

Vice Chair



Arthur Russi
Director
Contracts, Proposals,
Services & Systems
Transocean

Committee

Members

Ricardo Freire
Axess Group

Anupong Chailert
Baker Hughes

Nick Wasuthalainunt
Baker Hughes

Ong See Hong
Baker Hughes

Damien Ng
Borr Drilling – Asia-Pacific Region

Sharon Samuel
BP

Taylor Begnaud
Chevron Thailand Exploration and Production

Yi Li
COSL

Mofazzal Hossain
Curtin University

Ryan Bidgoli
Delmar Systems

Alex Maroske
Energy Drilling

Alan Morrison
Geolog International BV

Harshad Dixit
Halliburton

Robello Samuel
Halliburton

Oumer Tahir
Hunting Energy Services

Mojtaba Kalhor Mohammadi
International Drilling Fluids

Keith Kotval
Japan Drilling Company

Chu Minh Tue
JX Nippon Oil & Gas Exploration (Malaysia) Limited

Varun Dev
Noble Corporation

Shankar Bhukya
NOV Grant Prideco

Jan Paul
OMV

Candy Wijaya Tjong
Pertamina Hulu Rokan

Chua Hing Leong
PETRONAS

M Khaidir M Mokhtar
PETRONAS

Jerry Tobing
PETRONAS Carigali Indonesia Operation

Fadzil Yahaya
PETRONAS Carigali Sdn. Bhd.

Khairul Amir Khazali
PETRONAS Carigali Sdn. Bhd.

Mark Rayfield
PETRONAS Carigali Sdn. Bhd.

Mohd Zulkifli Omar
PETRONAS Carigali Sdn. Bhd.

Nicholas Foo Kwang Hui
PETRONAS Carigali Sdn. Bhd.

Shahril Ridzaudidin Mohd Mokhtar
PETRONAS Carigali Sdn. Bhd.

Suresh Kumar
Progrowth Energy Pvt. Ltd.

Anas Hanafiah
PT Pertamina Hulu Energi

Ryan Aditya Surya Wijaya
PT Pertamina Hulu Energi

Attawit Choodesh
PTT Exploration and Production Public Company Limited

Khan Boonsri
PTT Exploration and Production Public Company Limited

Lee Chan Fong
PTT Exploration and Production Public Company Limited

Meth Follett
PTT Exploration and Production Public Company Limited

Noppanan Nopsiri
PTT Exploration and Production Public Company Limited

Prapaporn Jantasuwanna
PTT Exploration and Production Public Company Limited

Sompop Buapha
PTT Exploration and Production Public Company Limited

Suwin Sompopsart
PTT Exploration and Production Public Company Limited

Tamarat Pairintra
PTT Exploration and Production Public Company Limited

Warapong Dejdamongpreecha
PTT Exploration and Production Public Company Limited

Wararit Toempromraj
PTT Exploration and Production Public Company Limited

Panit Jedsadawaranon
PTT Exploration and Production Public Company Limited

Ben Gedge
Regional Marine & Engineering & PetroVietnam Drilling and Well Services

Cao Gang
RIPED, CNPC

Guodong (David) Zhan
Saudi Aramco

John (Jonggeun) Choe
Seoul National University

Chidpon Jantarawaranyoo
Shelf Drilling

Nicole Huong
Shell

Afriandi Eka Prasetya
SKK Migas

Alexey Ruzhnikov
SLB

Ali Kiaie
SLB

Edgar Echevarria
SLB

Fahad AlHosni
SLB

Nurfitrah Mat Noh
SLB

Paul Silva
SLB

Basker Stargard Murugappan
SoCalGas

Matt Regan
TDE Group Ltd.

Garry John Dick
The REACH Group

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Khamawat Siritheerasas
Valuera Energy

Mak Oong Yan
Velesto Drilling

Bao Ta Quoc
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Weatherford

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WellSpec

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Host Organisation



PTTEP

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Conference Bags Sponsor

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COSL

Networking Luncheon and Coffee Breaks
Sponsor – Day 2 (8 August)

General Sponsors



Gold Sponsor



Gold Sponsor



Gold Sponsor



Gold Sponsor



Lanyards Sponsor



Networking Luncheon and
Coffee Breaks Sponsor - Day 1
(7 August)



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Silver Sponsor



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Stations Sponsor



Conference Digital
Proceedings Sponsor



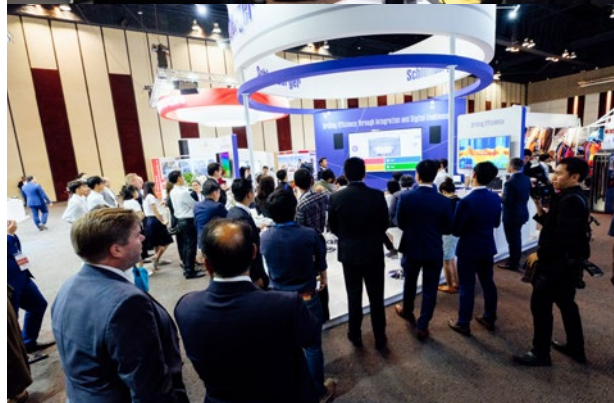
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- International Association of Drilling Contractors (IADC)
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- Scientific Drilling International, Inc.
- Sinomine Specialty Fluids
- Society of Petroleum Engineers
- Southwest Oilfield Products Pte Ltd



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Find out how you can participate.



