

Principal Sponsors



OFFSHORE TECHNOLOGY CONFERENCE ASIA

22 - 25 March 2022
Kuala Lumpur, Malaysia

Excellence in Asia:
Setting the Pace for
Future Energy



CONFERENCE PREVIEW



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find out more

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**The Conference Preview is updated as at 14 December 2021.*

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Offshore Technology
Conference Asia



@OTCevents

► MESSAGE FROM COMMITTEE LEADERSHIP

Dear Industry Colleague,

We are pleased to invite your organisation to participate in the fifth OTC Asia and we look forward to welcoming you to Kuala Lumpur, Malaysia for the event from **22 - 25 March 2022**.

As the world moves toward recovering from the unprecedented challenges brought on by the pandemic, the energy sector remains focused on accelerating the transition to a lower carbon world.

With the theme, **“Excellence in Asia: Setting the Pace for Future Energy”**, OTC Asia 2022 will highlight how Asia continues to thrive as a centre of excellence by being agile in responding to crises, integrating robustness in business models and strategies against disruptions, and advancing innovations in technologies and digitalisation, to enable the next generation workforce to forge on for a lower carbon world.

The extensive conference programme will include **more than 70 conference sessions and over 300 technical paper presentations**. OTC Asia provides a platform for the industry to come together to network, conduct business, and share solutions to the challenges and opportunities ahead.

We look forward to your support and to welcoming you back to OTC Asia.

Sincerely,



Neil Kavanagh
OTC Asia 2022 Advisory Committee Chair
OTC Asia 2022 Oversight Committee Chair
Chief Scientist
Woodside Energy



Ismail Aslam Abdullah
OTC Asia 2022 Programme Committee Chair
Head of Wells Malaysia
PETRONAS



Dr. Terapol Phoonsiri
OTC Asia 2022 Programme Committee Vice-Chair
Senior Vice President, Malaysia Asset
seconded to PTTEP Sarawak Oil Limited as Country
Manager, Malaysia Asset
PTTEP



Scott Ferrier
OTC Asia 2022 Programme Committee Vice-Chair
Front End and Systems Engineering Director
TechnipFMC

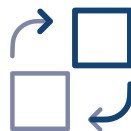
Key Themes



Future Energy



Sustainability



Business Models
& Strategies



Embracing Change
& Agility



Digitalisation &
Automation



YOUR SAFETY IS OUR PRIORITY

The Offshore Technology Conference Asia (OTC Asia) is committed to the safety and well-being of all attendees, exhibitors, and staff.

OTC Asia is dedicated to creating and maintaining a safe and healthy environment in compliance and following the regulations and guidance provided by the Malaysian Government, the event venue facility – Kuala Lumpur Convention Centre, and health authorities.

The safety procedures outlined below are subject to change to comply with applicable government regulations. Further details on health and safety measures will be communicated regularly with attendees and published [here](#).



- A valid certificate proving full vaccination is required for entry into the event venue, in accordance with the Malaysian government's standard operating procedure.
- Attendees are required to adhere to the event venue's Covid-19 check-in protocols which include daily check-ins via MySejahtera mobile app and body temperature checks.



- **Wearing face masks** will be mandatory on-site (non-compliance may result in government enforced penalties).



- **Sanitisation stations** will be accessible throughout the venue.
- **Frequent cleaning and disinfection** will be carried out especially in high touchpoint and footfall areas.



- **Controlled crowd density** in accordance with government guidance.
- **Capacity will be limited** in session rooms, dining areas and at the exhibition.
- **Refrain from physical contact.**
- **Practice social distancing.**



- **Regular messaging** regarding health and safety measures before and during the event.
- **Increased health and safety signage** during the event.



DISCOVER OTC ASIA

The biennial Offshore Technology Conference Asia (OTC Asia) is where energy professionals meet to exchange ideas and opinions to advance scientific and technical knowledge for offshore resources and environmental matters.

The first OTC Asia was held in Kuala Lumpur in 2014. OTC Asia's vision and goal are to fulfil OTC's mission to promote and further the advance of scientific and technical knowledge of offshore resources and environmental matters.

OTC Asia aims to:

Meet the demand for technical information to support the growth of the offshore oil and gas industry in Asia.

Provide opportunities for industry professionals and their employers to share their applied technologies and best practices with other producing areas in the world.

To create opportunities to institute and strengthen intersociety collaboration and cooperation with member societies based in Asia.

Connecting the Offshore Energy Community



10,000+
participants, sponsors and exhibitors

m²

2,400+
sqm exhibition space



2,000+
participating organisations



400+
thought leaders and industry experts



100+
sponsors and exhibitors



70+
dynamic business and technical conference sessions



65+
countries represented



300+
multidisciplinary technical sessions



30+
hours of networking and business opportunities



20+
hours of industry insights and trends

Excellence in Asia: Setting the Pace for Future Energy

OTC Asia 2022 will highlight how the region continues to thrive as a centre of excellence in driving efficiencies to future-proof the industry as it transitions into a lower carbon world.



Vigilance in Cost Management



Application of Robust Strategies



Development of Emerging Technologies

Marine Photovoltaic
Carbon Resilient Value Chain
 Offshore wind & wave
 Carbon Neutral Energy Supply
 Green Hydrogen
 Remote Operations
 Decommissioning
 Industry Collaboration & Integration
 Emerging Trends in Energy Supply
 Next Generation Workforce
 Sustainable Roadmap
 Deepwater Technology

Offshore energy & resources

Advancing and Disseminating Knowledge and Technologies



9 high-level executive plenary and dialogues



2 insightful technical panels



11 engaging panel conversations



4 development and recognition programmes



40+ multidisciplinary technical sessions



9 focused country sessions

What does carbon dioxide have to do with better business?

At PETRONAS, we connect the dots to turn contaminants into companions.

As a progressive energy and solutions partner, we believe innovation drives sustainable value. PETRONAS is developing technologies that allow us to transform CO₂ into methanol. This can produce biofuel for a cleaner future of mobility, which in turn powers progressive business performance.

Our passion for progress is why we connect the dots and create sustainable value for all.



Discover the connections we can make.

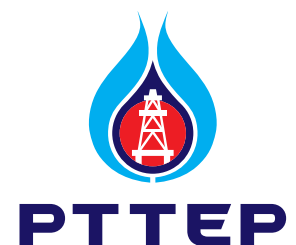


Energy Partner of Choice



PTTEP was founded in 1985 as a national petroleum exploration and production company dedicated to provide sustainable energy security. Our journeys have led us to discover energy for all, to drive the economy and enriching lives. No matter the obstacles, we can strive to overcome together to make a better world.

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▶ OTC ORGANISATIONS

The Offshore Technology Conference (OTC) events around the globe, including OTC Asia, are brought to you by 13 sponsoring non-profit academic, scientific, and professional organisations dedicated to the advancement and diffusion of scientific and technological knowledge of offshore resources and related environmental matters.

Income from this event is invested back into these sponsoring organisations' programmes that will provide opportunities for industry professionals to enhance their professional and technical competence, and to promote education in areas to continue to help advance the offshore energy industry.