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Contractor in Southeast Asia



24

Jackup
Rigs



2500+

Total
People



~6yr

Average
Fleet Age



Saga

JU rig of the year 2023



Skald

Best Recordable Incident Rate 2023
(Offshore Rig)



Borr Drilling

Best Recordable Incident Rate 2023
(Offshore Company)

Schedule of Events

Tuesday, 6 August 2024

| | | |
|-------------------|--|-------------------------|
| 0900 – 1800 hours | Exhibition Move-In | BCC Hall A1, Level 22 |
| 0900 – 1800 hours | Registration | Foyer, Level 22 |
| 0900 – 1800 hours | SPE Headquarters and Speaker/Author Check-In | BCC Meeting 1, Level 22 |

Wednesday, 7 August 2024

| | | |
|-------------------|--|--------------------------|
| 0730 – 1900 hours | Registration | Foyer, Level 22 |
| 0800 – 1900 hours | SPE Headquarters and Speaker/Author Check-In | BCC Meeting 1, Level 22 |
| 0900 – 1900 hours | Exhibition | BCC Hall A1, Level 22 |
| 0900 – 1000 hours | Opening and Keynote Session | World Ballroom, Level 23 |
| 1000 – 1100 hours | Coffee Break | BCC Hall A1, Level 22 |
| 1100 – 1230 hours | Executive Plenary Session | World Ballroom, Level 23 |
| 1230 – 1400 hours | Networking Luncheon | BCC Hall A1, Level 22 |
| 1315 – 1345 hours | Knowledge Sharing ePoster Session 1 | BCC Hall A1, Level 22 |
| 1400 – 1530 hours | Panel Session 1: Unleashing the Future - Innovations in Autonomous Drilling Systems, AI, and Machine Learning Solutions for Well Operations | Lotus Suite 7, Level 22 |
| 1400 – 1530 hours | Technical Session 1: HSE and Sustainability | Lotus Suite 12, Level 22 |
| 1400 – 1530 hours | Technical Session 2: Innovative Intervention Technology | Lotus Suite 11, Level 22 |
| 1530 – 1600 hours | Coffee Break | BCC Hall A1, Level 22 |
| 1530 – 1600 hours | Knowledge Sharing ePoster Session 2 | BCC Hall A1, Level 22 |
| 1600 – 1730 hours | Panel Session 2: Advancing Environmental Stewardship in Drilling and Well Technologies for CCS Applications and Sustainable Practices - Our Path to Net Zero Carbon Emissions | Lotus Suite 7, Level 22 |
| 1600 – 1730 hours | Technical Session 3: Case Studies in Advanced Drilling and Well Technologies I | Lotus Suite 12, Level 22 |
| 1600 – 1730 hours | Technical Session 4: Revolutionising Exploration – Innovations for Efficiency and Success | Lotus Suite 11, Level 22 |
| 1730 – 1900 hours | Welcome Reception hosted by PTTEP | BCC Hall A1, Level 22 |

Thursday, 8 August

| | | |
|-------------------|--|----------------------------------|
| 0800 – 1730 hours | Registration | Foyer, Level 22 |
| 0800 – 1730 hours | SPE Headquarters and Speaker/Author Check-In | BCC Meeting 1, Level 22 |
| 0900 – 1730 hours | Exhibition | BCC Hall A1, Level 22 |
| 0900 – 1030 hours | Special Session: Live Conversation - The Drilling Industry in a Changing World | Lotus Suite 7, Level 22 |
| 0900 – 1030 hours | Technical Session 5: Advances in Well Technologies | Lotus Suite 12, Level 22 |
| 0900 – 1030 hours | Technical Session 6: Digital Drilling - Harnessing AI for Operational Excellence | Lotus Suite 11, Level 22 |
| 1030 – 1100 hours | Coffee Break | BCC Hall A1, Level 22 |
| 1030 – 1100 hours | Knowledge Sharing ePoster Session 3 | BCC Hall A1, Level 22 |
| 1100 – 1230 hours | Panel Session 3: Incorporating New Technologies to Improve the Effectiveness of Safety Training | Lotus Suite 7, Level 22 |
| 1100 – 1230 hours | Technical Session 7: Case Studies in Advanced Drilling and Well Technologies II | Lotus Suite 12, Level 22 |
| 1100 – 1230 hours | Technical Session 8: Novel Approaches in MPD | Lotus Suite 11, Level 22 |
| 1230 – 1400 hours | Networking Luncheon | BCC Hall A1, Level 22 |
| 1315 – 1345 hours | Knowledge Sharing ePoster Session 4 | BCC Hall A1, Level 22 |
| 1400 – 1530 hours | Technical Session 9: Delivering the Energy Transition - CCS | Lotus Suite 7, Level 22 |
| 1400 – 1530 hours | Technical Session 10: Strategic Well Design & Optimisation | Lotus Suite 12, Level 22 |
| 1400 – 1530 hours | Technical Session 11: Advanced Drilling Fluid & Cementing Technologies | Update: Lotus Suite 11, Level 22 |
| 1530 – 1600 hours | Coffee Break | BCC Hall A1, Level 22 |
| 1530 – 1600 hours | Knowledge Sharing ePoster Session 5 | BCC Hall A1, Level 22 |
| 1600 – 1730 hours | Technical Session 12: Advancements in Coiled Tubing Intervention | Lotus Suite 7, Level 22 |
| 1600 – 1730 hours | Technical Session 13: Smart Tubular Solutions | Lotus Suite 12, Level 22 |
| 1600 – 1730 hours | Technical Session 14: Optimising Well Construction | Lotus Suite 11, Level 22 |