SPONSORING ORGANISATIONS



American Association of Petroleum Geologists



American Institute of Chemical Engineers



American Institute of Mining, Metallurgical, and Petroleum Engineers



American Society of Civil Engineers



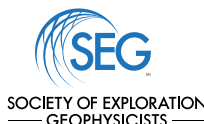
American Society of Mechanical Engineers



American Institute of Mining, Metallurgical, and Petroleum Engineers



Marine Technology Society



Society of Exploration Geophysicists



Society for Mining, Metallurgy & Exploration



Society of Naval Architects and Marine Engineers



Society of Petroleum Engineers



The Minerals, Metals & Materials Society

REGIONAL SPONSORING ORGANISATION



Brazilian Petroleum, Gas and Biofuels Institute



International Association of Drilling Contractors



Energy Workforce & Technology Council

THRIVING THROUGH THE ENERGY TRANSITION



As one of the pioneers in the country's energy industry, Shell Malaysia is seeking to play its part in the country's energy transition by increasing investment in lower carbon energy solutions, while pursuing competitive and carbon resilient Upstream investments. Gorek, Shell Malaysia's first fully solar powered wellhead platform and Timi, the first wellhead platform that is powered by a solar and a wind hybrid renewable power system, are testament to the company's ability to innovate and deliver safe, reliable, and sustainable projects, in line with its commitment to achieve net-zero emissions by 2050, in step with society.

www.shell.com.my



Solar panels before installation

The Gorek Platform

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GENERAL SPONSORS



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Topical Luncheon -
Day 3 (24 March) Sponsor



Escalator Runners Sponsor and
Care Kit Sponsor



Lanyards Sponsor



Directional Signage Sponsor



Topical Luncheon -
Day 2 (23 March) Sponsor



Executive Sponsor



Executive Sponsor



Conference Notebooks & Pens
Sponsor



Conference Caps Sponsor



JX Nippon Sponsor



Energy4Me Teacher STEM Workshop
Co-Sponsor



Energy4Me Teacher STEM Workshop
Co-Sponsor

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GENERAL SPONSORS



Virtual Platform

▶ LEADERSHIP COMMITTEES

View the detailed lists of committee members [here](#).

OTC Board of Directors

The OTC Board of Directors is responsible for the operational stewardship of OTC events around the world. The OTC Board includes 14 representatives, 12 from OTC's sponsoring organisations and two from OTC's endorsing organisations.

A list of members can be found [here](#).

Chair



Paul Jones
Society of Petroleum Engineers

Chair



Neil Kavanagh
Chief Scientist
Woodside Energy

Oversight Committee

The Oversight Committee consists of representatives from OTC's sponsoring organisations. In addition to reporting to the OTC Board of Directors and ensuring the OTC brand is maintained throughout the planning and execution of the event, the Oversight Committee is responsible for reviewing and assessing nominations and applications for the Distinguished Achievement Award and Spotlight on New Technology® Award.

A list of members can be found [here](#).

Advisory Committee

The Advisory Committee consists of senior stakeholders in the Asia Pacific region from national oil companies, international operators and service companies. The role of the committee is to provide advice and counsel to the OTC Asia organising committees regarding the planning and development of the event.

A list of members can be found [here](#).

Chair



Neil Kavanagh
Chief Scientist
Woodside Energy

Advisory Committee Members



Graham Gillies
Vice President
Asia Pacific
Baker Hughes



Qing Xu
Vice President
Geoscience
Asia Pacific
CGG



Jeff Lehrmann
Managing Director
Chevron Asia South



Ma Xinhua
President
Research Institute of
Petroleum Exploration
& Development
(RIPED)
**China National
Petroleum Corporation
(CNPC)**



Erik Keskula
President
Malaysia
ConocoPhillips

▶ LEADERSHIP COMMITTEES

Advisory Committee Members



Effendy Cheng bin Abdullah
Director
Upstream
Dialog Group



Ahmed Radzif
Head of Commercial and
Strategy
EnQuest



Shane Harris
President
**ExxonMobil
Exploration and
Production Malaysia**



Jason Jeow
Vice President
Business Development
Asia Pacific Halliburton



Zhao Zhiyong
Vice President
Asia
Hess



Kenneth Gerard Pereira
Managing Director
Hibiscus Petroleum



Ignatius Tenny Wibowo
Senior Vice President
Offshore Assets
Medco E&P Indonesia



Yoshihide Kira
Executive Officer
General Manager
Technical Strategy Dept.
**JX Nippon Oil & Gas
Exploration Corporation**



Stefano Raciti
President &
Country Manager
Malaysia
Mubadala Petroleum



Hanif Hashim
General Manager
Petrofac



Adif Zulkifli
Executive Vice
President & CEO
Upstream
PETRONAS



Dr Nasir Haji Darman
Chief Technology Officer
PETRONAS



John Anis
President Director
**PT Pertamina
Internasional EP**



Chayong Borisuitsawat
Executive Vice President
Human Resources,
Corporate Affairs and
Assurance Group
**PTT Exploration and
Production Public
Company Limited**



Muhammad
Zamri Jusoh
Chief Executive
Officer
**SapuraOMV
Upstream**



Amy Chua
President - Asia Basin
Schlumberger



Ivan Tan
Senior Vice President
Upstream and Country
Chairman Malaysia
Shell



Valentina Gabriel
Senior Vice President
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Christophe Dieumegard
Vice President
Subsea Projects &
Commercial Asia Pacific
TechnipFMC



Kaushik Roy
Director of Sales -
Asia
Weatherford

▶ **LEADERSHIP COMMITTEES**

Programme Committee

The Technical Programme Committee is responsible for developing the technical programme for the event, thus is made up of technical experts from the energy industry.

A list of members can be found [here](#).

Chair



Ismail Aslam Abdullah
Head of Wells Malaysia
PETRONAS

Vice Chair



Dr. Terapol Phoonsiri
Senior Vice President,
Malaysia Asset seconded to
PTTEP Sarawak Oil Limited
as **Country Manager,**
Malaysia Asset

Vice Chair



Scott Ferrier
Front End and Systems
Engineering Director
TechnipFMC

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John Jong, **JX Nippon Oil & Gas Exploration (Malaysia) Ltd.**
Kenichi Sagae, **JX Nippon Oil & Gas Exploration (Malaysia) Ltd.**

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Riaz Khan, **PETRONAS**

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David Daniel Johnny, **Sarawak Shell Berhad**

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Yee Kien Peng, **Technip Energies**

Shahreyar Shahyafar, **TechnipFMC**

Eu Shawn Lim, **Universiti Teknologi PETRONAS**

Noor Amila Wan Abdullah Zawawi, **Universiti Teknologi PETRONAS**

Mohamed Latheef, **Universiti Teknologi PETRONAS**

Mohd Shahir Liew, **Universiti Teknologi PETRONAS**

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Subcommittee Vice Chair

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Habil Akram Rosland, **HAR Consulting**
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Tomaso Ceccarelli, **Independent**
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Arun Krishnan, **MODEC Offshore Production Systems (S) Pte Ltd**
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Shankar Bhukya, **NOV Grant Prideco**
Kevin O'Flaherty, **Offshore Decommissioning Services**
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Prady Chaliha, **Osaka Gas Australia**
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Qinghai Yang, **PetroChina Research Institute of Petroleum Exploration & Development**
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Muhammad Hatta Mhd Yusof, **PETRONAS**
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Grant Albert Veroba, **PETRONAS**
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Yuzairy Samsudin, **PETRONAS**
Luky Hendraningrat, **PETRONAS**

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Saiful Azuan Abdul Aziz, **PETRONAS**
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Nunthachai Amaranon, **PTT Exploration and Production Public Company Ltd.**
Gary Ong Swee Hong, **PTTEP Malaysia**

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Noppanan Nopsiri, **PTTEP Sabah Oil Limited**
Rozita Othman, **Saipem Asia/Malaysia Sdn. Bhd.**
Mohd Azreen Zhafran Omar, **Santos Ltd.**
Ho Chooi-Yee, **Sarawak Shell Berhad**
Bong Khin-Fah, **Sarawak Shell Berhad**
Yaw Sheng Ying, **Sarawak Shell Berhad**
Ahmed A. Aleidan, **Saudi Aramco**
Nicholas Moses, **Schlumberger**
Wee Wei Wa, **Schlumberger**
Andrew Baker, **Schlumberger**
Mohd Shafie Jumaat, **Schlumberger**
Muhammad Afiq Zaim Za'ba, **Schlumberger**
Oluwole Talabi, **Schlumberger**
Maria Eugenia Yanez Banda, **Schlumberger NEXt**
Chow Mun Hon, **Shell**
Afriandi Eka Prasetya, **SKK Migas**
Rashidah Karim, **Strohm**
Herve Quintin, **Subsea 7**

Sharifudin Salahudin, **Sutera Energy Solutions**
Salim Taoutaou, **TCOFS Llc.**
Wong Kuek Keong, **Technip Energies**
Maria Papadopoulou, **TechnipFMC**
Iskandar Dzulkarnain, **Universiti Teknologi PETRONAS**
Dzeti Farhah Mohshim, **Universiti Teknologi PETRONAS**
Khaled Abdalla Elraies, **Universiti Teknologi PETRONAS**
Mohammed Abdalla Ayoub, **Universiti Teknologi PETRONAS**
Mysara Eissa Mohyaldinn Elhaj, **Universiti Teknologi PETRONAS**
Shiferaw Regassa Jufar, **Universiti Teknologi PETRONAS**
Syahrir Ridha, **Universiti Teknologi PETRONAS**
Tarek Arbi Omar Ganat, **Universiti Teknologi PETRONAS**
Pham Huy Giao, **Vietnam Petroleum Institute**
Pham Quy Ngoc, **Vietnam Petroleum Institute**
Fikri Irawan, **Weatherford**
Henry Pinkstone, **Wellspec**

► THE MINERALS, METALS & MATERIALS SOCIETY (TMS) SUBCOMMITTEE

Subcommittee Chair

Melissa Chan Chin Han, **Universiti Teknologi MARA**

Subcommittee Vice Chair

Campbell McKenzie, **RSC Mining and Mineral Exploration**

Members

Andrew Spowage, **Queen Mary University of London**
Ong Hock Guan, **Shell Malaysia Exploration**



▶ LEADERSHIP COMMITTEES

Malaysia Task Force

The Malaysia Task Force consists of representatives from relevant stakeholders in Malaysia, with the goal of working together to manage Malaysian interest, in order to ensure the event meets the needs of the local industry.

A list of members can be found [here](#).

Chair



Mohd Redhani Abdul Rahman
Head, Portfolio Intervention
and Transition
PETRONAS

Vice-Chair



Ts Sharifah Zaida Nurlisha
Syed Ibrahim
President
**Malaysian Oil & Gas
Services Council**

The Next Wave

The Next Wave Committee is responsible for organising “The Next Wave”, a special one-day programme for emerging leaders.

A list of members can be found [here](#).

Chair



Nabila Farhana Zainal Abidin
Strategy & Commercial,
Upstream
PETRONAS

Vice-Chair



Jeen Ching
Petrophysicist
DUG



CONFERENCE PROGRAMME SCHEDULE

	Time	Grand Ballroom	Plenary Theatre	Conference Hall 3	Room 401/402	Room 403/404	Room 406/407	Room 408/409
Wednesday, 23 March	1400 - 1530 hours	Opening Ceremony & Distinguished Achievement Award Presentation						
	1530 - 1600 hours	Coffee Break						
	1600 - 1730 hours	Executive Plenary Excellence in Asia: Setting the Pace for Future Energy						
	0900 - 1030 hours	Panel Session 1 Future Offshore Energy	Country Session 1 Japan		Technical Session 1 Project Management Under the New Norm	Technical Session 2 Deepwater Design and Production	Technical Session 3 Offshore Operations and Installations	Technical Session 4 Reservoir Characterisation I - AI Machine Learning
	1030 - 1100 hours	Coffee Break Knowledge Sharing ePoster Session						
	1030 - 1100 hours	Executive Dialogue 1: Kjetel Digre, Chief Executive Officer, Aker Solutions						
	1100 - 1230 hours	Panel Session 2 Making Energy Transition Happen	Country Session 2 Indonesia		Technical Panel 1 Drilling Meets AI	Technical Session 5 Asset Integrity and Facilities Engineering	Technical Session 6 Artificial Lift	Technical Session 7 HPHT
	1230 - 1400 hours	Topical Luncheon sponsored by Mubadala Petroleum						
	1330 - 1400 hours	Executive Dialogue 2: Lorenzo Simonelli, Chairman & CEO, Baker Hughes						
	1400 - 1530 hours	Panel Session 3 Reaching Zero: Towards a Carbon Resilient Value Chain	Country Session 3 Australia		Technical Session 8 Digital Transformation within Well and Subsurface	Technical Session 9 Geotechnical, Geoscience and Geophysics I	Technical Session 10 Unconventional Resources	Technical Session 11 Reservoir Surveillance Technology
	1530 - 1600 hours	Coffee Break Knowledge Sharing ePoster Session						
1530 - 1600 hours	Executive Dialogue 3: Li Luguang, Vice President, PetroChina Co. Ltd., China National Petroleum Corporation							
1600 - 1730 hours	Panel Session 4 Growing Demand for Offshore Gas	Country Session 4 China			Technical Session 12 Contaminated Field Development	Technical Session 13 Pipelines/Umbilicals I	Technical Session 14 Completion and Intervention I	
0900 - 1030 hours	Panel Session 5 Carbon Neutrality: CCUS/CCTUS and Sustainability	Country Session 5 Thailand			Technical Session 15 Digital Transformation in Oil and Gas Facilities	Technical Session 16 Asset Integrity Management	Technical Session 17 Decommissioning and Abandonment	Technical Session 18 Drilling I
1030 - 1100 hours	Coffee Break Knowledge Sharing ePoster Session							
1030 - 1100 hours	Executive Dialogue 4: Girish Saligram, President & Chief Executive Officer, Weatherford							
1100 - 1230 hours	Panel Session 6 Digitalisation in the Post Covid Era: The New Norm for Energy Project Delivery	Country Session 6 Malaysia: Role of Upstream Investments in Ensuring Pragmatic Pathway Towards Net Zero			Technical Panel 2 Decarbonisation of Oil and Gas: Electrification	Technical Session 19 Advances in Flow Assurance	Technical Session 20 Advanced Sand Management Techniques	Technical Session 21 Reservoir Characterisation II - Advanced Reservoir Characterisation
1230 - 1300 hours	Knowledge Sharing ePoster Session							
1230 - 1400 hours	Conference Luncheon							
1400 - 1530 hours	Panel Session 7 Offshore Decommissioning in Asia: A Sustainable Roadmap	Country Session 7 Malaysia Bid Round 2022			Technical Session 22 Net Zero Carbon Emission Reduction	Technical Session 23 Geotechnical, Geoscience and Geophysics II	Technical Session 24 New Approaches to Sand Control	Technical Session 25 Completion and Intervention II
1530 - 1600 hours	Coffee Break Knowledge Sharing ePoster Session							
1600 - 1730 hours	Panel Session 8 Automation and Remote Operations: Safety and Efficiency	Country Session 8 South Korea			Technical Session 26 Facilities Engineering	Technical Session 27 Materials, Corrosion, Insulation and Inspection	Technical Session 28 Reservoir Modelling Technology	
0900 - 1030 hours	Panel Session 9 Deepwater Technology and Development				Technical Session 29 IOR & EOR	Technical Session 30 CO ₂ Storage	Technical Session 31 Pipelines/Umbilicals II	Technical Session 32 Drilling II
1030 - 1100 hours	Coffee Break Knowledge Sharing ePoster Session							
1100 - 1230 hours	Panel Session 10 Next Generation Workforce and Talent			The Next Wave a development programme for future leaders	Technical Session 33 Sustainability through Operational Excellence	Technical Session 34 Subsea Production and Processing		Technical Session 35 Cementing
1230 - 1430 hours	Conference Luncheon							
1430 - 1600 hours	Panel Session 11 Extending Late Life Assets: Subsea and Surface				Technical Session 36 IOR & EOR: Emerging Technologies in Waterflooding Applications	Technical Session 37 Technical Integrity and Process Safety	Technical Session 38 Marginal Fields	Technical Session 39 Machine Learning

■ Opening/Executive Session
 ■ Panel Session
 ■ Country Session
 ■ Technical Panel Session
 ■ Technical Session
 ■ Development Programme

▶ OPENING CEREMONY

Tuesday, 22 March | 1400-1530 hours

The Opening Ceremony will include a keynote address by a government official and include remarks by Datuk Tengku Muhammad Taufik, President and Group CEO, PETRONAS and Paul Jones, Chair, OTC Board of Directors.