VALUE THROUGH GROWTH



Conference Programme Schedule

| Time | Lotus Suite 7, Level 22 | Lotus Suite 12, Level 22 | Lotus Suite 11, Level 22 |
|--------------------------|---|--|--|
| Wednesday, 7 August 2024 | | | |
| 0900-1000 hours | Opening & Keynote Session - World Ballroom, Level 23 | | |
| 1000-1100 hours | Coffee Break - BCC Hall A1, Level 22 | | |
| 1100-1230 hours | Executive Plenary Session - World Ballroom, Level 23 | | |
| 1230-1400 hours | Networking Luncheon - BCC Hall A1, Level 22 | | |
| 1315-1345 hours | Knowledge Sharing ePoster Session 1 - BCC Hall A1, Level 22 | | |
| 1400-1530 hours | Panel Session 1: Unleashing the Future - Innovations in Autonomous Drilling Systems, AI, and Machine Learning Solutions for Well Operations | Technical Session 1: HSE and Sustainability | Technical Session 2: Innovative Intervention Technology |
| 1530-1600 hours | Coffee Break and Knowledge Sharing ePoster Session 2 - BCC Hall A1, Level 22 | | |
| 1600-1730 hours | Panel Session 2: Advancing Environmental Stewardship in Drilling and Well Technologies for CCS Applications and Sustainable Practices: Our Path to Net Zero Carbon Emissions | Technical Session 3: Case Studies in Advanced Drilling and Well Technologies I | Technical Session 4: Revolutionising Exploration – Innovations for Efficiency and Success |
| 1730-1900 hours | Welcome Reception - BCC Hall A1, Level 22 | | |
| Thursday, 8 August 2024 | | | |
| 0900-1030 hours | Special Session: Live Conversation: The Drilling Industry in a Changing World | Technical Session 5: Advances in Well Technologies | Technical Session 6: Digital Drilling: Harnessing AI for Operational Excellence |
| 1030-1100 hours | Coffee Break and Knowledge Sharing ePoster Session 3 - BCC Hall A1, Level 22 | | |
| 1100-1230 hours | Panel Session 3: Incorporating New Technologies to Improve the Effectiveness of Safety Training | Technical Session 7: Case Studies in Advanced Drilling and Well Technologies II | Technical Session 8: Novel Approaches in MPD |
| 1230-1400 hours | Networking Luncheon - BCC Hall A1, Level 22 | | |
| 1315-1345 hours | Knowledge Sharing ePoster Session 4 - BCC Hall A1, Level 22 | | |
| 1400-1530 hours | Technical Session 9: Delivering the Energy Transition - CCS | Technical Session 10: Strategic Well Design & Optimisation | Technical Session 11: Advanced Drilling Fluid & Cementing Technologies |
| 1530-1600 hours | Coffee Break and Knowledge Sharing ePoster Session 5 - BCC Hall A1, Level 22 | | |
| 1600-1730 hours | Technical Session 12: Advancements in Coiled Tubing Intervention | Technical Session 13: Smart Tubular Solutions | Technical Session 14: Optimising Well Construction |



**CLICK TO VIEW THE
COMPLETE EVENT PROGRAMME
AND SPEAKER LINE-UP**

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We work tirelessly 24/7 to be a force driving the progress of the country.



For over 60 years,

we have a vital role to play in meeting growing demand for affordable, reliable,
and ever-cleaner energy, which continues to enable human progress.

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Opening and Keynote Session

Wednesday, 7 August 2024 | 0900 – 1000 hours | World Ballroom, Level 23

Welcome Remarks



Henricus Herwin
Asia Pacific Regional
Director
**Society of Petroleum
Engineers (SPE)**
Senior Vice President,
Strategy & Investment
PT Pertamina (Persero)



Jason McFarland
President
**International Association of
Drilling Contractors (IADC)**

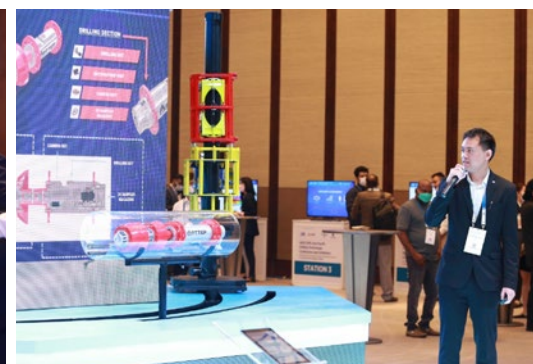
Keynote Addresses



Montri Rawanchaikul
Chief Executive Officer
**PTT Exploration and
Production
Public Company Limited**
APDT 2024 Conference
Chair



Prasert Sinsukprasert
Permanent Secretary
Ministry of Energy, Thailand



Executive Plenary Session

Advancing Drilling and Well Technologies for a Resilient Future

Wednesday, 7 August 2024 | 1100 – 1230 hours | World Ballroom, Level 23

Speakers



Henricus Herwin
Senior Vice
President Strategy &
Investment
**PT Pertamina
(Persero)**



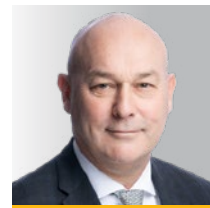
Hazli Sham Kassim
Vice President
Development,
Upstream
PETRONAS



Chatit Huayhongtong
President/Managing
Director
**Chevron Thailand
Exploration and
Production, Ltd.**



Martin White
Region Senior Vice
President, Asia
Pacific
Halliburton



Harvey Snowling
Chief Operating
Officer
Borr Drilling

Moderator



Uday Singh
Partner
**Boston Consulting
Group**

Under the conference theme “Advancing Drilling and Well Technologies for a Resilient Future”, this session will gather senior leaders and experts to dissect and forecast the trends shaping our industry. The esteemed panel will discuss a diverse range of topics critical to the industry’s resilience in an era of unprecedented challenges and opportunities:

- **Digital Transformation:** Uncover how the fusion of data analytics, artificial intelligence, and automation is revolutionising drilling and well operations to enhance efficiency, safety, and sustainability.
- **Energy Transition:** Examine the role of drilling technologies in supporting the shift towards cleaner energy sources and in addressing environmental concerns, including carbon capture and utilization.
- **Resilience in Extreme Environments:** Learn about the latest breakthroughs in drilling technologies for harsh and unconventional environments.
- **Innovation and Collaboration:** Explore the importance of industry collaboration, knowledge sharing and innovation ecosystems in driving advancements and mitigating risks.
- **Sustainability and ESG:** Discuss strategies for achieving sustainability goals, aligning with ESG principles, and adapting to evolving regulations.

This session aims to be a focal point for leaders, innovators, and stakeholders seeking to navigate the evolving landscape of the drilling industry and discipline.

Panel Sessions

Panel Session 1: Unleashing the Future: Innovations in Autonomous Drilling Systems, AI, and Machine Learning Solutions for Well Operations

Wednesday, 7 August 2024 | 1400 – 1530 hours | Lotus Suite 7, Level 22

Speakers



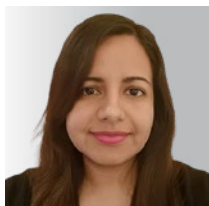
Nicolas Philippe
Associate Director
Boston Consulting Group



Alf Fredvik
Director - Drilling Automation & Controls
NOV



Sirawich Tippawanich
Engineer Data Science
PTT Exploration and Production Public Company Limited



Vanessa Pincay
Business Development Manager, Drilling ASIA Basin
SLB



Darrel Pelley
Director, Technical Marketing
Transocean

Session Chairs



Mofazzal Hossain
Assistant Professor
Curtin University



Nurfitriah Mat Noh
Digital Drilling Business Development Manager
SLB

This panel session aims to delve into the cutting-edge realm of drilling technologies to explore the latest advancements in autonomous drilling systems, the transformative impact of artificial intelligence (AI) and machine learning (ML) on drilling and well operations, and the integration of new technologies on drilling rigs.

Senior industry leaders will discuss the revolutionary strides made in autonomous drilling systems, dissecting how these innovations are reshaping the landscape of drilling operations by significantly enhancing safety, improving operational efficiency, and driving cost-effectiveness.

Key discussions include:

- Cutting-edge drilling technologies such as AI and ML to optimise drilling strategies, predictive maintenance, understanding intelligent algorithms, and data-driven decision-making.
- The transformative impact on safety, efficiency, and cost-effectiveness.
- How autonomous drilling innovations reshape operations and examine practical applications from automated rigs to real-time monitoring.
- Insights into the transformation of the energy sector into a dynamic, data-driven powerhouse.
- Game-changing tools that streamline processes, enhance precision, and contribute to a sustainable future.

Panel Sessions

Panel Session 2: Advancing Environmental Stewardship in Drilling and Well Technologies for CCS Applications and Sustainable Practices: Our Path to Net Zero Carbon Emissions

Wednesday, 7 August 2024 | 1600 – 1730 hours | Lotus Suite 7, Level 22

Speakers



Taylor Begnaud
Vice President, Wells
**Chevron Thailand
Exploration and
Production**



Koji Yamamoto
Vice President,
Energy Business Unit
**Japan Organization
for Metals and
Energy Security
(JOGMEC)**



Azral Abdul Rahim
General Manager
Wells Malaysia,
PETRONAS Carigali



Danuwas Lambasara
Vice President
CCS Department
**PTT Exploration and
Production Public
Company Limited**



Megat Zariman
Abdul Rahim
President
Velesto Energy

Session Chairs



Noppanan Nopsiri
Senior Engineer
Well Engineering
**PTT Exploration and
Production
Public Company Limited**



Panit Jedsadawaranon
Senior Engineer
Well Operations Support
**PTT Exploration and
Production
Public Company Limited**

With the global push for net-zero carbon emissions, this session focuses on drilling technologies tailored for carbon capture and storage (CCS) applications.