Attendance at the Opening Ceremony & Distinguished Achievement Award Presentation will include representative from government ministries and departments, as well as leaders, senior management, and technical professionals from offshore energy resources industries.



The Honourable
Dato' Sri Mustapa bin Mohamed
Minister in the Prime Minister's
Department (Economy)



Datuk Tengku Muhammad Taufik
President and Group CEO
PETRONAS



Paul Jones
Chair
OTC Board of Directors



Distinguished Achievement Awards



The OTC Asia Distinguished Achievement Awards, modelled after the prestigious awards at the Offshore Technology Conference (OTC), recognises major technological, humanitarian, environment, and leadership contributions to the industry.

The Distinguished Achievement Awards recognise two categories of recipients; the Distinguished Achievement Award for Individuals and the Distinguished Achievement Award for Companies, Organisations and Institutions.

The OTC Asia 2020 award recipients will be announced in January 2022 and recognised during the Opening Ceremony.

▶ EXCELLENCE IN ASIA: SETTING THE PACE FOR FUTURE ENERGY

Tuesday, 22 March | 1600-1730 hours



Mansoor Mohamed Al Hamed
Chief Executive Officer
Mubadala Petroleum



Adif Zulkifli
Executive Vice President &
Chief Executive Officer,
Upstream
PETRONAS



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



Datuk Mohd Anuar Taib
Group Chief Executive Officer
Sapura Energy Berhad



Amy Chua
President - Asia
Schlumberger



Peter Costello
Executive Vice President,
Conventional Oil & Gas
Shell



Menno Weustink
Acting Executive Vice
President Development
Woodside Energy

Asia continues to thrive as a centre of excellence by being agile in responding to crises, integrating robustness in business models and strategies against disruptions, and advancing innovations in technologies and digitalisation, to enable the next generation workforce to forge on for a lower carbon world.

This session will discuss:

- How can technology breakthroughs and innovations set the pace for transition and future energy?
- Which business models are best suited to capture emerging growth opportunities?
- What does the next phase of the energy transition look like?
- How is the industry addressing the challenges of the energy transition?
- What are the key lessons being learned?
- What new approaches are being pioneered in Asia?
- What are the successful strategies that have been adopted elsewhere that could be applied in Asia?

▶ EXECUTIVE DIALOGUES: INTERVIEWS



Kjetel Digre
Chief Executive Officer
Aker Solutions



Lorenzo Simonelli
Chairman &
Chief Executive Officer
Baker Hughes



Li Luguang
Vice President
PetroChina Co. Ltd.
**China National
Petroleum Corporation
(CNPC)**



Girish Saligram
President &
Chief Executive Officer
Weatherford

The OTC Asia Executive Dialogue interviews are exclusive one-to-one interviews with the industry's top leaders on significant trends, technology breakthroughs and innovative business strategies addressing the conference theme, "Excellence in Asia: Setting the Pace for Future Energy".

▶ **FUTURE OFFSHORE ENERGY**

Wednesday, 23 March 2022 | 0900-1030hours | Grand Ballroom, Level 3

Speakers



Dou Lirong
Executive Vice President
Research Institute of
Petroleum Exploration &
Development (RIPED)
**China National
Petroleum Corporation
(CNPC)**



Eka Satria
Chief Executive Officer
Medco Power



Miranda Taylor
Chief Executive Officer
**National Energy
Resources Australia
(NERA)**



Charlotte Wolff-Bye
Chief Sustainability
Officer
PETRONAS



Thierry Conti
Senior Vice President
Commercial
TechnipFMC

Moderators



Melissa Yap
Senior Manager
Deloitte Consulting SEA



Stuart Smith
Chief Executive Officer
NOPSEMA

The need for energy is growing globally. This trend is expected to continue over the coming decades, spurred on by population growth and rising standards of living. While conventional fuels like coal, oil, condensate, natural gas and nuclear are predicted to continue playing an important role in global energy supplies; alternatives like wind, solar, wave and geothermal energy are rapidly becoming cost-competitive and supporting emissions targets.

The supply of these alternatives over recent years has been remarkable, driven by technological advances, improved policy settings and innovations in exploration, production, and distribution. Further growth in the supply of alternative fuels is expected, with products like hydrogen and ammonia predicted to assume a significant share of the global energy mix. This panel will explore these emerging trends in energy supply and consider the implications for existing and future industry participants.

▶ **MAKING ENERGY TRANSITION HAPPEN**

Wednesday, 23 March 2022 | 1100-1230hours | Grand Ballroom, Level 3

Speakers



Witsarut Thungsuntonkhun
Director
International Petroleum
Management
**Department of Mineral Fuels
Ministry of Energy
Thailand**



Nasir B Darman
Chief Technology Officer
PETRONAS



Iman Rachman
Director of Strategy
Portfolio, and Business
Development
PT Pertamina (Persero)



Frederik Majkut
Marketing & Strategy
Director – Asia
Schlumberger

Moderators



Murali Raghunathan
Specialist (Reservoir
Engineering)
PETRONAS Carigali Sdn. Bhd.



Julie Morgan
Chief Flow Assurance
Engineer
Woodside Energy Ltd

Energy transition is necessary! The downshift of fossil fuel production to stay within the carbon emissions budget to limit global warming to 1.5°C must happen. A company's ESG (Environmental, Social and Governance) rating is a measure of its resilience to such long-term risks and key to attracting investors. How will embracing energy transition impact a company's ESG rating? Simplistically, how do we bring about a life-form sustainable world while ensuring a business sustainable world? There seem to be three paths:

1. Do what we do, but better. For example, improve operational performance and reduce costs while reducing carbon intensity
2. Broaden the nature of our energy. For example, convert hydrocarbons to power or other fuels such as hydrogen
3. Become low-carbon leaders. That is, change the nature of our business and take carbon out of the atmosphere

Rapid response is essential to meet the 2050 timeline. However, our industry thinks in terms of short-range goals and prefers proven solutions with low risks. Can we establish a framework which will enable an integrated approach across the value chain for industries and companies of all sizes to accelerate the adoption of new technologies and shift in the way of working required? Collaboration between organisations can drive this innovation through knowledge exchange. But only if we play fair! How can we protect intellectual property, together with the unique factors that each organisation considers as their leading attribute in their respected market? What are the other concerns which inhibit true co-operation between parties and may cause us to stumble rather than achieve the required energy transition?

This panel will discuss this stimulating topic and focus on how to create effective industry collaborations during the energy transition process. What theoretical models are available and how can they be transformed into successful agreements? What will the energy company of the future look like? Will we sustain life and business?

▶ REACHING ZERO: TOWARDS A CARBON RESILIENT VALUE CHAIN

Wednesday, 23 March 2022 | 1400-1530hours | Grand Ballroom, Level 3

Speakers



Rapheal Erasmus
Managing Director
APAC Head of
Sustainability and
Corporate Transitions
Citi



Concetto Fischetti
Energy Transition
Director
IOGP



Mahesh Swaminathan
Senior Vice President
Asia Pacific
Subsea & Deepwater
McDermott



Azrina Abdullah
Head, Sustainability
(Downstream)
PETRONAS



Karen Westley
Vice President
Carbon and
Environment
Shell

Moderators



Atikah Jehan
Commercial Advisor
Shell



Alexon Jong
Operations Manager
Shell

Humanity is facing the biggest crisis of our time due to global warming resulting from the increasing level of Greenhouse Gas (GHG) in the atmosphere contributed through our dependency on fossil fuels. The impact of this GHG increase could potentially result in irreversible changes to global climate leading to submerging cities, famine brought by drought and extreme weather conditions that can prove disastrous to the continuity and well-being of future generations.