Key discussions include:

- **Innovative Drilling for CCS:** Explore cutting-edge drilling technologies optimising carbon capture through novel methodologies and smart technology integration.
- **Environmental Stewardship:** Delve into sustainable drilling practices, minimising impact through reduced emissions, efficient water management, and eco-friendly drilling fluids.
- **CCS Case Studies:** Learn from real-world applications, gaining insights from successful projects and identifying areas for improvement.
- **Regulatory Landscape and Collaboration:** Navigate regulations and emphasise industry collaboration for successful sustainability initiatives.

This collaborative session brings together experts to share knowledge, experiences, and best practices, providing valuable insights into the journey towards a sustainable future in drilling and well technologies aligned with global net-zero carbon emission goals.

Panel Sessions

Panel Session 3: Incorporating New Technologies to Improve the Effectiveness of Safety Training

Thursday, 8 August 2024 | 1100 – 1230 hours | Lotus Suite 7, Level 22

Speakers



Farhan Hussin
Operations Manager
Asset Integrity
Management
Axess Group



Martin MacLeod
Rig Manager - MIST
Borr Drilling



Joachim van der
Meulen
Facilitator
DROPS Asia



David Teo
Regional Medical
Director, Asia,
International SOS



Ponlasak
Apiwattanalunggarn
Senior Vice President
Safety, Security,
Health and
Environment Division
**PTT Exploration and
Production Public
Company Limited**



Wayne Bauer
Vice President, QHSE &
Sustainability
Vantage Drilling

Session Chairs



Ricardo Freire
Operations Director,
Asia Pacific & Middle East
Axess Group



Alexander Maroske
Head of QHSSE, Energy
Drilling Management
Energy Drilling

In the dynamic realm of technological advancements, companies must innovate staff training to ensure a secure and efficient working environment. Traditional PowerPoint presentations for HSE training are questioned for their efficacy, prompting a need for engaging and collaborative techniques to attract, retain and train talent effectively. However, the adoption of new technologies faces resistance from decision-makers unfamiliar with the preferences of the Generation Z workforce.

- **Challenge:** Traditional HSE training (PowerPoint slides) is often ineffective, leading to talent retention issues and a lack of information transfer with training models designed to tick a box. Furthermore, due to unfamiliarity and cost concerns, decision-makers hesitate to adopt new technologies.
- **Solution:** Virtual Reality (VR) training offers an engaging and immersive alternative. Affordable devices like Meta Quest and various technological advancements address initial concerns about cost and motion sickness.
- **Benefit:** VR training's ability to improve safety awareness, attract and retain talent, and boost efficiency. Embracing VR bridges the knowledge gap between generations and fosters a culture of continuous learning.

Special Session

Live Conversation: The Drilling Industry in a Changing World

Thursday, 8 August 2024 | 0900-1030 hours | Lotus Suite 7, Level 22

Speakers



Ben Ford
Director, Offshore
Business
**American Bureau of
Shipping**



Keith Kotval
General Manager
Marketing &
Contracts
**Japan Drilling
Company**



Anders Hodne
Vice President, Sales
Eastern Hemisphere
NOV



Fata Yunus
Director of
Operations
**Pertamina Drilling
Services**



David McQuilkin
Director, Field
Marketing, Asia and
Australia
Transocean

Session Chair



Damien Ng
Marketing Director
Asia Pacific
Borr Drilling

When we ended the last edition of APDT in 2022, the drilling industry had just emerged from an existential crisis in the preceding years. It gradually ended 2022 with a year of cautious recovery, followed by a tremendous wave of drilling capital expenditure.

As the energy transition continues to gather pace worldwide, the booming reminder of an “Energy Trilemma” that exists rings true to this day.

The drilling industry remains essential to achieving energy security, affordability and sustainability. Without us, it is highly improbable to usher in an age of clean energy without facing challenges to provide for a region that will continue to grow in energy needs.

This session will seek to unpack what each critical industry stalwart and contributor in a vertically integrated chain has in store for the drilling industry in the future.



Shelf Drilling is a leading international shallow water offshore drilling contractor.

Our Fleet

“Right Assets in Right Locations”

Blend of premium & standard jack-ups provide ideal match to customer requirements.

13x Premium



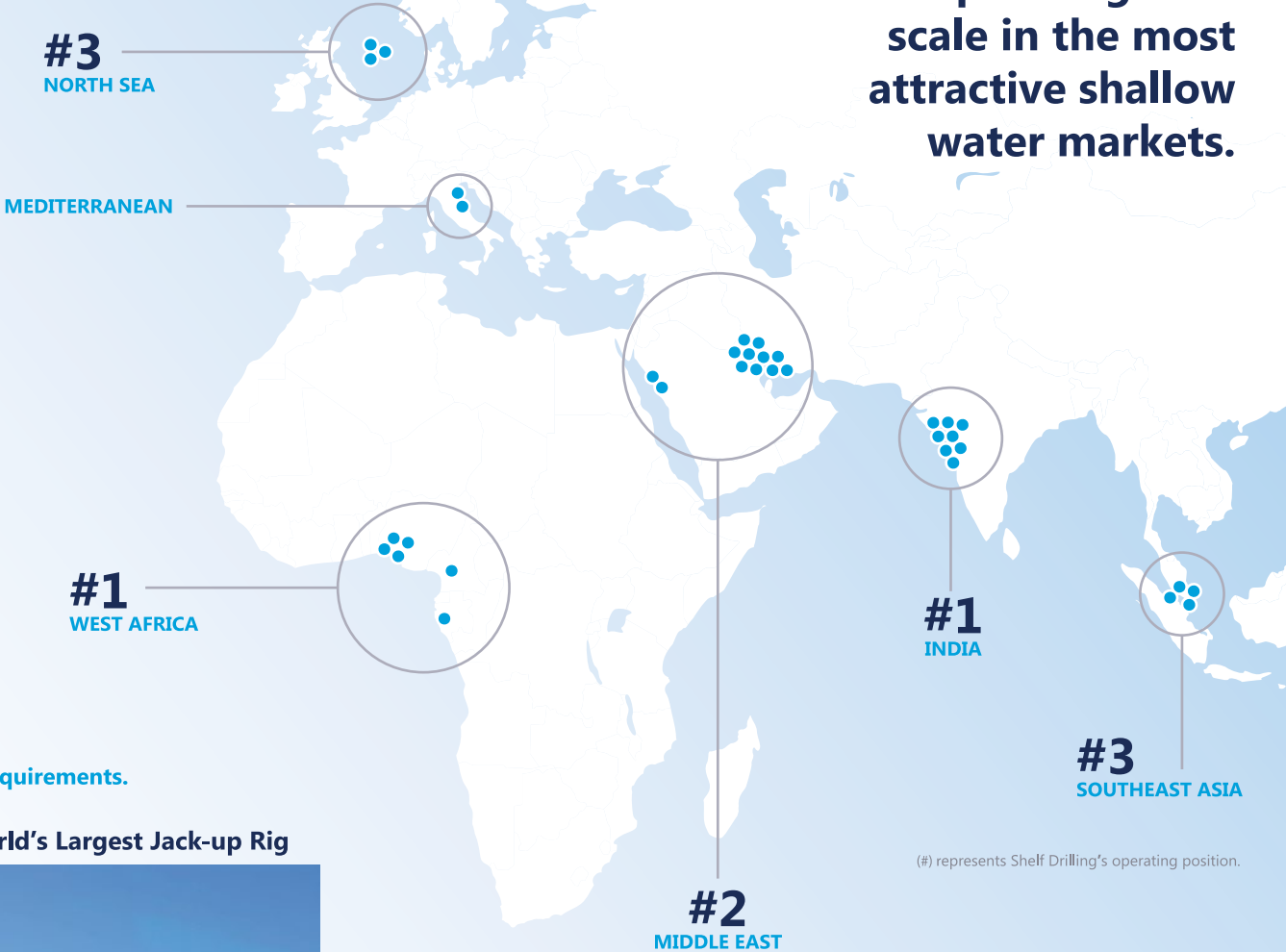
22x Standard



World’s Largest Jack-up Rig



Shelf Drilling Barsk



Operating with scale in the most attractive shallow water markets.

(#) represents Shelf Drilling’s operating position.

Number of rigs in operations across the globe:

| | |
|----------------|----|
| MENAM | 14 |
| INDIA | 9 |
| WEST AFRICA | 6 |
| NORTH SEA | 3 |
| SOUTHEAST ASIA | 4 |



Shelfdrilling.com

General Enquiries
info@shelfdrilling.com

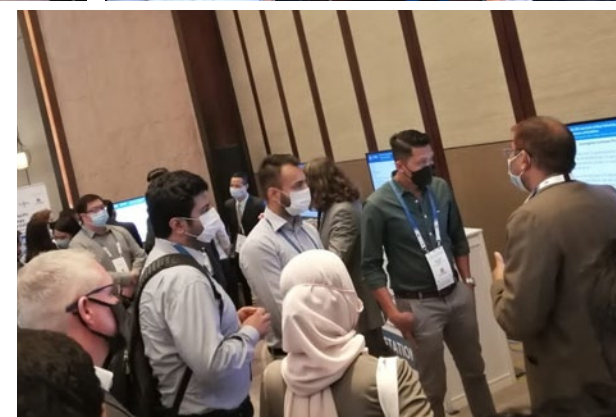
Marketing Enquiries
marketing@shelfdrilling.com

Technical and Knowledge Sharing ePoster Sessions

More than 100 technical presentations will be presented across a vast variety of technical topics at the Technical and ePoster Sessions.