Whilst today's society demand for energy will continue to increase, the desire will be for cleaner energy driven by the increasing awareness of the existential threat posed by global warming. This shift in expectation for cleaner energy is evident from increasing public opinion aimed at compelling businesses to take urgent action to be carbon neutral. The dilemma is that there are no immediate alternatives to fossil fuels that could meet these energy demands. The world will continue to rely on fossil fuels in the energy mix of supply and demand to improve living standards of billions and to further lift millions out of poverty.

Nevertheless, we should expect that public pressure will be mounting for businesses to address this predicament. At some point, a regulatory change aimed to reduce GHG emissions will need to be introduced on a wider scale, potentially, implementation of a carbon tax and/or introduction of tax on carbon-intensive goods, as a start. The oil and gas industry needs to adapt to this changing landscape and to do so urgently to prevent irreversible damage to the global climate and to survive in the energy transition. In short, there is an irrefutable necessity for the industry to be carbon resilient. The question remains, how will we play our part to get there?

This panel will focus on how the industry can achieve carbon resilience with insights from our panelists through pathways such as:

- Driving better carbon performance in existing value chains (Reducing Scope 1 & Scope 2 emissions and electrification)
- Exploring opportunities to decarbonise across the entire existing value chain
- Creating policy and collaboration framework/s
- Creating a sustainable business model and strategy aimed toward carbon neutrality

▶ GROWING DEMAND FOR OFFSHORE GAS

Wednesday, 23 March 2022 | 1600-1730hours | Grand Ballroom, Level 3

Speakers



Pradeep Kumar
Global Key Accounts Director
Turbomachinery &
Process Solutions
Baker Hughes



Abdul Aziz Othman
President
**Malaysia Gas
Association (MGA)**



Naser Al Hajri
Senior Vice President
Operations - Southeast Asia
Mubadala Petroleum



Kunatip Pasuvanichphong
Executive Vice President
Natural Gas Supply & Trading
PTT Public Company Limited

Moderators



Raj Deo Tewari
Chief Scientist
**PETRONAS Research
Sdn. Bhd.**



Muhamad Sallehuddin Abd Jabar
Head Process
Group Technical Solution (GTS)
PETRONAS

Energy demand is increasing at a greater pace in Asia due to fast economic development and urbanisation. While renewable energy resources can provide energy without the side effects of using fossil fuels in some sectors, it will take some time for a major transformation in the overall energy mix. Natural gas - the noble fossil fuel of the 21st century - with an increasing consumption of nearly 30% in the last decade would contribute significantly to meet the energy demand. The conversion of natural gas into LNG has made it possible to transport the gas to distant places in various countries where the requirement is more. Therefore, natural gas which is also less GHG-emitting, would play the role of transition fuel. As a result, the markets have shifted from a traditional model of a limited number of buyers and suppliers to an accelerated growth market.

The growth of the gas sector brings in three types of challenges: Business strategies, technology, and project execution. New projects and technology development are taking place at an accelerated pace for monetisation of contaminated and isolated stranded gas fields. These efforts open a wide scope for innovative and collaborative technologies and project execution to be brought forward with operators to meet the challenges set out by business strategies. These innovations can be implemented with a structured approach towards balancing cost, quality, reliability, safety, and sustainability in the long term.

This panel session will focus on market development, demand, game-changing technologies and approaches, as well as lessons learnt from the gas sector to capture the growth potential in an increasingly competitive market.

▶ **CARBON NEUTRALITY: CCUS/CCTUS AND SUSTAINABILITY**

Thursday, 24 March 2022 | 0900-1030hours | Grand Ballroom, Level 3

Speakers



Du Weidong
Vice President
Research Institute of
Safety & Environment
Technology
**China National
Petroleum
Corporation (CNPC)**



Robert Bruce
Director of Business
Development
Petrofac



Chen Kah Seong
Vice President
Upstream Center
of Excellence
PETRONAS



Nopasit Chaiwanakupt
Senior Vice President,
New Business Division
**PTT Exploration and
Production Public
Company Limited**



Jorunn Skjermo
Senior Research
Scientist
SINTEF

Moderator



Rahim Masoudi
GTA & Custodian-
Reservoir Engineering
Resource Development &
Management
Malaysia Petroleum
Management
Upstream Business
PETRONAS

Net Zero Carbon future is a common goal in the industry and amongst key IOCs & NOCs. Hence, development of decarbonisation roadmaps around the globe is crucial to the energy industry in achieving this target. The topic of carbon is a growing concern and it quickly rose as a high priority on corporate agendas in the last few years. As the focus on decarbonisation intensifies and the regulations and standards are becoming more stringent worldwide, operators are closely examining the carbon content of their assets and operations. In the Asia Pacific region, there are many gas and high carbon dioxide fields that sit in portfolios and on balance sheets as potential commercial investments. To ensure long term business growth and sustainability, the Carbon Capture, Transport, Utilisation and Storage (CCTUS) technology is a key pillar in transforming energy sectors by removing CO₂ emissions from the environment.

Decarbonisation is a challenging journey for most companies. Balancing the provision of affordable energy while generating revenue, focusing on resource development, carbon-mitigation schemes and satisfying stakeholders is a great challenge. In addition to that, solid regulation and standardised platforms together with innovative commercial and business models, as well as government support and tax regimes, are also key enablers to efficient CCS, CCTUS and decarbonisation strategies.

▶ **DIGITALISATION IN THE POST COVID ERA: THE NEW NORM FOR ENERGY PROJECT DELIVERY**

Thursday, 24 March 2022 | 1100-1230hours | Grand Ballroom, Level 3

Speakers



Matthias Gatzen
Digital and Automation
Global Director
Oilfield Services
Baker Hughes



Panu
Boonwattanopas
Drilling
Superintendent
Chevron Thailand



Carl Fehres
Vice President
Digital Strategy
NOV



Shahrudin Hamid
Mustapha
Head
Digital Excellence
Group Digital
Project Delivery &
Technology
PETRONAS



Laurent Pagnon
Vice President Digital &
New Business Ventures
TechnipFMC

Moderators



Grant Albert Veroba
Custodian
Frontend
PETRONAS



Anwarudin Saidu Mohamed
Chief Technology Officer
**Reservoir Link Energy
Berhad**

The oil and gas industry is not new to volatility. However, in recent years, the industry faced unprecedented ‘black swan events’ including demand disruption caused by the Covid-19 pandemic and oversupply in the market. These conditions have pressured oil and gas companies to reduce costs, increase efficiencies and adapt new business models to remain competitive.

Experts also believed that these situations will positively accelerate digitalisation of strategic and operational processes within oil and gas. On top of increasing productivity and cost savings, the biggest advantage of adopting digital technologies may be the resilience that these technologies offer to weather the downturns that the industry is prone to.

While digitalisation could be a primary source of positive change, there are also many challenges that need to be addressed to realise its full potential. The increase in digitalisation has created new risks around data privacy, security, challenges related to rapid changes in the digital world that includes a complex web of interdependencies between technologies, and many more.

The important question that oil and gas companies need to answer is - “Are we ready to embrace digitalisation?” This session will provide interesting insights from both operators and services companies into discussions on:

- Digital technology implementation through life-of-field from the field development stage to engineering and construction through sharing of successful case studies
- Cultural transformation that includes change management practices, and maintenance of digital technologies
- Knowledge management within the digitalisation space
- Effective transition throughout the project lifecycle via the integration of cross-domains

▶ OFFSHORE DECOMMISSIONING IN ASIA: A SUSTAINABLE ROADMAP

Thursday, 24 March 2022 | 1400-1530hours | Grand Ballroom, Level 3

Speakers



Jay Southwell
Oilfield Equipment Services
Leader, Asia-Pacific
Baker Hughes



Martha Vasquez
Associate Director,
Upstream Oil & Gas
BCG



Philip Whittaker
Partner and Director,
Oil & Gas
BCG



David Christensen
Manager
Decommissioning
NOPSEMA



Shahril Ridzaudin
B Mohd Mokhtar
General Manager,
Head of Well Systems &
Engineering Solutions,
Wells COE
PETRONAS



Pheerasak Phanichtraiphop
Manager
Decommissioning Section
**PTT Exploration and
Production Public Company
Limited**



Sophia Kangan
Advisor Innovation Process &
Facilities
PT Pertamina Hulu Energi

Moderators



Mohamad Ikhranizam
Mohamad Ros
Head, Decommissioning &
Abandonment
PETRONAS



Noor Amila Wan Abdullah Zawawi
Director
Universiti Teknologi PETRONAS

Decommissioning takes place at the end of asset life and the region is projected to become the next hotspot for decommissioning and abandonment (D&A) activities. Throughout the years, efforts from various perspectives such as technology, innovation, regulatory framework, finance, environment, and socio-economy have been brought forward to mitigate the region's D&A challenges and it is notably important to harmonise these dichotomous efforts into a sustainable D&A solution.

This session will provide insights into enhancement of the 5Rs (Restore, Reduce, Reuse, Recycle and Revive), as well as the potential synergy and integration of the D&A value chain and ecosystem for the upstream, midstream, and downstream segments.

This panel will also delve deep into conversation on regional collaboration to address its pain points, roadmap, timing as well as the forces that shape D&A collaborations. Given the numerous decommissioning technologies developed across the globe, the panel will also examine the breadth of D&A technology usefulness and its applicability to future D&A work. In view of tremendous efforts on climate change, this session will also synthesise the history of the D&A industry to form a new perspective with regards to planning and execution strategies as a new space in the D&A market structure. With all the challenges and potential presented by D&A, panellists will also discuss how a successful D&A ecosystem will look like and how it will eventually be the cornerstone of sustainable D&A solutions.

▶ **AUTOMATION AND REMOTE OPERATIONS: SAFETY AND EFFICIENCY**

Thursday, 24 March 2022 | 1600-1730hours | Grand Ballroom, Level 3

Speakers



Thana Slanvetpan
General Manager
**AI & Robotics
Ventures Co., Ltd.**



Samuel Rocher
President
Cybernetix



Suhairi Saharudin
Senior Staff
Researcher
MIMOS Berhad



Mohd Zamri Abdul
Ghani
Head (JV Malaysia -
Sector 2)
**PETRONAS Carigali
Sdn. Bhd.**



Anwarudin Saidu
Mohamed
Chief Technology
Officer
**Reservoir Link
Energy Berhad**



Meng Keong Lee
Managing Director
East Asia
Schlumberger

Moderator



Lim Eu Shawn
Head
Consultancy & Project Delivery
Universiti Teknologi PETRONAS

The automation and remote operations environment has taken the world by storm. It is just a matter of time that automation and remote operations will be a major part of the industry. However, the speed of adopting automation and remote operations in the oil and gas sector seems to be at a slower pace compared to other industries, such as shipping, aviation, logistics and automotive.

Automation and remote operations improve the safety of personnel onboard through intelligent hazard identification, AI red zones hazard monitoring, manpower reduction that leads to less human intervention, and better solution recommendations based on existing populated data. Automation and remote operations also improve operational efficiency through dynamic automated corrective actions to prevent certain problems from becoming more serious.

The slow adoption of automation and remote operations in the oil and gas sector could have been contributed to the economic bottom line; however, a cultural change seems to be more accurate. The sector is comfortable with the old ways and not agile enough to adopt to change to these new territories. Few which have adopted to automation and remote operations have seen safety improvements and cost reduction, spurring many companies to be more open to testing these new territories.

This session will discuss the benefits of automation and remote operations in detail and what it takes to speed up the adaptation of these technologies in the oil and gas sector.

▶ DEEPWATER TECHNOLOGY AND DEVELOPMENT

Friday, 25 March 2022 | 0900-1030hours | Grand Ballroom, Level 3

Speakers



Tarmizi Yusof Azuddin
Head of Malaysia
Engineering, Construction and
Development Project (PLE)
**PTT Exploration and
Production Public Company
Limited**



Prithipal Singh
General Manager, Deepwater
Shell Malaysia Upstream



Christophe Dieumegard
Vice President Subsea
Projects APAC
TechnipFMC



Depinder Sandhu
Chief Technology Officer
Weatherford

Moderators



Dipak Mandal
Independent Reservoir
Consultant

Deepwater and ultra-deepwater exploration remain a new frontier in the Asia Pacific region, and these explorations present a host of challenges. Technological advancements are guiding businesses in areas of operational decision making, cost optimisation, risk management and improving safety and efficiency. This panel session will discuss how closer partnerships and collaboration between operators and services companies can produce environmentally friendly innovations, operational best practices and lesson learnt to sustain the production and operation of deepwater fields.

▶ NEXT GENERATION WORKFORCE AND TALENT

Friday, 25 March 2022 | 1100-1230hours | Grand Ballroom, Level 3

Speakers



Shireen Amir Khan
Operation Geologist
ConocoPhillips



Akmal Niza Ahmad
Head, Human Resource
Management, Upstream
PETRONAS



Henricus Herwin
Vice President,
Upstream Business
Development
**PT Pertamina
Hulu Energi**



Vimi Venugopal
Director, People &
Culture Malaysia,
HRBP REMS &
GF APAC
TechnipFMC



Jeff Whitney
Geozone Vice President
for Asia
Weatherford

Moderators



Cepi Adam
Chief Development
Geophysicist
PT Pertamina Hulu Energi



Maria Papadopoulou
TSP Manager
TechnipFMC

Today's workplace is virtually unrecognisable from what it was a decade ago. And with the ongoing pandemic, the years to come will be even more different. What are the new norms? Are there great expectations about talent management, and how do organisations keep up with the constant dynamic changes of tomorrow? What will be the impact in reskilling and upskilling the workforce? How will important knowledge and experience be transferred to new generations entering the industry to avoid mistakes of the past from being repeated? How difficult will it become to attract and retain new graduates, and how collaboration with academia should evolve to address it? Fluctuating markets and rapidly changing technology will impact energy industries and how will organisations manage their sustainable operations and talent/workforce? How does "lean" and "being agile" reflect in various organisations' attempts to sustain their operations, stay current and provide a workplace that is meaningful for its employees (older and younger generations in a constant changing industry), while creating the right environment for success?

During this session, current and future approaches to sustainable operations and talent management (assessment, retention and development) will be discussed. It will also address how to improve talent engagement and what the future holds for the most important tool in our industry's kit – the human resources of its organisation.

▶ EXTENDING LATE LIFE ASSETS: SUBSEA AND SURFACE

Friday, 25 March 2022 | 1430-1600hours | Grand Ballroom, Level 3

Speakers



Achmad Agus M
General Manager
PHE ONWJ



Pundit Tharanamai
Vice President
attached to SVP
Joint Venture Asset s/c to
CPOC as Senior Manager
Development & Production
Division
**PTT Exploration and
Production Public Company
Limited**



Mohd Shahrin Saad
Chief Executive Officer
**Setegap Ventures Petroleum
Sdn. Bhd.**



Rakesh Rai
Global Manager
Services - Digital Solutions
Weatherford

Moderator



Iskandar Dzulkarnain
Head
Centre for Research in EOR
**Universiti Teknologi
PETRONAS**

As the world seeks to reduce its dependency on fossil fuels contribution to the energy mix, there will be increased pressure on existing oil and gas assets to deliver maximum economic value while simultaneously reducing environmental impact. How do operators of mature offshore oil and gas fields optimise the extraction of value from their late-life subsea and surface assets under evolving economic conditions in the age of the energy transition?

In this session, industry leaders will discuss and highlight developments in several key areas that are important for extending the life of assets including:

- Effective and sustainable enhanced oil recovery (EOR) to maximise recovery factors at abandonment
- New operating models to achieve cost reduction and remain profitable
- Practical use of new technologies to reduce waste and inefficiency
- The potential for reusing assets for new business opportunities such as carbon capture and storage (CCS); and
- Safe management of the integrity of surface facilities and equipment as they approach the end of their design life.