Technical Sessions include:

- Advanced Drilling Fluid & Cementing Technologies
- Advancements in Coiled Tubing Intervention
- Advances in Well Technology
- Case Studies in Advanced Drilling and Well Technologies I
- Case Studies in Advanced Drilling and Well Technologies II
- Delivering the Energy Transition - CCS
- Digital Drilling: Harnessing AI for Operational Excellence
- HSE and Sustainability
- Innovative Intervention Technology
- Novel Approaches in MPD
- Optimising Well Construction
- Revolutionising Exploration – Innovations for Efficiency and Success
- Smart Tubular Solutions
- Strategic Well Design & Optimisation



**ACCESS THE FULL TECHNICAL
AND KNOWLEDGE SHARING
ePOSTER SESSIONS**

Sponsorship Opportunities

Sponsorship opportunities have been designed to offer maximum exposure and visibility for organisations. For a cost-effective method to strengthen your brand identity and enhance your company's image at the conference, we offer a variety of sponsorship items.

Sponsorship Packages

| List of Packages | |
|--|-------------|
| Platinum Sponsor | USD 23,000 |
| Gold Sponsor | USD 18,000 |
| Lanyards | SOLD |
| Conference Bags | SOLD |
| Networking Luncheon and Coffee Breaks – Day 1 (7 August) | SOLD |
| Networking Luncheon and Coffee Breaks – Day 1 (8 August) | USD 8,500 |
| ePoster Stations and Audio Visual Equipment | USD 8,000 |
| Silver Sponsor | USD 8,000 |
| Conference Umbrellas | USD 7,500 |
| Reusable Water Bottles and Stations | USD 7,500 |
| Conference Caps | USD 7,000 |
| Meeting Pod (per pod) | USD 7,000 |
| Conference Digital Proceedings | SOLD |
| Conference Writing Pads and Pens | USD 5,500 |
| Directional Signage | USD 5,500 |
| Mobile App | SOLD |



SECURE YOUR PACKAGE

Sponsorship items are limited and available on a first-come first-served basis. Confirm yours today!

Contact our sales expert today:

Jessica Lee

Sales Manager, Asia Pacific

☎ +60 3 2182 3143 or ✉ jeslee@spe.org

Exhibition Opportunities

The SPE/IADC Asia Pacific Drilling Technology Conference and Exhibition (APDT) 2024 is the perfect platform that allows you to spotlight your company's portfolio of leading innovations while delivering your message to the right target audience.



PREMIER PACKAGE USD16,000 per booth

BENEFITS

- Company/Product Listing in the Mobile App****
- 18 sqm display style exhibition booth with pre-build back wall
- Two (2) complimentary Full Conference registrations*
- Four (4) complimentary Exhibitor registrations**
- One Hundred (100) Exhibition Visitor registrations***
- Group Full Conference Registration discount

ENTITLEMENTS

- 6m x 3m display style exhibition booth
- 4mW x 3mH back wall with customised graphics
- One (1) 2m x 1m storeroom
- Plywood underlay flooring with carpet
- One (1) wall-mounted 50-inch TV
- One (1) information counter with customised front graphics
- One (1) bar stool
- One (1) round table
- Four (4) easy arm chairs
- Three (3) spotlights for back wall
- One (1) brochure stand
- Two (2) power points
- One (1) waste paper bin

SPACE ONLY PACKAGE USD 700 per sqm (minimum 18sqm)



ENHANCED PACKAGE USD8,500 per booth

BENEFITS

- Company/Product Listing in the Mobile App****
- 9 sqm display style exhibition booth with pre-build back wall
- One (1) complimentary Full Conference registration*
- Two (2) complimentary Exhibitor registrations**
- Eighty (80) Exhibition Visitor registrations***
- Group Full Conference Registration discount

ENTITLEMENTS

- 3m x 3m display style exhibition booth
- 3mW x 3mH back wall with customised graphics
- Plywood underlay flooring with carpet
- One (1) wall mounted 42-inch TV
- One (1) information counter with customised front graphics
- One (1) bar stool
- One (1) round table
- Two (2) easy arm chairs
- Two (2) spotlights for back wall
- One (1) brochure stand
- One (1) power point
- One (1) waste paper bin



TAKE A LOOK AT THE FLOOR PLAN



EXHIBITOR PACKAGE USD6,300 per booth

BENEFITS

- Company/Product Listing in the Mobile App****
- 9 sqm shell scheme exhibition booth
- Two (2) complimentary Exhibitor registrations**
- Fifty (50) Exhibition Visitor registrations***
- Group Full Conference Registration discount

ENTITLEMENTS

- 3m x 3m Shell Scheme booth
- 2.5mH wall partition with laminated in-fill panels
- Overhead fascia panel with company name and booth number
- One (1) information desk
- Two (2) easy arm chairs
- Two (2) spotlights
- One (1) power point
- One (1) waste paper bin



CLICK HERE TO VIEW THE LIST OF EXHIBITORS

Notes:

**Full Conference Registration includes access to the Opening and Keynote Sessions, Executive Plenary Session, Panel Sessions, Special Session, Technical Sessions, Knowledge Sharing ePoster Sessions, Exhibition, Daily Networking Luncheons, Daily Coffee Breaks, Welcome Reception and one (1) Conference Digital Proceedings.

**Exhibitor Registration includes access to the Exhibition, Knowledge Sharing ePoster Sessions, Daily Networking Luncheons, and Daily Coffee Breaks, Welcome Reception.