Important developments in these key areas as well as the expected challenges will be discussed. The role of new technologies and business models to delay the day of decommissioning will also be covered and insights and lessons learnt from experience in extending late-life assets will be shared.

▶ COUNTRY SESSIONS

Country sessions will provide in-depth coverage of the latest oil and gas/energy development in Asia and beyond. In addition to country briefings that include market outlook, investment climate and opportunities, these sessions will also highlight industry and technological advancements in recent and on-going notable projects.

The sessions will incorporate both presentations and panel discussions led by subject matter experts from government and regulatory bodies, national and independent oil companies, service companies and various energy players active in featured countries.



Country Session 1

Japan

Wednesday, 23 March | 0900-1030 hours | Plenary Theatre, Level 3



Country Session 2

Indonesia

Wednesday, 23 March | 1100-1230 hours | Plenary Theatre, Level 3



Country Session 3

Australia

Wednesday, 23 March | 1400-1530 hours | Plenary Theatre, Level 3



Country Session 4

China

Friday, 25 March | 1100-1230 hours | Plenary Theatre, Level 3



Country Session 5

Thailand

Thursday, 24 March | 0900-1030 hours | Plenary Theatre, Level 3



Country Session 6

Malaysia: Role of Upstream Investments in Ensuring Pragmatic Pathway towards Net Zero

Thursday, 24 March | 1100-1230 hours | Plenary Theatre, Level 3



Country Session 7

Malaysia Bid Round 2022

Thursday, 24 March | 1400-1530 hours | Plenary Theatre, Level 3



Country Session 8

South Korea

Thursday, 24 March | 1600-1730 hours | Plenary Theatre, Level 3

► TECHNICAL PANEL SESSIONS

Technical Panel sessions are technology-focused or project-focused sessions. The sessions will gather technical and subject matter experts to share new and emerging technological advances or highlight projects with new or significant technological achievements.

Technical Panel 1

Drilling Meets AI

Wednesday, 23 March • 1100-1230 hours • Room 401/402, Level 4

Technical Panel 2

Decarbonisation of Oil and Gas: Electrification

Thursday, 24 March • 1100-1230 hours • Room 401/402, Level 4



► TECHNICAL AND KNOWLEDGE SHARING ePOSTER SESSIONS

More than 330 technical presentations across a vast variety of technical topics will be presented at the Technical and ePoster Sessions.

Technical Sessions include:

- Advanced Sand Management Techniques
- Advances in Flow Assurance
- Artificial Lift
- Asset Integrity and Facilities Engineering
- Asset Integrity Management
- Cementing
- CO₂ Storage
- Completion and Intervention I, II
- Contaminated Field Development
- Decommissioning and Abandonment
- Deepwater Design and Production
- Digital Transformation in Oil and Gas Facilities
- Digital Transformation within Well and Subsurface
- Drilling I, II
- Facilities Engineering
- Geotechnical, Geoscience and Geophysics I, II
- HPHT
- IOR & EOR
- IOR & EOR: Emerging Technologies in Waterflooding Applications
- Machine Learning
- Marginal Fields
- Materials, Corrosion, Insulation and Inspection
- Net Zero Carbon Emission Reduction
- New Approaches on Sand Control
- Offshore Operations and Installations
- Pipelines/Umbilicals I, II
- Production Maintenance and Chemistry
- Project Management Under the New Norm
- Reservoir Characterisation I - AI Machine Learning
- Reservoir Characterisation II - Advanced Reservoir Characterisation
- Reservoir Modelling Technology
- Reservoir Surveillance Technology
- Subsea Production and Processing
- Sustainability through Operational Excellence
- Technical Integrity and Process Safety
- Unconventional Resources

Find out more from the OTC Asia 2022 website



► RECOGNITION PROGRAMMES



Distinguished Achievement Awards



The Offshore Technology Conference Asia (OTC Asia) Distinguished Achievement Awards, modelled after the prestigious awards at the Offshore Technology Conference (OTC), recognises major technological, humanitarian, environment, and leadership contributions to the industry.

The Distinguished Achievement Awards recognise two categories of recipients; the Distinguished Achievement Award for Individuals and the Distinguished Achievement Award for Companies, Organisations and Institutions.

The OTC Asia 2022 award recipients will be announced in January 2022 and recognised during the Opening Ceremony scheduled 1400-1530 hours on Tuesday, 22 March.

OTC Asia 2020 Distinguished Achievement Award Recipients

Individuals



Kevin Owens

Heritage Award



Dato' Mohamad Idris Mansor

Special Citations



Phongsthorn Thavisin



Zhu Weilin

Companies, Organisations and Institutions



Greater Enfield Project by Woodside Energy

Check out previous OTC Asia Distinguished Achievement Award recipients



► RECOGNITION PROGRAMMES

SpotlightSM
on new
TECHNOLOGY



OTC Asia recognises innovative technologies with the Spotlight on New Technology® Award. This recognition programme is exclusively for OTC Asia exhibitors. The programme recognises the latest and most advanced technologies from the region that are leading the industry into the future. Recipients of the OTC Asia 2022 Spotlight on New Technology Awards will be announced in January 2022.

OTC Asia 2020 Spotlight on New Technology Award Recipients:

- Halliburton, producer of Relay™ Digital Slickline System
- Halliburton, producer of Earthstar® 3D Ultra-Deep Resistivity 3D Inversion
- Khrone, producer of Advances in High Capacity Straight Tube Coriolis Flowmeters
- NGLTech Sdn Bhd, producer of Multifunctional Production Unit (MPU)
- NGLTech Sdn Bhd, producer of Volatile Organic Compound Recovery System (VOC-RS)
- Schlumberger, producer of Irisphere Look-Ahead-While-Drilling Service
- Schlumberger, producer of OneSubsea Subsea Modular Injection System
- Synergy Oil and Gas Engineering, producer of Syn Jet Pump
- Synergy Oil and Gas Engineering, producer of Thermodynamic Collision
- Valvetight, producer of DBB-Saver (Double Block & Bleed Saver)
- Weatherford, producer of Magnus™ Rotary Steerable System
- Weatherford, producer of Victus Intelligent Managed Pressure Drilling



Check out the winning technologies from OTC Asia 2020





Welcoming the New Energy Mix: Adapting and Staying Relevant

Friday, 25 March | 0900-1600 hours

The Next Wave is a programme for energy professionals under the age of 36 or with less than 10 years working experience in the oil and gas industry. This programme offers participants an opportunity to network with seasoned professionals, learn about pressing challenges and opportunities in the industry, and receive guidance on how to make the most of their careers.

Energy is a vital element in our life. Not only is it an enabler for economic development, it improves living standards and fuels growth as well. With the expanding population and world economy, the global energy demand is expected to increase. This will require us to provide not just energy, but also cleaner energy as we transition to a world with a lower carbon footprint. The adoption of the “Sustainable Development Goals (SDG)” and “The Paris Agreement” on Climate Change are two ground-breaking world-agreements aimed at setting a new direction for an energy revolution across the globe. Energy is key to sustaining development, while sustainable development requires sustainable energy. Sustainable development is development that meets the needs of the present without compromising future generations to meet their needs. And this requires a cleaner and more efficient energy mix today.

An increasing number of companies are taking initiatives to collaborate with local authorities in diversifying their businesses in new or alternative energy. The driving force for the industry to rethink its strategies is not just from the low oil price in recent years, but also due to rising global demand for cleaner energy. As the industry aspires to deliver sustainable energy, what are the challenges the industry must overcome? How can current and future energy leaders reinvent the industry framework to provide solutions and move beyond the current boundaries to accommodate increasing energy demand?