*** Exhibition Visitor Registration includes access to the Exhibition and ePoster Sessions.

**** Exhibitors will be acknowledged in the Conference Preview (if confirmed by 31 March 2024), Mobile App (if confirmed by 1 July 2024).

Registration



**CLICK HERE TO REGISTER
YOUR SEAT ONLINE**

Registration Category and Fee

| Category | | Fee Per Person | |
|--|--|-------------------------|--------------------------|
| | | Early Bird by 1 July | Standard after 1 July |
| Full Conference | SPE/IADC Member | USD 950 | USD 1,100 |
| | Non-Member | USD 1,050 | USD 1,200 |
| | Speaker / Author / Committee / Session Chair | USD 900 | USD 1,050 |
| Group Registration - Register 5, Pay for 4 (Lowest Priced Registration Complimentary) | | | |
| Student (With valid student ID) | | Complimentary | |
| Visitor | | Complimentary | USD 50 |

Other Tickets

| Additional Tickets | Fee |
|--|---------|
| Networking Luncheon | USD 70 |
| Conference Digital Proceedings - SPE/IADC Member | USD 200 |
| Conference Digital Proceedings - Non-Member | USD 300 |

Registration Enquiries

spekl@spe.org

What Do You Get

| Access/Entitlements | Full Conference | Student | Visitor |
|------------------------------------|-----------------|---------|---------|
| Opening and Keynote Sessions | ✓ | ✓ | |
| Executive Plenary Session | ✓ | ✓ | |
| Panel Sessions | ✓ | ✓ | |
| Technical Sessions | ✓ | ✓ | |
| Special Session | ✓ | ✓ | |
| Knowledge Sharing ePoster Sessions | ✓ | ✓ | ✓ |
| Exhibition | ✓ | ✓ | ✓ |
| Daily Networking Luncheons | ✓ | | |
| Daily Coffee Breaks | ✓ | | |
| Welcome Reception (if any) | ✓ | | |
| Conference Digital Proceedings | ✓ | | |
| Conference Bag | ✓ | | |

General Information

Venue

Bangkok Convention Centre at CentralWorld
999/99 Rama 1 Road, Pathumwan, Bangkok 10330
Thailand

Tel: +66 2 100 1234

Website: <https://www.centarahotelsresorts.com/centaragrand/cgcw>

Airport

Travellers arrive in Bangkok, Thailand at the Suvarnabhumi International Airport (BKK) and Don Mueang International Airport (DMK). Both airports are approximately 30 minutes by car from Bangkok Convention Centre at CentralWorld. Event attendees may arrange for ground transfers with their selected hotels or secure a taxi at the arrival hall.

Badge Collection

Event badges can be collected during the event at the venue. Badges are required for admission into the event and must be worn at all times during event days.

Delegate Pack

The delegate pack consisting of event brochure and other relevant information can be collected upon collecting your badge during the event at the venue.

Photography and Audio Visual Copyright

All conference sessions and the exhibition are protected by international copyright laws.

Photography and video/audio recording of any kind in conference sessions and the exhibition are prohibited without prior written permission by SPE.

Visa

Event attendees travelling to Bangkok, Thailand must be in possession of passports valid for at least six (6) months with proof of onward passage out of the country. Visa requirements depend on the country of origin. Please check with your travel agent, or the Thailand Embassies, High Commissions or Consulates on regulations relating to immigration/visa before your departure.

An invitation letter to facilitate the application of visa will be issued to registered attendees if required. Please [download](#) the invitation letter request form. Please send the request to [Faezah Saaban](#).

Please note that it is the sole responsibility of the attendee to obtain the necessary supporting document(s) for entry into Bangkok, Thailand. The invitation letter does not guarantee that you will be granted a visa.

Accommodation

The following hotel is within proximity of the event. All accommodation and hotel bookings are to be made directly with the hotel.

Centara Grand at CentralWorld

Website: <https://www.centarahotelsresorts.com/centaragrand/cgcw>

Online Booking: Closed

Booking Deadline: Thursday, 4 July 2024

| Room Type | Price (THB) | |
|---------------|--------------|-------------|
| | Single | Double/Twin |
| Superior Room | THB 4,800++ | THB 5,300++ |
| Deluxe Room | THB 5,200++ | THB 5,700++ |
| Club Deluxe | THB 6,500++ | THB 7,100++ |
| Junior Suite | THB 7,500++ | THB 8,100++ |
| Club Suite | THB 10,500++ | |

Notes:

- All accommodation and hotel bookings are to be made directly with the hotel.
- Rates are based on per room per night and are inclusive of daily buffet breakfast for one (1) or two (2) persons.
- Rates are subject to 10% service charge and 7% applicable government tax (currently)
- Rates are inclusive of internet access in room.
- Cancellation or shorten stay notified less than fourteen (14) days before check-in date will be charge one (1) night penalty, the amount will be automatically charged to the individual credit card.
- The entire night penalty will be charged for no-shows on the schedule arrival date, the amount will be automatically charged to the individual credit card.

CONTACT US

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+1 713 292 1945
+1 713 292 1946

Visit go.spe.org/24APDTC for more information about SPE/IADC Asia Pacific Drilling Technology Conference and Exhibition 2024