In the process of achieving energy efficiency, the pursuit of technological innovations (i.e. digitalisation, artificial intelligence, etc.) have also led to new opportunities. As the energy industry transforms, professionals at all levels are expected to advance and position themselves in the new business framework. How do Young Professionals (YPs) maximise their potential in this changing energy landscape and embrace these new opportunities? What is the roadmap to ensure a successful career in the energy industry?

The Next Wave program at OTC Asia 2022 invites Young Professionals to learn more about the way forward of the energy industry, provide an enriching platform for participants to engage in industry and career related discussions with seasoned energy leaders, as well as exchange ideas with like-minded peers.

Programme

0930 – 0940 hours Welcome & Introduction

0940 – 1015 hours Keynote

1015 – 1100 hours Group Photo & Coffee Break

1100 – 1230 hours Panel Session: Next Generation Workforce and Talent

1230 – 1400 hours Networking Luncheon

1400 – 1545 hours Mentoring Session

1545 – 1600 hours Closing Remarks

Highlights



100+
participants



20+
organisations



10+
countries



20+
speakers



8+ hours
of networking

UNIVERSITY
R&D
SHOWCASE AND
CHALLENGE



The OTC Asia University R&D Showcase provides universities with a strategic platform to present and showcase R&D projects to help advance the offshore energy resources industries. This is an opportunity for colleges, universities and institutions to:

- **SHOWCASE** their R&D project at the largest offshore energy event in Asia.
- **RECEIVE FEEDBACK** on their R&D project from industry stakeholders on how your R&D project can be applied practically.
- **COLLABORATE** with industry professionals to further develop their R&D projects.
- **NETWORK** and **BUILD** relationships with energy professionals from across the globe.
- Take advantage of the OTC Asia platform for **PERSONAL DEVELOPMENT**.

ENERGY4ME TEACHER
STEM WORKSHOP



The Energy4me Teachers STEM Workshop welcomes STEM teachers (educators who teach science, technology, engineering, or mathematics) to this complimentary virtual programme that will arm educators with lesson plans covering topics relating to energy production, and insights into the positive impact the energy sector has on society. Teachers receive access to hands-on training materials from qualified facilitators, listen to presentations from prominent energy professionals, and learn about technology showcased at the exhibition.

Co-Sponsored by

ConocoPhillips

ExxonMobil

▶ LIST OF EXHIBITORS

Company Name	
ABL Energy & Marine Consultants Pte Ltd	Neway Valve (Suzhou) Co., Ltd
ABS & Affiliated Companies	Norway Pavilion
Ace Oil Tools AS	Obuoy Well Solutions (OWS) Sdn Bhd
Air Drilling Associates (ADA)	Odfjell Well Services Limited
Aker Solutions	Oliasoft AS
Baker Hughes	Orange Delta Pte Ltd
Bureau Veritas (M) Sdn Bhd	Panah Jaya Services Sdn Bhd
China Petroleum Pipeline Engineering Company Limited	Pantech Group
Constien & Associates, Inc.	PetroGroup Sdn Bhd
Crescent Engineering (M) Sdn Bhd	Petroliam Nasional Berhad (PETRONAS)
Destini Oil Services Sdn Bhd	Progressive Impact Corrosion Sdn Bhd
Dialog Group Berhad	PTT Exploration and Production Public Company Limited
DNV Singapore Pte. Ltd.	Quartzelec Sdn Bhd
Draeger Malaysia Sdn Bhd	Regoms Engineering (M) Sdn Bhd
East One-Zero-One Sdn Bhd	RelyOn Nutec
ENE Petro Services Sdn Bhd	RESMAN AS
Eureka Efektif Sdn Bhd	Sabah International Petroleum Sdn Bhd
Goforth Corporation Sdn Bhd	Saga Sinarmas Sdn Bhd
HHA Associates Sdn Bhd	Schlumberger
Hunting Energy Services	Society for Mining, Metallurgy & Exploration (SMENET)
i.safe MOBILE SEA Pte Ltd	Society of Exploration Geophysicists (SEG)
IEV Group Sdn Bhd	Sonomatic Sea Sdn Bhd
Inductosense Limited U.K.	Southeast Asia Chapter (SEAC) of the International Association of Drilling Contractors (IADC)
Institute of Materials, Malaysia (IMM)	Specialized Oilfield Products LLC
Intero Integrity Services Sea Sdn Bhd	SPP Pumps Limited
Interwell Malaysia Sdn Bhd	Strategic Marine (S) Pte Ltd
ITS Testing Services (M) Sdn Bhd	Strato Solutions Sdn Bhd
Kaefer (M) Sdn Bhd	T7 Global
Kongsberg Digital AS	Technip Energies
Krohne Emas Oil and Gas Sdn Bhd	TechnipFMC
Lokit Polymer Sdn Bhd	The Malaysian Oil & Gas Services Council (MOGSC)
Malaysia External Trade Development Corporation (MATRADE)	TLP Terminal Sdn Bhd
Malaysia Gas Association (MGA)	Turcomp Engineering Services Sdn Bhd
Malaysia Marine and Heavy Engineering Holdings Berhad	Universiti Teknologi PETRONAS
Malaysia Petroleum Resources Corporation (MPRC)	Vantage Energy Group Sdn Bhd
Malaysian Investment Development Authority (MIDA)	Weatherford
Malaysia Pavilion	WHA Oil & Gas Sdn Bhd
MISC Berhad	Wuhan Linmei Head Plate Co., Ltd
MTQ Corporation Limited	Yinson Holdings Berhad (Yinson)
New Horizons Oilfield Services Sdn Bhd	

Country Pavilions



Malaysia



Norway

Check out the exhibition floor plans online



▶ REGISTRATION

How to Register

Take advantage of Early Bird Savings ending
25 February 2022!



Online at
2022.otcasia.org

**Payment can be made via credit card or telegraphic transfer*

Registration Categories and Fees

Category		Fee Per Person	
		Early Bird BY 25 February 2022	Standard AFTER 25 February 2022
Full Conference	Member	USD 700	USD 775
	Non-Member	USD 775	USD 850
	Speaker/ Author/ Committee/ Session Chair	USD 385	USD 435
Group Registration Available! Register 5 save 15% OR Register 10 save 20%			
Student		Complimentary (with valid student ID)	

REGISTER YOUR SEAT TODAY!

What Do You Get

Access and Entitlements	Full Conference	Student
Opening Ceremony	✓	✓
Executive Plenary	✓	✓
Executive Dialogue Interviews	✓	✓
Panels Sessions	✓	✓
Country Sessions	✓	✓
Technical Panel Sessions	✓	✓
Technical Sessions	✓	✓
Closing Session	✓	✓
Knowledge Sharing ePoster Sessions	✓	✓
Exhibition	✓	✓
Daily Networking Luncheons	✓	
Daily Coffee Breaks	✓	
Conference Digital Proceedings	✓	
Conference Bag	✓	



For any registration enquiries,
call us at +60 3 2182 3123 /
+ 60 3 2182 3126 or email
otcasiareg@otcnet.org

Are You Entitled to the Full Conference Member Fee ?

If you are a member of one of the professional associations listed below, you can register as a Full Conference Member. You must provide your membership number upon registration.

- AAPG - American Association of Petroleum Geologists
- AIChE - American Institute of Chemical Engineers
- AIME - American Institute of Mining, Metallurgical, and Petroleum Engineers
- ASCE - American Society of Civil Engineers
- ASME - American Society of Mechanical Engineers
- IADC - International Association of Drilling Contractors
- IBP - Brazilian Petroleum, Gas and Biofuels Institute
- IEEE-OES - Institute of Electrical and Electronics Engineers, Oceanic and Engineering Society
- MTS - Marine Technology Society
- PESA - Petroleum Equipment & Services Association
- SEG - Society of Exploration Geophysicists
- SME - Society for Mining, Metallurgy, and Exploration
- SNAME - Society of Naval Architects and Marine Engineers
- SPE - Society of Petroleum Engineers
- TMS - The Minerals, Metals and Materials Society

An OTC Event



Other OTC Events



For more information, visit the website or email us at otcasia@otcnet.org